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

APPLICATIONS OF CIMAREX ENERGY CO.
FOR A HORIZONAL 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

Darin C. Savage Andrew D. Schill

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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:

Michael H. Feldewert — mfeldewert@hollandhart.com Adam G. Rankin — agrankin@hollandhart.com Julia Broggi — jbroggi@hollandhart.com Paula M. Vance — pmvance@hollandhart.com

Attorneys for Read & Stevens, Inc.; and Permian Resources Operating, LLC

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Attorneys for Sandstone Properties, LLC

/s/ Darin C. Savage

Darin C. Savage

Permian Resources – Company Overview

Premier Delaware Basin Pure-Play E&P Company

- ~180,000 net acres, ~43,000 net royalty acres and ~162 MBoe/d of FY'23E production1 Largest pure-play Delaware Basin E&P company with
- quickly respond to a range of market conditions Scale and balance sheet strength provide flexibility to
- Commitment to ESG and corporate sustainability

Top Tier Inventory Quality & Depth

Commitment to

Balance Sheet

Strength

- High quality asset base and operating expertise drive capital-efficient development plan
- Inventory depth supports long-term free cash flow and sustainable shareholder returns
- sheet, hedge book and liquidity Committed to financial discipline with strong balance
- Low leverage profile supports return of capital program through the cycle
- Returning >50% of free cash flow to shareholders

Focused on portfolio optimization to drive shareholder

delivering strong returns across cycles

Shareholder-aligned management team with track record of

Shareholder Returns

& Alignment

Continuous

Differentiated

Recently closed transactions increase high-return drilling

inventory while generating net cash proceeds

PR Key Statistics

~180,000 **Net Acres**

FY'23E Production¹ ~162 MBoe/d

High-Quality Inventory 15+ Years

Culberson

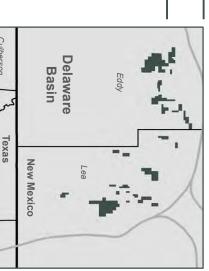
Winkle

Ward

Enterprise Value² ~\$8.7 bn

Current Leverage³

PR Acreage



Rebuttal **Exhibit 1**

N

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

Optimization

Portfolio

Released to Imaging: 8/10/2023 8:42:52 AM

High Quality, Long Dated Inventory Drives Advantaged Productivity



Development Philosophy Consistent

N

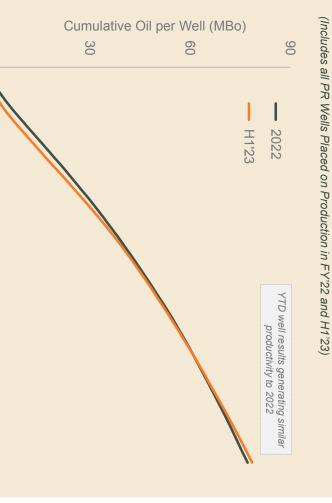
- Allows for high RORs while efficiency and well zones maximizes capital Co-development of multiple productivity
- Inventory quality and depth allow continued focus on proven, high-performing intervals New Mexico
- 3rd Bone Spring and 2nd and 3rd Bone Spring in Upper Wolfcamp in Texas

development economics

protecting future

Primary Delaware **Basin Zones** Focused on

Permian Resources – Average Cumulative Oil Production¹ (MBo)



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, 2023 to December 31, 2022; H1°23 curve includes all 76 wells that PR placed on production from January 1, 2023 through June 30, 2023. development approach drive leading full cycle returns 30 Days 60

Long inventory life and methodical

5

90

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.

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

		illing		o/Stim	Production		Post Con		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
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		20,000					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	
SURFACE RENTALS				45,000	0226 0006	2 222		-	186,000
	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	0222 0446	40	0226.0116	4	02246115		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				100,000			0334.0172	109.193	109,193
MECHANICAL LABOR					0336.0042	88,400		103,133	88,400
AUTOMATION LABOR					0336.0043	31,733	0334.0043	0	31,733
IPC & EXTERNAL PAINTING					0336.0106		0334.0043	U	
FL/GL - ON PAD LABOR					0336.0107	16,400			16,400
						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	0,000	90,000
GATHERING/FLOWLINES					0336.0315	33,733	0334.0315	0	33,733
METERING EQUIPMENT					0336.0321		233 1.03 13	U	
LEASE AUTOMATION MATERIALS					0336.0321	16,800			16,800
						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

AFE # PAF0000102

COM 211H COM 211H

		Drilling		Comp/Stim
Description	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 - SUPERVISION				
SURVEY				
CONTINGENCY - PIPELINE				
Total Intangible Cos	it	2,975,000		3,946,000
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000
CONDUCTOR PIPE	0331.0206	6,000		30,000
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	0333.02.13	
TUBING	0331.0221	70,000	0333.0201	276,000
SURFACE EQUIPMENT			0333.0201	270,000
WELL AUTOMATION MATERIALS				
N/C LEASE EQUIPMENT				
GATHERING/FLOWLINES				
METERING EOUIPMENT				
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 Cos		1,494,800		314,000
Total Estimated Cos	t	4,469,800		4,260,000

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

AFE # PAF0000102

COIVI 2		Production Equip			Post Completion		Total
Description	Codes	Froduction Equip	Amount	Codes	rost completion	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			0,000	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			1 1, 100			3,000	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			3,333			30,000	35,000
OTHER RIG/MISC EXPENSES	0336.0116		14,400	0334.0116		0	194,400
PRIMARY CEMENTING			1-4,-400			0	243,000
WELL CONTROL EQUIP/SERVICES				0334.0130		0	226,000
OVERHEAD	0336.0142		16,533	0334.0130		U	31,533
MUD DISPOSAL LABOR/EQUIP	0330.0142		10,333				177,000
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190		31,867	0334.0190		0	362,867
STIMULATION FLUID	0330.0130		31,007	0334.0083		0	
FRAC TREE RENTAL				0334.0098		0	155,000
FLOWBACK SERVICES				0334.0098			60,000
BRIDGE PLUGS/FRAC PLUGS				0334.0102		30,000	30,000
STIMULATION/FRACTURING				0334.0110		0	40,000
PERFORATING & WIRELINE SERVICES				0334.0136		0	2,481,000
COMPLETION RIG/WORKOVER RIG				0334.0150		0	283,000
COIL TUBING SERVICES				0334.0151		0	21,000
SWD - PIPED TO 3RD PARTY SWD WELL				0334.0172		109,193	168,000
MECHANICAL LABOR	0336.0042		88,400	0331.0172		103,133	109,193 88,400
AUTOMATION LABOR	0336.0042			0334.0043		0	
IPC & EXTERNAL PAINTING	0336.0106		31,733 16,400	0334.0043		0	31,733 16,400
FL/GL - ON PAD LABOR	0336.0107		84,000				
FL/GL - SUPERVISION	0336.0109						84,000 11,867
SURVEY	0336.0112		11,867				
CONTINGENCY - PIPELINE	0336.0191		1,467 2,000				1,467 2,000
Total Intangible Cost			321,734			212,193	7,454,927
WELLHEAD EQUIPMENT SURFACE			321,734	0334.0202		10,000	104,000
CONDUCTOR PIPE				0334.0202		10,000	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				0334.0213		U	
TUBING				0334.0201		0	70,000 276,000
SURFACE EQUIPMENT				0334.0201		15,000	15,000
WELL AUTOMATION MATERIALS				0334.0203		5,000	5,000
N/C LEASE EQUIPMENT	0336.0303		90.000	0334.0323		5,000	90,000
GATHERING/FLOWLINES	0336.0305		33,733	0334.0305		0	33,733
METERING FEOURINES	0336.0321		16,800	233 1.03 13		U	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	0336.0331						9,333
WALKOVERS	0336.0334		9,333				
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335		2,667 128,400				2,667
SECONDARY CONTAINMENTS	0336.0336		-				128,400
FACILITY LINE PIPE	0336.0336		5,333				5,333
Total Tangible Cost			11,600			20.000	11,600
			358,266			30,000	2,197,066
Total Estimated Cost			680,000			242,193	9,651,993

COTERRA	Authorization For Expenditure Dr	illing		AFE # 026722066
Company Entity CIMAREX ENERGY CO (9	999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name LOOSEY GOOSEY 4-9 FED COM 302H	Prospect	Property Number 411354292	AFE 026722066
County, State Lea, NM	Location Section 33, Township 19 South, Range 34	East	Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation 3rd Bone Spring	Well Type	Ttl Measured Depth 20,820	Ttl Vetical Depth 10,820
Purpose Drill and co Description	omplete well			
Intangible		Cost		
Drilling Costs		\$2,975,000		
Completion Cost	S	\$4,866,618		
Total Intangible Cost		\$7,841,618		
Towards to		C 1		
Tangible Tangible		Cost \$2,780,375		
Total Tangible Cost		\$2,780,375		
Total Well Cost		\$10,621,993		
Comments On Well Co	osts			
1. All tubulars, well or leas	e equipment is priced by COPAS and CEPS guideline	s using the Historic Price N	Multiplier.	
Well Control Insurance				
Unless otherwise indicated	below, you, as a non-operating working interest own tor conducts operations hereunder and to pay your p			
	t provide a certificate of such insurance acceptable to			

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.

 Ionoperator 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

		lling	Comp	o/Stim	Production		Post Con		Total
Description	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	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		44,000		10,320		3,000	
CASING CREW	0331.0050		0333.0055						758,000
		43,000		0			00040055		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		0333.0030	130,000	0330.0030	2,001	0334.0030	00,000	
		35,000	0222.0446	100.00-	0226.0116	22.74	0224.0116		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				
SURVEY					0336.0112	10,816			10,816
						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		0				J	70,000
TUBING	000.0221	10,000	0333.0201	276,000			0334.0201	0	276,000
SURFACE EQUIPMENT			3333.0201	210,000			0334.0201		
								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

AFE # 026722066

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

		Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amoun
LAND/LEGAL/CURATIVE	0331.0002	10,000		
DAMAGES	0331.0005	20,000		
PAD CLEANUP	0331.0024		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		i i
CASING CREW	0331.0055	43,000		
TUBULAR INSPECTIONS	0331.0056	60,000		4,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000		(
RIG FUEL	0331.0071	87,000		
WATER & TRANSFER/TRUCKING (NOT	0331.0073	25,000		20,000
DRILL BITS	0331.0080	62,000		20,000
DRILLING MUD & ADDITIVES	0331.0082	285,000		
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000		
DOWNHOLE RENTALS	0331.0095			45.000
SURFACE RENTALS	0331.0096	141,000		45,000
SOLIDS CONTROL EQUIP/SERVICES	0331.0090	98,000		130,000
		35,000		400.000
OTHER RIG/MISC EXPENSES	0331.0116	71,000		109,000
PRIMARY CEMENTING	0331.0120	243,000		****
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000		136,000
OVERHEAD	0331.0142	15,000		(
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000		52,000
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190	143,000		188,000
STIMULATION FLUID			0333.0083	155,000
FRAC TREE RENTAL			0333.0098	60,000
FLOWBACK SERVICES			0333.0102	(
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 Cos	+	2.075.000		3.046.000
WELLHEAD EQUIPMENT SURFACE	0331.0202	2,975,000		3,946,000
		56,000		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		
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000		(
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 Cos		1.40 1.000		244.000
Total Estimated Cost		1,494,800		314,000
		4,469,800		4,260,000

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

		Production Equip		Post Completion		Total
Description	Codes	Am	unt Cod	es	Amount	Cos
LAND/LEGAL/CURATIVE	0336.0002		0			10,000
DAMAGES	0336.0005	2	056			22,056
PAD CLEANUP			0334.0	0024	3,000	13,000
ROAD/PAD CONSTRUCTION	0336.0030	34	883		0,000	134,883
CONDUCTOR, MOUSE HOLE & CELLAR		3.	505			20,000
RIG MOBILIZE/DEMOBILIZE						
	0226 0040		02240	20.40		110,000
SUPERVISION	0336.0040	18	928 0334.0	0040	5,000	157,928
DRILLING RIG						758,000
CASING CREW						43,000
TUBULAR INSPECTIONS			0334.0	0056	0	64,000
WELDING/ROUSTABOUTS/LEASE CREWS			0334.0	0059	5,000	30,000
RIG FUEL			0334.0	0071	0	87,000
WATER & TRANSFER/TRUCKING (NOT DRLG			0334.0		0	45,000
DRILL BITS					O O	
DRILLING MUD & ADDITIVES						62,000
						285,000
DIRECTIONAL DRILLING SERVICES						319,000
DOWNHOLE RENTALS			0334.0	0095	0	186,000
SURFACE RENTALS	0336.0096	2	0334.0	0096	60,000	290,001
SOLIDS CONTROL EQUIP/SERVICES						35,000
OTHER RIG/MISC EXPENSES	0336.0116	22	714 0334.0	1116	0	202,714
PRIMARY CEMENTING		22				243,000
WELL CONTROL EQUIP/SERVICES			0334.0	1130		
	0336.0142			7130	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 0334.0	190	0	438,462
STIMULATION FLUID			0334.0	0083	0	155,000
FRAC TREE RENTAL			0334.0	0098	0	60,000
FLOWBACK SERVICES			0334.0	1102	30,000	30,000
BRIDGE PLUGS/FRAC PLUGS			0334.0		0	40,000
STIMULATION/FRACTURING			0334.0			
					0	2,481,000
PERFORATING & WIRELINE SERVICES			0334.0		0	283,000
COMPLETION RIG/WORKOVER RIG			0334.0		0	21,000
COIL TUBING SERVICES			0334.0		0	168,000
SWD - PIPED TO 3RD PARTY SWD WELL			0334.0	1172	109,193	109,193
MECHANICAL LABOR	0336.0042	150	727			150,727
AUTOMATION LABOR	0336.0043	44	672 0334.0	0043	0	44,672
IPC & EXTERNAL PAINTING	0336.0106		277			12,277
FL/GL - ON PAD LABOR	0336.0107	101				101,729
FL/GL - LABOR	0336.0108					
			083			56,083
FL/GL - SUPERVISION	0336.0109		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 Co	st	708	425		212,193	7,841,618
WELLHEAD EQUIPMENT SURFACE			0334.0	202	10,000	104,000
CONDUCTOR PIPE					10,000	6,000
SURFACE CASING						
						277,000
INTERMEDIATE CASING I						781,800
PRODUCTION CSG/TIE BACK						245,000
PERMANENT DOWNHOLE EQUIPMENT			0334.0	215	0	59,000
WATER STRING CASING						70,000
TUBING			0334.0	201	0	276,000
SURFACE EQUIPMENT			0334.0		15,000	15,000
WELL AUTOMATION MATERIALS			0334.0		5,000	5,000
N/C LEASE EQUIPMENT	0336.0303	4.53				
7			- 1		0	157,110
GATHERING/FLOWLINES	0336.0315		409 0334.0	13 15	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		034			66,034
PRODUCTION EQUIPMENT FREIGHT	0336.0327		256			23,256
FL/GL - MATERIALS	0336.0331		956			19,956
SHORT ORDERS	0336.0331					
			326			4,326
PUMPS	0336.0333		585			33,585
WALKOVERS	0336.0334	6	490			6,490
BATTERY (HTR TRTR, SEPAR, GAS T)	0336.0335	240	288			240,288
	0336.0336		843			9,843
		-				
SECONDARY CONTAINMENTS	0336.0337	/5	430			
SECONDARY CONTAINMENTS OVERHEAD POWER DISTR (TO FACILITY)	0336.0337	45	430			45,430
SECONDARY CONTAINMENTS OVERHEAD POWER DISTR (TO FACILITY) TELECOMMUNICATION EQUIPMENT	0336.0338		324			324
SECONDARY CONTAINMENTS OVERHEAD POWER DISTR (TO FACILITY)	0336.0338 0336.0339	30			30,000	

8/2/2023

COTERRA	Authorization For Expenditu	ure Drilling		AFE # 02672206
Company Entity CIMAREX ENERGY CO (99)	99901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name LOOSEY GOOSEY 4-9 FED COM	Prospect 202H	Property Number 411354296	AFE 026722064
County, State Lea, NM	Location Section 33, Township 19 South,	Range 34 East	Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation 2nd Bone Spring	Well Type	Ttl Measured Depth 20,300	Ttl Vetical Depth 10,300
Purpose Drill and cor Description	mplete well			
Intangible Drilling Costs		Cost \$2,975,000		
Completion Costs		\$4,479,927		
Total Intangible Cost		\$7,454,927		
		_		
Tangible Tangible		Cost \$2,197,066		
Total Tangible Cost		\$2,197,066		
Total Turigible Cost		42,131,000		
Total Well Cost		\$9,651,993		
Well Control Insurance Unless otherwise indicated b Operator so long as Operator control insurance, you must in no event later than comm being covered by insurance	equipment is priced by COPAS and CEPS below, you, as a non-operating working it or conducts operations hereunder and to provide a certificate of such insurance at tencement of drilling operations. You ag procured by Operator.	nterest owner, agree to be covered by pay your prorated share of the premi cceptable to Operator, as to form and ree that failure to provide the certifica	Operator's well control insurums therefore. If you elect to limits, at the time this AFE is r	purchase your own well eturned, if available, but
i elect to purc	hase my own well control insuran	ce policy.		
Marketing Election				
Character and the first service of	market have sellen as a known as a college while the first	male a come Correla construente mana de la	Control of the Contro	and the attended to the con-

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.

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

		lling	Com	p/Stim	Production	on Equip	Post Cor	npletion	Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
LAND/LEGAL/CURATIVE	0331.0002	10,000			0336.0002	0			10,000
DAMAGES	0331.0005	20,000			0336.0005	0			20,00
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		44,000		14,400		5,000	758,000
CASING CREW	0331.0055	43,000	0333.0055	0					43,000
TUBULAR INSPECTIONS	0331.0055	60,000	0333.0056	4,000			0334 0056	0	64,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0050		0333.0050				0334.0059	-	
RIG FUEL	0331.0039	25,000	0333.0039	0			0334.0059	5,000	30,000
		87,000		0				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	0331.0130	15,000	0333.0130	130,000	0336.0142	16,533		· ·	31,533
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000	0550.0112	10,555			177,000
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0103	143,000	0333.0103	188,000	0336.0190	21.067	0334.0190	0	
	0551.0190	143,000			0550.0190	31,867		-	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		2,230	0333.0201	276,000			0334.0201	0	276,000
SURFACE EQUIPMENT				2.0,000			0334.0203	15,000	15,000
WELL AUTOMATION MATERIALS							0334.0329	5,000	5,000
N/C LEASE EQUIPMENT					0336.0303	90,000	0334.0323	5,000	90,000
GATHERING/FLOWLINES					0336.0303		0334.0303	-	
						33,733	0554.0515	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
L					0336.0339	11,600			11,600
FACILITY LINE PIPE									
FACILITY LINE PIPE Total Tangible Cost		1,494,800		314,000	0330.0333	358,266		30,000	2,197,066

AFE # 026722064

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

		Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amour
LAND/LEGAL/CURATIVE	0331.0002	10,000		
DAMAGES	0331.0005	20,000		
PAD CLEANUP	0331.0024	0	0333.0024	10,00
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	
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	
RIG FUEL	0331.0071	87,000	0333.0071	
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	2333.0330	130,000
OTHER RIG/MISC EXPENSES	0331.0037	71,000	0333.0116	109,000
PRIMARY CEMENTING	0331.0110		0333.0110	109,000
WELL CONTROL EQUIP/SERVICES	0331.0120	243,000	0333.0130	425.000
OVERHEAD	0331.0130	90,000	0333.0130	136,000
		15,000		(
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	(
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 Cos	t	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	
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	
WATER STRING CASING	0331.0221	70,000		
TUBING		7 6,666	0333.0201	276,000
SURFACE EQUIPMENT				270,000
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 Cos		1,494,800		314,000
Total Estimated Cos	t	4,469,800		4,260,000

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

		Production Equip		Post Completion	Total
Description	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		103,133	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		321,734	0334.0202		
CONDUCTOR PIPE			0334.0202	10,000	104,000 6,000
SURFACE CASING					
					277,000
INTERMEDIATE CASING I					781,800
PRODUCTION CSG/TIE BACK			02246245		245,000
PERMANENT DOWNHOLE EQUIPMENT			0334.0215	0	59,000
WATER STRING CASING			00010001		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
		680,000		242,193	9,651,993

COTERRA	Authorization For Expenditure Drilli	ng		AFE # 026722063
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name LOOSEY GOOSEY 4-9 FED COM 201H	Prospect	Property Number 411354297	AFE 026722063
County, State Lea, NM	Location Section 33, Township 19 South, Range 34 Ea	st	Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation 2nd Bone Spring	Well Type	Ttl Measured Depth 20,300	Ttl Vetical Depth 10,300
Purpose Drill and co Description	omplete well			
Intangible Drilling Costs		Cost \$2,975,000		
Completion Cost	-5	\$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.

 Ionoperator 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

L		illing		o/Stim	Production		Post Cor		Total
Description	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/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

AFE # 026722063

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

		Drilling			Comp/Stim	
Description	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 - SUPERVISION						
SURVEY						
CONTINGENCY - PIPELINE						
Total Intangible Co.	st		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						
						244.000
Total Tangible Co	st		1,494,800			314,000

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

		Production Equip		Post Completion	Total
Description	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		103,133	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		321,734	0334.0202		
CONDUCTOR PIPE			0334.0202	10,000	104,000 6,000
SURFACE CASING					
					277,000
INTERMEDIATE CASING I					781,800
PRODUCTION CSG/TIE BACK			02246245		245,000
PERMANENT DOWNHOLE EQUIPMENT			0334.0215	0	59,000
WATER STRING CASING			00010001		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
		680,000		242,193	9,651,993

COTERRA	Authorization For Expenditur	re Drilling		AFE # 026722055
Company Entity CIMAREX ENERGY CO (9	999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name LOOSEY GOOSEY 4-9 FED COM 1	Prospect 103H	Property Number 411354299	AFE 026722055
County, State Lea, NM	Location Section 33, Township 19 South, R	Range 34 East	Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation 1ST BONE SPRING	Well Type	Ttl Measured Depth 19,520	Ttl Vetical Depth 9,520
Description	mplete well			
Intangible		Cost		
Drilling Costs Completion Costs		\$2,975,000 \$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		
Well Control Insurance Unless otherwise indicated Operator so long as Operat control insurance, you mus in no event later than com being covered by insurance	below, you, as a non-operating working int tor conducts operations hereunder and to p t provide a certificate of such insurance acc mencement of drilling operations. You agree	terest owner, agree to be covered by pay your prorated share of the prem eptable to Operator, as to form and see that failure to provide the certifica	of Operator's well control insur- iums therefore. If you elect to limits, at the time this AFE is r	purchase your own well eturned, if available, but
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.

1	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

		illing		o/Stim	Production		Post Con		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
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		20,000					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	
SURFACE RENTALS				45,000	0226 0006	2 222		-	186,000
	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	0222 0446	40	0226.0116	4	02246115		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				100,000			0334.0172	109.193	109,193
MECHANICAL LABOR					0336.0042	88,400		103,133	88,400
AUTOMATION LABOR					0336.0042	31,733	0334.0043	0	31,733
IPC & EXTERNAL PAINTING					0336.0106		0334.0043	U	
						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				-,0			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	0,000	90,000
GATHERING/FLOWLINES					0336.0305	33,733	0334.0315	0	33,733
METERING EQUIPMENT					0336.0321		233 1.03 13	U	
LEASE AUTOMATION MATERIALS					0336.0321	16,800			16,800
PRODUCTION EQUIPMENT FREIGHT					0336.0327	30,933			30,933
					0336.0327	10,000			10,000
FL/GL - MATERIALS						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

AFE # 026722055

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

		Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amoun
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	
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4.000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	
RIG FUEL	0331.0071	87,000	0333.0071	
WATER & TRANSFER/TRUCKING (NOT	0331.0073	25,000	0333.0073	20,000
DRILL BITS	0331.0080	62,000		20,000
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	0331.0090		0333.0090	130,000
OTHER RIG/MISC EXPENSES	0331.0097	35,000	0333.0116	100 000
PRIMARY CEMENTING	0331.0116	71,000	0110.0000	109,000
		243,000	0222 0420	
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	C
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 Cos	t	2,975,000		3,946,000
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000
CONDUCTOR PIPE	0331.0206	6,000	0333.0202	30,000
SURFACE CASING	0331.0207	277,000		
INTERMEDIATE CASING I	0331.0207			
		781,800	0333.0211	
PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT	0331.0211 0331.0215	245,000	0333.0211	0
		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 Cos	t	1,494,800		314,000
Total Estimated Cos		4,469,800		4,260,000
. Star Estimated Cos	-	7,700,000		7,230,00

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

		Production Equip			Post Completion		Total
Description	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	0330.0030		3,333	0334.0030		00,000	
	0226 0116		14.400	0224 0116		0	35,000
OTHER RIG/MISC EXPENSES	0336.0116		14,400	0334.0116		0	194,400
PRIMARY CEMENTING				0224 0120			243,000
WELL CONTROL EQUIP/SERVICES	0226 0142		46.505	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						10,000	6,000
SURFACE CASING							277,000
INTERMEDIATE CASING I							781,800
PRODUCTION CSG/TIE BACK							245,000
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	
WATER STRING CASING				0334.0213		U	59,000
TUBING				0334.0201		0	70,000
SURFACE EQUIPMENT						0	276,000
				0334.0203		15,000	15,000
WELL AUTOMATION MATERIALS	0226 0262		00	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	1	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			80,000			242,193	9,651,993

COTERRA	Authorization For Expenditure [Drilling		AFE # 026722069
Company Entity CIMAREX ENERGY CO	(999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name MIGHTY PHEASANT 5-8 FED COM 103H	Prospect	Property Number 411354287	AFE 026722069
County, State Lea, NM	Location Section 5, Township 20 South, Range 3	4 East, Lea County, NM	Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation 1ST BONE SPRING	Well Type	Ttl Measured Depth 19,515	Ttl Vetical Depth 9,515
Purpose Drill and c Description	complete well			
Intangible		Cost		
Drilling Costs		\$2,975,000		
Completion Cos	sts	\$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 C	Costs			
1. All tubulars, well or lea	ase equipment is priced by COPAS and CEPS guideli	nes using the Historic Price M	ultiplier.	
Well Control Insuranc				
Unless otherwise indicate Operator so long as Oper control insurance, you mu	d below, you, as a non-operating working interest of rator conducts operations hereunder and to pay you ust provide a certificate of such insurance acceptable nmencement of drilling operations. You agree that	r prorated share of the premi e to Operator, as to form and	ums therefore. If you elect to limits, at the time this AFE is r	purchase your own well eturned, if available, but
I elect to pu	rchase my own well control insurance polic	:y.		
Marketing Election				
Cimarex sells its gas unde insufficient volumes deliv Upon written request to 0	er arm's-length contracts with third party purchasers lered over time. Should you choose to market your Cimarex's Marketing Department, we will share with eemed an election to market your gas with Cimarex	share of gas with Cimarex, yo you the terms and conditions	u will be subject to all of the to pursuant to which gas will be	erms of such contracts.

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.

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

		illing		o/Stim	Production		Post Con		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
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		20,000					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	
SURFACE RENTALS				45,000	0226 0006	2 222		-	186,000
	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	0222 0446	40	0226.0116	4	02246115		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				100,000			0334.0172	109.193	109,193
MECHANICAL LABOR					0336.0042	88,400		103,133	88,400
AUTOMATION LABOR					0336.0042	31,733	0334.0043	0	31,733
IPC & EXTERNAL PAINTING					0336.0106		0334.0043	U	
						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				-,0			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	0,000	90,000
GATHERING/FLOWLINES					0336.0305	33,733	0334.0315	0	33,733
METERING EQUIPMENT					0336.0321		233 1.03 13	U	
LEASE AUTOMATION MATERIALS					0336.0321	16,800			16,800
PRODUCTION EQUIPMENT FREIGHT					0336.0327	30,933			30,933
					0336.0327	10,000			10,000
FL/GL - MATERIALS						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

AFE # 026722069

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

		Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amoun
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		0333.0030	130,000
OTHER RIG/MISC EXPENSES	0331.0037	35,000	0333 0116	100 000
PRIMARY CEMENTING	0331.0116	71,000	0555.0110	109,000
WELL CONTROL EQUIP/SERVICES	0331.0120	243,000	0333.0130	420,000
OVERHEAD		90,000	0333.0130	136,000
	0331.0142	15,000		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 Cos	it	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		7.0,000	0333.0201	276,000
SURFACE EQUIPMENT				270,000
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 Cos		1,494,800		314,000
Total Estimated Cos	t	4,469,800		4,260,000

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

COIVI		Production Equip			Post Completion		Total
Description	Codes	Production Equip	Amount	Codes	Fost Completion	Amount	Cost
LAND/LEGAL/CURATIVE	0336.0002		0	codes		7 11 11 0 0 11 1	10,000
DAMAGES	0336.0005		0				20,000
PAD CLEANUP	0330.0003		U	0334.0024		3,000	13,000
ROAD/PAD CONSTRUCTION	0336.0030		5,334	0334.0024		3,000	105,334
CONDUCTOR, MOUSE HOLE & CELLAR	0330.0030		3,334				
RIG MOBILIZE/DEMOBILIZE							20,000
SUPERVISION	0226 0040		11.100	0334.0040		5.000	110,000
	0336.0040		14,400	0554.0040		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			, .50				243,000
WELL CONTROL EQUIP/SERVICES				0334.0130		0	226,000
OVERHEAD	0336.0142		16,533				31,533
MUD DISPOSAL LABOR/EQUIP	0330.0112		10,555				177,000
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190		31,867	0334.0190		0	
	0330.0130		31,007				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			321,734	0334.0202			104,000
CONDUCTOR PIPE				0334.0202		10,000	
SURFACE CASING							6,000
							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						
	0336.0334		9,333				9,333
WALKOVERS			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

COTERRA	Authorization For Expenditu	ıre Drilling		AFE # 026722078
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name MIGHTY PHEASANT 5-8 FED CC 304H	Prospect DM	Property Number 411354278	AFE 026722078
County, State Lea, NM	Location Section 5, Township 20 South, R	Range 34 East, Lea County, NM	Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation 3rd Bone Spring	Well Type	Ttl Measured Depth 20,870	Ttl Vetical Depth 10,870
Purpose Drill and co Description	omplete well			
Intangible		Cost		
Drilling Costs		\$2,975,000		
Completion Cost	S	\$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 Co	e equipment is priced by COPAS and CEPS		fultiplier.	
Unless otherwise indicated Operator so long as Opera control insurance, you mus	below, you, as a non-operating working in tor conducts operations hereunder and to at provide a certificate of such insurance ac mencement of drilling operations. You ag	pay your prorated share of the prem ceptable to Operator, as to form and	iums therefore. If you elect to limits, at the time this AFE is a	purchase your own well returned, if available, but
I elect to pur	chase my own well control insuranc	ce 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

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.

election below shall be deemed an election to market your gas with Cimarex under the terms and conditions set forth above.

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

COIVI SI	Dr	illing	Com	p/Stim	Product	ion Equip	Post Cor	npletion	Total
Description	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	2,056			22,056
PAD CLEANUP	0331.0024	0	0333.0024	10,000		2,050	0334.0024	3,000	13,000
ROAD/PAD CONSTRUCTION	0331.0030	100,000		10,000	0336.0030	34,883		3,000	134,883
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0030	20,000			0550.0050	34,003			20,000
RIG MOBILIZE/DEMOBILIZE	0331.0031	110,000							110,000
SUPERVISION	0331.0033		0333.0040	44.000	0336.0040	18.928	0334.0040	F 000	
DRILLING RIG		90,000	0333.0040	44,000	0330.0040	18,928	0334.0040	5,000	157,928
	0331.0050	758,000	0222 0055						758,000
CASING CREW	0331.0055	43,000	0333.0055	0			00040055		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	0331.0110	243,000	,	103,000	,,	££,114		0	243,000
WELL CONTROL EQUIP/SERVICES	0331.0120	90,000	0333.0130	136,000			0334.0130	0	226,000
OVERHEAD	0331.0130		0333.0142	136,000	0336.0142	27,312	3337.0130	U	42,312
MUD DISPOSAL LABOR/EQUIP	0331.0142	15,000	0333.0142		0330.0142	21,312			
		125,000		52,000	0226 0100	107.100	0334.0190		177,000
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0190	143,000	0333.0190	188,000	0336.0190	107,462		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
SURVEY					0336.0112	10,816			
AID IN CONSTRUCT/3RD PARTY CONNECT						5,246			5,246
					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	3,000	157,110
GATHERING/FLOWLINES					0336.0305		0334.0305	0	
					0336.0315	160,409	UJJ4.UJ 13	U	160,409
TANKS, STEPS, STAIRS						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 Total Tangible Cost		1.40.4.000		214.000	0336.0339	30,070		20.000	30,070
		1,494,800		314,000		941,575	\vdash	30,000	2,780,375
Total Estimated Cost		4,469,800		4,260,000		1,650,000		242,193	10,621,993

AFE # 026722078

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

		Drilling		Comp/Stim
Description	Codes	Amour	t Codes	Amount
LAND/LEGAL/CURATIVE	0331.0002	10,00		
DAMAGES	0331.0005	20,00		
PAD CLEANUP	0331.0024		0 0333.0024	10,000
ROAD/PAD CONSTRUCTION	0331.0030	100,00	0	
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,00	0	
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,00	0	
SUPERVISION	0331.0040	90,00	0 0333.0040	44,000
DRILLING RIG	0331.0050	758,00	0	
CASING CREW	0331.0055	43,00	0 0333.0055	0
TUBULAR INSPECTIONS	0331.0056	60,00	0 0333.0056	4,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,00	0 0333.0059	
RIG FUEL	0331.0071	87,00		
WATER & TRANSFER/TRUCKING (NOT	0331.0073	25,00		20,000
DRILL BITS	0331.0080	62,00		
DRILLING MUD & ADDITIVES	0331.0082	285,00		
DIRECTIONAL DRILLING SERVICES	0331.0090	319,00		
DOWNHOLE RENTALS	0331.0095	141,00		45,000
SURFACE RENTALS	0331.0096	98,00	-	130,000
SOLIDS CONTROL EQUIP/SERVICES	0331.0097		-	130,000
OTHER RIG/MISC EXPENSES	0331.0037	35,00		100,000
		71,00	-	109,000
PRIMARY CEMENTING	0331.0120	243,00		
WELL CONTROL EQUIP/SERVICES	0331.0130	90,00		136,000
OVERHEAD	0331.0142	15,00		52,000
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,00		52,000
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190	143,00		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		2.075.00	0	2.045.005
WELLHEAD EQUIPMENT SURFACE	0331.0202	2,975,00		3,946,000
		56,00	-	38,000
CONDUCTOR PIPE	0331.0206	6,00		
SURFACE CASING	0331.0207	277,00		
INTERMEDIATE CASING I	0331.0208	781,80		
PRODUCTION CSG/TIE BACK	0331.0211	245,00		0
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,00	0 0333.0215	0
WATER STRING CASING	0331.0221	70,00		
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		1,494,80		314,000
Total Estimated Cost		4,469,80	0	4,260,000

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

DAMAGES PAD CLEANUP ROAD/PAD CONSTRUCTION CONDUCTOR, MOUSE HOLE & CELLAR RIG MOBILIZE/DEMOBILIZE SUPERVISION O336.0040 PRILLING RIG CASING CREW TUBULAR INSPECTIONS WELDING/ROUSTABOUTS/LEASE CREWS RIG FUEL WATER & TRANSFER/TRUCKING (NOT DRLG DRILL BITS DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES PRIMARY CEMENTING WELL CONTROL EQUIP/SERVICES OVERHEAD MUD DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL LOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/MORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR 10 336.0107 FL/GL - LABOR RL/GL - SUPERVISION SURVEY AID IN CONSTRUCT/3RD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WELL ALDOWNHOLE EQUIPMENT WELL ALTOWNHOLE EQUIPMENT WELL ALTOWNHOLE EQUIPMENT WELL ALTOWNHOLE EQUIPMENT WELL AUTOMATION SIGNING TUBING SURFACE CASING INTERMEDIATE CASING INTERMEDIATE CASING INTERMEDIATE CASING INTERMEDIATE CASING INTERMEDIATE CASING TUBING SURFACE CASING INTERMEDIATE CASING INTERMED	Amount	Codes	Amount	Cost
DAMAGES PAD CLEANUP ROAD/PAD CONSTRUCTION CONDUCTOR, MOUSE HOLE & CELLAR RIG MOBILIZE/DEMOBILIZE SUPERVISION O336.0040 DRILLING RIG CASING CREW TUBULAR INSPECTIONS WELDING/ROUSTABOUTS/LEASE CREWS RIG FUEL WATER & TRANSFER/TRUCKING (NOT DRLG DRILLING MUD & ADDITIVES DIRLLING MUD & ADDITIVES DIRLILING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SURFACE RENTALS SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES PRIMARY CEMENTING WELL CONTROL EQUIP/SERVICES OVERHEAD MUD DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL STIMULATION FLUID FRAC TREE RENTAL STIMULATION FLUID FRAC TREE RENTAL SINGUES/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR MATOMATION LABOR MICHANICAL LABOR MATOMATION MATERIALS MATOMATICAL MATOMATION MATERIALS MATO	7 tillodite			COS
PAD CLEANUP ROAD/PAD CONSTRUCTION CONDUCTOR, MOUSE HOLE & CELLAR RIG MOBILIZE/DEMOBILIZE SUPERVISION DRILLING RIG CASING CREW TUBULAR INSPECTIONS WELDING/ROUSTABOUTS/LEASE CREWS RIG FUEL WATER & TRANSFER/TRUCKING (NOT DRLG DRILL BITS DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SURFACE RENTALS SURFACE RENTALS SURFACE RENTALS OVERHEAD WELL CONTROL EQUIP/SERVICES OVERHEAD WILL CONTROL EQUIP/SERVICES OVERNEAD CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR MIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR MIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR MIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR MIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR MIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR MIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR MIG/WORKOVER RIG COIL TUBING SERVICES WORLD MIG/WORKOVER RIG COIL TUBING SERVICES WORLD MIG/WORKOVER RIG COIL TUBING SERVICES WELLEAD REDURENT SWRFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS MICCLEASE EQUIPMENT WELL AUTOMATION MATERIALS MICCLEASE EQUIPMENT MICLEASE AUTOMATION MATERIALS MICCLEASE AUTOMATION MATERIALS MICCLE	0			10,000
ROAD/PAD CONSTRUCTION CONDUCTOR, MOUSE HOLE & CELLAR RIG MOBILIZE/DEMOBILIZE SUPERVISION ORILLING RIG CASING GREW TUBULAR INSPECTIONS WELDING/ROUSTABOUTS/LEASE CREWS RIG FUEL WATER & TRANSFER/TRUCKING (NOT DRLG DRILL INTS DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SURFACE RENTALS SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES OVERHEAD MUD DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR IPC & EXTERNAL PAINTING IPC	2,056			22,056
CONDUCTOR, MOUSE HOLE & CELLAR RIG MOBILIZE/DEMOBILIZE SUPERVISION ORILLING RIG CASING CREW TUBULAR INSPECTIONS WELDING/ROUSTABOUTS/LEASE CREWS RIG FUEL WATER & TRANSFER/TRUCKING (NOT DRLG DRILL BITS DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES		0334.0024	3,000	13,000
CONDUCTOR, MOUSE HOLE & CELLAR RIG MOBILIZE/DEMOBILIZE SUPERVISION ORILLING RIG CASING CREW TUBULAR INSPECTIONS WELDING/ROUSTABOUTS/LEASE CREWS RIG FUEL WATER & TRANSFER/TRUCKING (NOT DRLG DRILL BITS DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES	34,883		5,000	134,883
RIG MOBILIZE/DEMOBILIZE SUPERVISION O336.0040 DRILLING RIG CASING CREW TUBULAR INSPECTIONS WELDING/ROUSTABOUTS/LEASE CREWS RIG FUEL WATER & TRANSFER/TRUCKING (NOT DRLG DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES OVERHEAD WILD DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL SINGER PLUGS/FRAC PLUGS STIMULATION FLUID FRAC TREE RENTAL COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SUMD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR O336.0102 PL/GL - SUPERVISION SURVEY AID IN CONSTRUCT/3RD PARTY CONNECT CONTINGENCY - PIPELINE FL/GL - LABOR FL/GL - SUPERVISION SURVEY AID IN CONSTRUCT/3RD PARTY CONNECT CONTINGENCY - PIPELINE TOTAL INTERPLINE SURFACE CASING INTERPLINE SURFACE CASING INTERPLINE TOTAL INTERPLINE SURFACE CASING INTERPLINE SURFACE CASING INTERPLINE SURFACE CASING INTERPLINE SURFACE CASING INTERPLINE SURFACE EQUIPMENT WELL AUTOMATION MATERIALS NUC LEASE EQUIPMENT WELL AUTOMATION MATERIALS SURFACE EQUIPMENT WELL AUTOMATION MATERIALS NUC LEASE EQUIPMENT WELL AUTOMATION MATERIALS SURFACE EQUIPMENT WELL AUTOMATION MATERIALS NUC LEASE EQUIPMENT WELL REASE AUTOMATION MATERIALS NUC LEASE EQUIPMENT WELL REASE AUTOMATION MATERIALS O336.0322 FACILITY ELECTRICAL O336.0324	54,003			20,000
SUPERVISION 0336.0040 DRILLING RIG CASING CREW TUBULAR INSPECTIONS WELDING/ROUSTABOUTS/LEASE CREWS RIG FUEL WATER & TRANSFER/TRUCKING (NOT DRLG DRILL BITS DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SURFACE RENTALS SURFACE RENTALS SURFACE RENTALS O336.0096 SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES PRIMARY CEMENTING WELL CONTROL EQUIP/SERVICES OVERHEAD WID DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR 1036.0104 PL/GL - ON PAD LABOR 1036.0105 PL/GL - SUPERVISION 1036.0107 PL/GL - LABOR 1036.0107 PL/GL - LABOR 1036.0107 PL/GL - LABOR 1036.0109 SURVEY AID IN CONSTRUCT/3RD PARTY CONNECT 1036.0114 CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS 10336.0324				
DRILLING RIG CASING CREW TUBULAR INSPECTIONS WELDING/ROUSTABOUTS/LEASE CREWS RIG FUEL WATER & TRANSFER/TRUCKING (NOT DRLG DRILL BITS DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SULFACE RENTALS SULFACE RENTALS SULFACE RENTALS SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES OTHER RIG/M		02240040		110,000
CASING CREW TUBULAR INSPECTIONS WELDING/ROUSTABOUTS/LEASE CREWS RIG FUEL WATER & TRANSFER/TRUCKING (NOT DRLG DRILL BITS DRILLING MUD & ADDITIVES DRICCTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES STIMULATION FELLID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/MORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR O336.0043 IPC & EXTERNAL PAINTING O336.0043 IPC & EXTERNAL PAINTING O336.0106 FL/GL - ON PAD LABOR FL/GL - SUPERVISION O336.0107 FL/GL - LABOR RIG/GL - SUPERVISION O336.0109 SURVEY AID IN CONSTRUCT/3RD PARTY CONNECT O336.0112 AID IN CONSTRUCT/3RD PARTY CONNECT OONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING INTERMEDIATE CASING INTERMEDIATE CASING INTERMEDIATE CASING INTERMEDIATE CASING INTERMEDIATE CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS O336.0322 FACILITY ELECTRICAL O336.0324	18,928	0334.0040	5,000	157,928
TUBULAR INSPECTIONS WELDING/ROUSTABOUTS/LEASE CREWS RIG FUEL WATER & TRANSFER/TRUCKING (NOT DRLG DRILL BITS DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SURFACE RENTALS SURFACE RENTALS O336.0096 SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES O336.0116 PRIMARY CEMENTING WELL CONTROL EQUIP/SERVICES OVERHEAD WID DISPOSAL LABOR/EQUIP CONTINISENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES SIDIAL SERVICES SIMULATION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR O336.0107 FL/GL - SUPERVISION O336.0107 FL/GL - ON PAD LABOR FL/GL - SUPERVISION O336.0109 SURVEY AID IN CONSTRUCT/3RD PARTY CONNECT O336.0112 AID IN CONSTRUCT/3RD PARTY CONNECT O336.0144 CONTINGENCY - PIPELINE TOTAL INTERPLIED WELLHEAD EQUIPMENT SURFACE CONDUCTION PIPE SURFACE CASING INTERNEDIATE CASING INTERNEDIATE CASING INTERNEDIATE CASING INTERNEDIATE CASING INTERNEDIATE CASING INTERNEDIATE CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS O336.0324				758,000
WELDING/ROUSTABOUTS/LEASE CREWS RIG FUEL WATER & TRANSFER/TRUCKING (NOT DRLG DRILL BITS DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SURFACE RENTALS SURFACE RENTALS SURFACE RENTALS SURFACE RENTALS SURFACE RENTALS O336.0096 SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES PRIMARY CEMENTING WELL CONTROL EQUIP/SERVICES OVERHEAD MUD DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR 10 336.0106 FL/GL - ON PAD LABOR 10 336.0107 FL/GL - LABOR FL/GL - SUPERVISION SURVEY AD IN CONSTRUCT/SRD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTION PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT 0336.0324				43,000
RIG FUEL WATER & TRANSFER/TRUCKING (NOT DRLG DRILL BITS DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SURFACE RENTALS SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES OTHER RIG MISC EXPENSES OTHER RIG MISC EXPENSES OTHER RIG MISC EXPENSES OTHER RIG MISC EXPENSES OTHER RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR OTHER RIG MISC EXPENSES OTHER RIG MISC		0334.0056	0	64,000
WATER & TRANSFER/TRUCKING (NOT DRLG DRILL BITS DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES OTHER RIG		0334.0059	5,000	30,000
WATER & TRANSFER/TRUCKING (NOT DRLG DRILL BITS DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES OTHER RIG		0334.0071	0	87,000
DRILLING MUD & ADDITIVES DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SURFACE RENTALS SURFACE RENTALS OTHER RIG/MISC EXPENSES OTHER RIG/MISC EXPENSES OTHER RIG/MISC EXPENSES OVERHEAD WELL CONTROL EQUIP/SERVICES OVERHEAD WID DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR 10336.0106 FL/GL - ON PAD LABOR FL/GL - ABOR FL/GL - SUPERVISION SURVEY AID IN CONSTRUCT/SRD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTION PIPE SURFACE CASING INTERMEDIATE CASING INTERMEDIATE CASING INTERMEDIATE CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS NUCLEASE EQUIPMENT WELL AUTOMATION MATERIALS 0336.0324		0334.0073	0	45,000
DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SURFACE RENTALS SURFACE RENTALS SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES PRIMARY CEMENTING WELL CONTROL EQUIP/SERVICES OVERHEAD O336.0142 MUD DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES SIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR O336.0106 FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY ADDITION ON THE SERVICES ONDITION ON THE SERVICES CONTINGENCY - PIPELINE SURVEY ADDITION ON THE SERVICES ONDITION ON THE SERVICES SWD - PIPED TO			0	
DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS SURFACE RENTALS O336.0096 SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES OTHER RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR OTHER RIG/MISC OTHER RIG/MI				62,000
DOWNHOLE RENTALS SURFACE RENTALS 0336.0096 SOLIDS CONTROL EQUIP/SERVICES 0336.0116 PRIMARY CEMENTING 0336.0116 WELL CONTROL EQUIP/SERVICES 0336.0142 OVERHEAD 0336.0142 MUD DISPOSAL LABOR/EQUIP 0336.0190 CONTINGENCY - DRLG, COMP, PCOM, FAC 3336.0190 STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COLI TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR MECHANICAL LABOR 0336.0042 ALTOMATION LABOR 0336.0106 FL/GL - ON PAD LABOR 0336.0109 FL/GL - SUPERVISION 0336.0112 AID IN CONSTRUCT/3RD PARTY CONNECT 0336.0112 AID IN CONSTRUCT/3RD PARTY CONNECT 0336.0191 TOTAL INTERPLACE CONDUCTON PIPE CONDUCTON PIPE 0336.0191 WELLHEAD EQUIPMENT SURFACE CONDUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING				285,000
SURFACE RENTALS SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES PRIMARY CEMENTING WELL CONTROL EQUIP/SERVICES OVERHEAD WID DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR PL/GL - ON PAD LABOR FL/GL - ON PAD LABOR FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY ADD IN CONSTRUCT/SRD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS NUC LEASE EQUIPMENT WELL AUTOMATION MATERIALS NUC LEASE EQUIPMENT WELL AUTOMATION MATERIALS NUC LEASE EQUIPMENT WELL ASSON STARS 0336.0315 TANKS, STEPS, STAIRS 0336.0324				319,000
SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES PRIMARY CEMENTING WELL CONTROL EQUIP/SERVICES OVERHEAD O336.0142 MUD DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES SIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR O336.0106 FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY ADD IN CONSTRUCT/SRD PARTY CONNECT CONTINENCY - PIPELINE O336.0112 ADD IN CONSTRUCT/SRD PARTY CONNECT CONTINENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTION PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS O336.0324 METERING EQUIPMENT WELEASE AUTOMATION MATERIALS O336.0324 FACILITY ELECTRICAL O336.0324		0334.0095	0	186,000
OTHER RIG/MISC EXPENSES O336.0116 PRIMARY CEMENTING WELL CONTROL EQUIP/SERVICES OVERHEAD O336.0142 MUD DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR 0336.0042 AUTOMATION LABOR 0336.0043 IPC & EXTERNAL PAINTING FL/GL - ON PAD LABOR FL/GL - ON PAD LABOR 0336.0109 SURVEY 0336.0112 AID IN CONSTRUCT/3RD PARTY CONNECT 0336.0112 AID IN CONSTRUCT/3RD PARTY CONNECT CONTINGENCY - PIPELINE 0336.0191 Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTION CSG/TIE BACK PERMANENT DOWNENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS 0336.0324	2,001	0334.0096	60,000	290,001
PRIMARY CEMENTING WELL CONTROL EQUIP/SERVICES OVERHEAD 0336.0142 MUD DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR 10336.0106 FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY AID IN CONSTRUCT/SRD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE CASING INTERMEDIATE CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324				35,000
PRIMARY CEMENTING WELL CONTROL EQUIP/SERVICES OVERHEAD 0336.0142 MUD DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR 10336.0106 FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY AID IN CONSTRUCT/SRD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE CASING INTERMEDIATE CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324	22,714	0334.0116	0	202,714
WELL CONTROL EQUIP/SERVICES OVERHEAD OVERHEAD O336.0142 MUD DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR O336.0106 FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY AD IN CONSTRUCT/SRD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL ASSON 336.0324	==,			243,000
OVERHEAD OVERHEAD OUSPOSAL LABOR/EQUIP CONTINGENCY - DRLIG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG, WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR O336.0042 AUTOMATION LABOR O336.0043 IPC & EXTERNAL PAINTING FL/GL - ON PAD LABOR FL/GL - ON PAD LABOR O336.0108 FL/GL - SUPERVISION O336.0109 SURVEY O336.0112 AID IN CONSTRUCT/3RD PARTY CONNECT CONTINGENCY - PIPELINE O336.0191 Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS O336.0324		0334.0130		
MUD DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR 0336.0043 IPC & EXTERNAL PAINTING 1036.0106 FL/GL - ON PAD LABOR 1036.0108 FL/GL - SUPERVISION 0336.0109 SURVEY AID IN CONSTRUCT/SRD PARTY CONNECT CONTINGENCY - PIPELINE 0336.0112 AID IN CONSTRUCT/SRD PARTY CONNECT CONTINGENCY - PIPELINE 0336.0191 Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING INTERMEDIATE CASING INTERMEDIATE CASING TUBING SURFACE ASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS 0336.0324 FACILITY ELECTRICAL 0336.0324		0334.0130	0	226,000
CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR O336.0043 IPC & EXTERNAL PAINTING FL/GL - ON PAD LABOR FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY AID IN CONSTRUCT/SRD PARTY CONNECT CONTINGENCY - PIPELINE Total Intargible Cost WELLHAD EQUIPMENT SURFACE CONDUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS NUC LEASE EQUIPMENT WELL AUTOMATION MATERIALS NUC LEASE EQUIPMENT WALL AUTOMATION MATERIALS NUC LEASE EQUIPMENT WELL AUTOMATION MATERIALS NUC LEASE EQUIPMENT WETER STRING CASING GATHERING/FLOWLINES O336.0315 TANKS, STEPS, STAIRS O336.0324	27,312			42,312
STIMULATION FLUID FRACT REE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR O336.0106 FL/GL - ON PAD LABOR O336.0107 FL/GL - ON PAD LABOR O336.0107 FL/GL - LABOR O336.0110 SURVEY O336.0112 AID IN CONSTRUCT/SRD PARTY CONNECT O336.0114 CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS O336.0315 TANKS, STEPS, STAIRS O336.0324 FACILITY ELECTRICAL O336.0324				177,000
FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG, WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR 0336.0042 AUTOMATION LABOR 0336.0106 FL/GL - ON PAD LABOR 0336.0107 FL/GL - LABOR 0336.0107 FL/GL - LABOR 0336.0108 FL/GL - SUPERVISION 0336.0110 SURVEY 0336.0112 AID IN CONSTRUCT/3RD PARTY CONNECT 0336.0112 AID IN CONSTRUCT/3RD PARTY CONNECT CONDINCENCY - PIPELINE 0336.0191 Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE CASING TUBING SURFACE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WYC LEASE EQUIPMENT WYC LEASE EQUIPMENT WYC LEASE EQUIPMENT WYC LEASE EQUIPMENT 0336.0315 TANKS, STEPS, STAIRS 0336.0324	107,462	0334.0190	0	438,462
FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR 10336.0106 FL/GL - ON PAD LABOR FL/GL - LABOR 10336.0108 FL/GL - SUPERVISION 10336.0119 SURVEY AID IN CONSTRUCT/SRD PARTY CONNECT CONTINGENCY - PIPELINE 3336.0191 Total intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT METERING/FLOWLINES 0336.0315 TANKS, STEPS, STAIRS 0336.0324		0334.0083	0	155,000
BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKCVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR 1036.0043 IPC & EXTERNAL PAINTING 10336.0106 FL/GL - ON PAD LABOR 10336.0107 FL/GL - SUPERVISION 10336.0110 SURVEY 10336.0112 AID IN CONSTRUCT/SRD PARTY CONNECT 10336.0144 CONTINGENCY - PIPELINE 10336.0191 Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANIENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WETERS TAINS 10336.0321 METERING EQUIPMENT METERING EQUIPMENT WELEASE AUTOMATION MATERIALS 10336.0322 FACILITY ELECTRICAL 10336.0324		0334.0098	0	60,000
STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR O336.0043 IPC & EXTERNAL PAINTING O336.0106 FL/GL - ON PAD LABOR O336.0107 FL/GL - LABOR O336.0107 SURVEY O336.0112 AID IN CONSTRUCT/SRD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT O336.0315 TANKS, STEPS, STAIRS O336.0324 FACILITY ELECTRICAL O336.0324		0334.0102	30,000	30,000
STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR O336.0043 IPC & EXTERNAL PAINTING O336.0106 FL/GL - ON PAD LABOR O336.0107 FL/GL - LABOR O336.0107 SURVEY O336.0112 AID IN CONSTRUCT/SRD PARTY CONNECT O336.0112 AID IN CONSTRUCT/SRD PARTY CONNECT O336.0191 Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT O336.0315 TANKS, STEPS, STAIRS O336.0324 FACILITY ELECTRICAL O336.0324		0334.0110	0	40,000
PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR MICHANICAL LABOR MICHANICAL LABOR MICHANICAL PAINTING MICH		0334.0135		
COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR 10336.0043 IPC & EXTERNAL PAINTING 10336.0106 FL/GL - ON PAD LABOR FL/GL - LABOR 10336.0109 SURVEY 10336.0112 AID IN CONSTRUCT/SRD PARTY CONNECT 10336.0114 CONTINGENCY - PIPELINE 10336.0191 Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS 10336.0315 TANKS, STEPS, STAIRS 10336.0321 METERING EQUIPMENT METERING EQUIPMENT METERING EQUIPMENT 10336.0322 FACILITY ELECTRICAL 10336.0324			0	2,481,000
COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR 0336.0042 IPC & EXTERNAL PAINTING 0336.0106 FL/GL - ON PAD LABOR 10336.0107 FL/GL - LABOR 0336.0108 FL/GL - SUPERVISION 0336.0119 SURVEY 0336.0112 AID IN CONSTRUCT/3RD PARTY CONNECT 0336.0114 CONTINGENCY - PIPELINE 0336.0191 Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT 0336.0315 TANKS, STEPS, STAIRS 0336.0321 METERING EQUIPMENT 0336.0322 FACILITY ELECTRICAL 0336.0324		0334.0136	0	283,000
SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR 102 & EXTERNAL PAINTING 10336.0106 FL/GL - ON PAD LABOR 3036.0107 FL/GL - LABOR 3036.0107 FL/GL - LABOR 3036.0108 FL/GL - SUPERVISION 3036.0112 AID IN CONSTRUCT/3RD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS AGATHERING/FLOWLINES 3036.0317 METERING EQUIPMENT WETERS TAINS 3036.0322 FACILITY ELECTRICAL 3036.0324		0334.0150	0	21,000
MECHANICAL LABOR AUTOMATION LABOR 10236.0042 AUTOMATION LABOR 10336.0106 IPC & EXTERNAL PAINTING 10336.0107 FL/GL - ON PAD LABOR 10336.0108 FL/GL - SUPERVISION 10336.0109 SURVEY 10336.0112 AID IN CONSTRUCT/3RD PARTY CONNECT 10336.0112 AID IN CONSTRUCT/3RD PARTY CONNECT 10336.0191 Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT METERING/FLOWLINES 10336.0315 TANKS, STEPS, STAIRS 10336.0321 METERING EQUIPMENT METERING EQUIPMENT METERING EQUIPMENT METERING EQUIPMENT METERING EQUIPMENT 10336.0322 FACILITY ELECTRICAL 10336.0324		0334.0151	0	168,000
AUTOMATION LABOR IPC & EXTERNAL PAINTING 0336.0106 FL/GL - ON PAD LABOR 0336.0107 FL/GL - SUPERVISION 0336.0109 SURVEY 0336.0112 AID IN CONSTRUCT/SRD PARTY CONNECT 0336.0114 CONTINGENCY - PIPELINE 0336.0191 Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS 1036.0315 TANKS, STEPS, STAIRS 0336.0317 METERING EQUIPMENT METERING EQUIPMENT METERING EQUIPMENT 1036.0322 FACILITY ELECTRICAL 0336.0324		0334.0172	109,193	109,193
IPC & EXTERNAL PAINTING 0336.0106 FL/GL - ON PAD LABOR 0336.0107 FL/GL - LABOR 0336.0108 FL/GL - SUPERVISION 0336.0109 SURVEY 0336.0112 AID IN CONSTRUCT/SRD PARTY CONNECT 0336.0114 CONTINGENCY - PIPELINE 0336.0191 Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING INTERMEDIATE CASING PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT 0336.0316 TUBING SURFACE EQUIPMENT 0336.0316 CATHERING/FLOWLINES 0336.0317 METERING EQUIPMENT 0336.0321 METERING EQUIPMENT 0336.0322 FACILITY ELECTRICAL 0336.0324	150,727			150,727
FL/GL - ON PAD LABOR FL/GL - LABOR FL/GL - LABOR G336.0109 FL/GL - SUPERVISION G336.0119 AID IN CONSTRUCT/3RD PARTY CONNECT G336.0114 AID IN CONSTRUCT/3RD PARTY CONNECT G336.0191 Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WALL AUTOMATION MATERIALS N/C LEASE EQUIPMENT GATHERING/FLOWLINES G336.0303 GATHERING/FLOWLINES TANKS, STEPS, STAIRS G336.0321 METERING EQUIPMENT G336.0322 FACILITY ELECTRICAL G336.0324	44,672	0334.0043	0	44,672
FL/GL - ON PAD LABOR FL/GL - LABOR FL/GL - SUPERVISION 336.01109 SURVEY AID IN CONSTRUCT/3RD PARTY CONNECT O336.0112 AID IN CONSTRUCT/3RD PARTY CONNECT O336.0114 CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT 0336.0303 GATHERING/FLOWLINES TANKS, STEPS, STAIRS 0336.0315 TANKS, STEPS, STAIRS 0336.0322 FACILITY ELECTRICAL 0336.0324	12,277			12,277
FL/GL - LABOR 0336.0108 FL/GL - SUPERVISION 0336.0109 SURVEY 0336.0112 AID IN CONSTRUCT/3RD PARTY CONNECT 0336.0114 CONTINGENCY - PIPELINE 0336.0144 CONTINGENCY - PIPELINE 0336.0191 Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WYC LEASE EQUIPMENT WYC LEASE EQUIPMENT 0336.0303 GATHERING/FLOWLINES 0336.0315 TANKS, STEPS, STAIRS 0336.0321 METERING EQUIPMENT 0336.0322 FACILITY ELECTRICAL 0336.0324				
FL/GL - SUPERVISION 0336.0109 SURVEY 0336.0112 AID IN CONSTRUCT/3RD PARTY CONNECT 0336.0114 CONTINGENCY - PIPELINE 0336.0191 Total intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT O336.0303 GATHERING/FLOWLINES 0336.0315 TANKS, STEPS, STAIRS 0336.0321 METERING EQUIPMENT 0336.0322 FACILITY ELECTRICAL 0336.0324	101,729			101,729
SURVEY AID IN CONSTRUCT/SRD PARTY CONNECT O336.0112 O336.0144 CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT O336.0315 TANKS, STEPS, STAIRS 0336.0315 TANKS, STEPS, STAIRS 0336.0321 METERING EQUIPMENT 0336.0322 FACILITY ELECTRICAL 0336.0324	56,083			56,083
AID IN CONSTRUCT/3RD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT 0336.0303 GATHERING/FLOWLINES TANKS, STEPS, STAIRS 0336.0317 METERING EQUIPMENT 0336.0321 LEASE AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324	10,816			10,816
CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT 0336.0303 GATHERING/FLOWLINES 0336.0315 TANKS, STEPS, STAIRS 0336.0321 METERING EQUIPMENT 0336.0322 FACILITY ELECTRICAL 0336.0324	5,246			5,246
Total intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT W/C LEASE EQUIPMENT O336.0315 TANKS, STEPS, STAIRS 0336.0315 TANKS, STEPS, STAIRS 0336.0321 METERING EQUIPMENT 0336.0322 FACILITY ELECTRICAL 0336.0324	75,716			75,716
WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT 0336.0303 GATHERING/FLOWLINES 0336.0315 TANKS, STEPS, STAIRS 0336.0317 METERING EQUIPMENT 0336.0322 FACILITY ELECTRICAL 0336.0324	35,803			35,803
WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT 0336.0303 GATHERING/FLOWLINES 0336.0315 TANKS, STEPS, STAIRS 0336.0317 METERING EQUIPMENT 0336.0322 FACILITY ELECTRICAL 0336.0324	708,425		212,193	7,841,618
CONDUCTOR PIPE SURFACE CASING INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT 0336.0303 GATHERING/FLOWLINES 0336.0315 TANKS, STEPS, STAIRS 0336.0317 METERING EQUIPMENT 0336.0321 LEASE AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324	1 107,120	0334.0202	10,000	104,000
SURFACE CASING I INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT 0336.0303 GATHERING/FLOWLINES 0336.0315 TANKS, STEPS, STAIRS 0336.0317 METERING EQUIPMENT 0336.0322 LEASE AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324			10,000	
INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT GATHERING/FLOWLINES 0336.0315 TANKS, STEPS, STAIRS 0336.0317 METERING EQUIPMENT 0336.0321 LEASE AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324				6,000
PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT 0336.0303 GATHERING/FLOWLINES 036.0315 TANKS, STEPS, STAIRS 0336.0317 METERING EQUIPMENT 0336.0321 LEASE AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324				277,000
PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT GATHERING/FLOWLINES 1036.0315 TANKS, STEPS, STAIRS 0336.0317 METERING EQUIPMENT 10336.0321 LEASE AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324				781,800
WATER STRING CASING TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT 0336.0303 GATHERING/FLOWLINES 0336.0315 TANKS, STEPS, STAIRS 0336.0321 RETERING EQUIPMENT 0336.0321 LEASE AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324				245,000
TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT GATHERING/FLOWLINES 1036.0315 TANKS, STEPS, STAIRS METERING EQUIPMENT LEASE AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324		0334.0215	0	59,000
SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT 0336.0303 GATHERING/FLOWLINES 0336.0315 TANKS, STEPS, STAIRS 0336.0317 METERING EQUIPMENT 0336.0321 LEASE AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324				70,000
SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT 0336.0303 GATHERING/FLOWLINES 0336.0315 TANKS, STEPS, STAIRS 0336.0317 METERING EQUIPMENT 0336.0321 LEASE AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324		0334.0201	0	276,000
WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT GATHERING/FLOWLINES 10336.0315 TANKS, STEPS, STAIRS 0336.0317 METERING EQUIPMENT 10336.0321 LEASE AUTOMATION MATERIALS 1036.0322 FACILITY ELECTRICAL 10336.0324		0334.0203	15,000	15,000
N/C LEASE EQUIPMENT 0336.0303 GATHERING/FLOWLINES 0336.0315 TANKS, STEPS, STAIRS 0336.0317 METERING EQUIPMENT 0336.0321 LEASE AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324		0334.0329	5,000	
GATHERING/FLOWLINES 0336.0315 TANKS, STEPS, STARS 0336.0317 METERING EQUIPMENT 0336.0321 LEASE AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324	,			5,000
TANKS, STEPS, STAIRS 0336.0317 METERING EQUIPMENT 0336.0321 LEASE AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324	157,110		0	157,110
METERING EQUIPMENT 0336.0321 LEASE AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324		0334.0315	0	160,409
LEASE AUTOMATION MATERIALS 0336.0322 FACILITY ELECTRICAL 0336.0324	74,039			74,039
FACILITY ELECTRICAL 0336.0324	24,445			24,445
FACILITY ELECTRICAL 0336.0324	45,970			45,970
	66,034			66,034
	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

Authorization For Expenditure Drilling

AFE # PAF0000107

	Authorization for Expenditure Drill	rig		AIL # FAI 000010
Company Entity CIMAREX ENERGY CO	(999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name LOOSEY GOOSEY 4-9 FED COM 213H	Prospect	Property Number 411504576	AFE PAF0000107
County, State LEA, NM	Location Sections 4 and 9 20S-34E		Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation Bone Spring	Well Type	Ttl Measured Depth 19,600	Ttl Vetical Depth 10,000
Purpose Loosey Go	posev 4-9 Fed Com 213H			

Purpose Loosey Goosey 4-9 Fed Com 213F

Description

\$2,197,066
4
\$2,197,066
Cost
\$7,454,927
\$4,479,927
\$2,975,000
Cost

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 - LOOSEY GOOSEY 4-9 FED COM 213H

AFE # PAF0000107

		illing		o/Stim	Production		Post Cor		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
LAND/LEGAL/CURATIVE	0331.0002	10,000			0336.0002	0			10,00
DAMAGES	0331.0005	20,000			0336.0005	0			20,00
PAD CLEANUP	0331.0024	0	0333.0024	10,000			0334.0024	3,000	13,00
ROAD/PAD CONSTRUCTION	0331.0030	100,000			0336.0030	5,334			105,33
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		,00		-,		,	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		.55,000		,00			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	0330.0112	10,333			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	0331.0130	145,000	0333.0190		0330.0130	31,007	0334.0190		
FRAC TREE RENTAL				155,000				0	155,000
FLOWBACK SERVICES			0333.0098	60,000			0334.0098	0	60,000
			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		2,230	0333.0201	276,000			0334.0201	0	276,000
SURFACE EQUIPMENT				0,000			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					0336.0305	33,733	0334.0315	0	33,733
METERING FEQUIPMENT					0336.0321	16,800	3330313	U	
LEASE AUTOMATION MATERIALS					0336.0321				16,800
PRODUCTION EQUIPMENT FREIGHT					0336.0327	30,933			30,933
					0336.0327	10,000			10,000
FL/GL - MATERIALS SHORT ORDERS						19,467			19,467
					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
		4,469,800		4,260,000		680,000		242,193	9,651,993

AFE # PAF0000107

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

		Drilling			Comp/Stim	
Description	Codes		Amount	Codes		Amoun
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	0331.0090			00000		130,000
OTHER RIG/MISC EXPENSES	0331.0097		35,000	0333.0116		100.000
PRIMARY CEMENTING	0331.0116		71,000	0333.0116		109,000
WELL CONTROL EQUIP/SERVICES	0331.0120		243,000	0333.0130		426655
			90,000			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	0333.0202		30,000
SURFACE CASING	0331.0200		277,000			
INTERMEDIATE CASING I	0331.0207					
PRODUCTION CSG/TIE BACK	0331.0206		781,800	0333.0211		
PERMANENT DOWNHOLE EQUIPMENT			245,000	0333.0211		0
	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						
			1,494,800			314,000

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

AFE # PAF0000107

COIVI	21311	Production Equip			Post Completion		Total
Description	Codes	Production Equip	Amount	Codes	rost Completion	Amount	Cost
LAND/LEGAL/CURATIVE	0336.0002		0	codes		7 tiriodite	10,000
DAMAGES	0336.0005		0				20,000
PAD CLEANUP	0330.0003		0	0334.0024		3,000	
ROAD/PAD CONSTRUCTION	0336.0030		5,334	0334.0024		3,000	13,000
CONDUCTOR, MOUSE HOLE & CELLAR	0330.0030		5,554				105,334
							20,000
RIG MOBILIZE/DEMOBILIZE	0226 0040			02240040			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	1		10,555				177,000
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190		31,867	0334.0190		0	362,867
STIMULATION FLUID	0330.0130		31,007	0334.0083		0	
FRAC TREE RENTAL				0334.0098			155,000
						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 Co	st		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							
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	245,000
WATER STRING CASING				0334.0213		U	59,000
TUBING TUBING				0334.0201			70,000
						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
			11,000				
Total Tangible Co	st		358,266			30,000	2,197,066

COTERRA	Authorization For Expenditure Drilli	ng		AFE # PAF0000105
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name LOOSEY GOOSEY 4-9 FED COM 211H	Prospect	Property Number 411504572	AFE PAF0000105
County, State LEA, NM	Location Sections 4 and 9 20S-34E		Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation BONE SPRING	Well Type	Ttl Measured Depth 19,600	Ttl Vetical Depth 10,000
Purpose Loosey Goo	osey 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

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.

 Ionoperator 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.

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

AFE # PAF0000105

		lling		o/Stim	Production		Post Con		Total
Description	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/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		20,000					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	4E 000			0334.0095	0	
SURFACE RENTALS				45,000	0226 0006	2 222			186,000
	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	0222 0446	40	0226.0116		02246116		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				100,000			0334.0172	109,193	109,193
MECHANICAL LABOR					0336.0042	88,400		103,133	88,400
AUTOMATION LABOR					0336.0042		0334.0043	0	
IPC & EXTERNAL PAINTING					0336.0106	31,733	0334.0043	U	31,733
FL/GL - ON PAD LABOR						16,400			16,400
					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		-,-50	0333.0201	276,000			0334.0201	0	276,000
SURFACE EQUIPMENT				0,000			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	0,000	90,000
GATHERING/FLOWLINES					0336.0305		0334.0305	-	
METERING FOUIPMENT						33,733	0334.0313	0	33,733
					0336.0321 0336.0322	16,800			16,800
LEASE AUTOMATION MATERIALS						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
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AFE # PAF0000105

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

		Drilling		Comp/Stim
Description	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 - SUPERVISION				
SURVEY				
CONTINGENCY - PIPELINE				
Total Intangible Cos	it	2,975,000		3,946,000
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000
CONDUCTOR PIPE	0331.0206	6,000		30,000
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	0333.02.13	
TUBING	0331.0221	70,000	0333.0201	276,000
SURFACE EQUIPMENT			0333.0201	270,000
WELL AUTOMATION MATERIALS				
N/C LEASE EQUIPMENT				
GATHERING/FLOWLINES				
METERING EOUIPMENT				
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 Cos		1,494,800		314,000
Total Estimated Cos	t	4,469,800		4,260,000

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

AFE # PAF0000105

		Production Equip		Post Completion	Total
Description	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		103,133	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	0330.0131	321,734		212,193	7,454,927
WELLHEAD EQUIPMENT SURFACE		321,134	0334.0202	10,000	104,000
CONDUCTOR PIPE			033 1.0202	10,000	6,000
SURFACE CASING					277,000
INTERMEDIATE CASING I					781,800
PRODUCTION CSG/TIE BACK					
PERMANENT DOWNHOLE EQUIPMENT			0334.0215		245,000
			0554.0215	0	59,000
WATER STRING CASING TUBING			0334.0201		70,000
				0	276,000
SURFACE EQUIPMENT WELL AUTOMATION MATERIALS			0334.0203 0334.0329	15,000	15,000
				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
		680,000		242,193	9,651,993

Company Entity CIMAREX ENERGY CO (9	99901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name MIGHTY PHEASANT 5-8 FED COM 102H	Prospect	Property Number 411354288	AFE 026722068
County, State Lea, NM	Location Section 5, Township 20 South, Range 34 E	ast, Lea County, NM	Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation 1ST BONE SPRING	Well Type	Ttl Measured Depth 19,515	Ttl Vetical Depth 9,515
Purpose Drill and con	nplete well			
Description				
Intangible		Cost \$2.975.000		
,		Cost \$2,975,000 \$4,479,927		
Intangible Drilling Costs		\$2,975,000		
Intangible Drilling Costs Completion Costs		\$2,975,000 \$4,479,927		
Intangible Drilling Costs Completion Costs Total Intangible Cost		\$2,975,000 \$4,479,927 \$7,454,927		

Comments On Well Costs

Total Well Cost

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.

\$9,651,993

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.

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.

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

		illing		o/Stim	Production		Post Con		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
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		20,000					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	
SURFACE RENTALS				45,000	0226 0006	2 222		-	186,000
	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	0222 0445	40	0226.0116	4	02246115		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		103,133	88,400
AUTOMATION LABOR					0336.0043	31,733	0334.0043	0	31,733
IPC & EXTERNAL PAINTING					0336.0106	16,400		U	16,400
FL/GL - ON PAD LABOR					0336.0107				
FL/GL - SUPERVISION					0336.0109	84,000			84,000
SURVEY						11,867			11,867
					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					0336.0305	33,733	0334.0315	0	33,733
METERING EQUIPMENT					0336.0321	16,800		J	16,800
LEASE AUTOMATION MATERIALS					0336.0321	30,933			
PRODUCTION EQUIPMENT FREIGHT					0336.0327				30,933
					0336.0327	10,000			10,000
FL/GL - MATERIALS						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

AFE # 026722068

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

		Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amoun
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		44,000
DRILLING RIG	0331.0050	758,000		44,000
CASING CREW	0331.0055	43,000		
TUBULAR INSPECTIONS	0331.0056	60,000		4,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059			4,000
RIG FUEL	0331.0039	25,000		
		87,000		(
WATER & TRANSFER/TRUCKING (NOT	0331.0073	25,000		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		1117
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000		136,000
OVERHEAD	0331.0142	15,000		150,000
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000		52,000
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190			
	0551.0190	143,000		188,000
STIMULATION FLUID			0333.0083	155,000
FRAC TREE RENTAL			0333.0098	60,000
FLOWBACK SERVICES			0333.0102	C
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	4			
Total Intangible Cos		2,975,000		3,946,000
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000		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	C
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0
WATER STRING CASING	0331.0221	70,000		
TUBING		1.7,222	0333.0201	276,000
SURFACE EQUIPMENT				270,000
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				
FACILITY LINE PIPE Total Tangible Cos	t	1.494.800		314.000

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

		Production Equip			Post Completion		Total
Description	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				0331.0073		U	
DRILLING MUD & ADDITIVES							62,000
DIRECTIONAL DRILLING SERVICES							285,000
DOWNHOLE RENTALS				0334.0095			319,000
	00000000					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			
MECHANICAL LABOR	0336.0042		00.400	0334.0172		109,193	109,193
AUTOMATION LABOR	0336.0042		88,400	0334.0043		0	88,400
IPC & EXTERNAL PAINTING			31,733	0554.0045		0	31,733
	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			
GATHERING/FLOWLINES	0336.0315			0334.0315		0	90,000
METERING EQUIPMENT			33,733	0334.0313		U	33,733
	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

COTERRA	Authorization For Expenditure	Drilling		AFE # PAF0000104
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name MIGHTY PHEASANT 5-8 FED COM 213H	Prospect	Property Numbe 411504570	r AFE PAF0000104
County, State LEA, NM	Location Sections 5 and 8 20S-34E		Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation Bone Spring	Well Type	Ttl Measured Depth 19,600	Ttl Vetical Depth 10,000
Purpose Mighty Phe Description	easant 5-8 Fed Com 213H			
Intangible		Cost		
Drilling Costs		\$2,975,000		
Completion Cost	ts	\$4,479,927		
Total Intangible Cost		\$7,454,927		
Tangible		Cost		
Tangible		\$2,197,066		
Total Tangible Cost		\$2,197,066		

Comments On Well Costs

Total Well Cost

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.

\$9,651,993

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.

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.

Approved By (Print Name)	Approved By (Signature)	Date
	Approved By (Print Name)	Approved By (Print Name) Approved By (Signature)

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.

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

AFE # PAF0000104

		lling		o/Stim	Production		Post Con		Total
Description	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/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				, .00			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		10,555			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	0331.0130	143,000	0333.0083	155,000	0330.0130	31,007	0334.0083	0	155,000
FRAC TREE RENTAL			0333.0098	60,000			0334.0098	0	60,000
FLOWBACK SERVICES			0333.0102	00,000			0334.0102	30.000	30,000
BRIDGE PLUGS/FRAC PLUGS			0333.0102	40,000			0334.0102	0	,
STIMULATION/FRACTURING			0333.0110				0334.0110	0	40,000
PERFORATING & WIRELINE SERVICES			0333.0136	2,481,000			0334.0136	-	2,481,000
COMPLETION RIG/WORKOVER RIG			0333.0150	283,000			0334.0150	0	283,000
COIL TUBING SERVICES				21,000			0334.0151	0	21,000
SWD - PIPED TO 3RD PARTY SWD WELL			0333.0151	168,000			0334.0151	0	168,000
MECHANICAL LABOR					0336.0042	00.400	0554.0172	109,193	109,193
						88,400	02240042		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				
SECONDARY CONTAINMENTS					0336.0336	128,400			128,400
FACILITY LINE PIPE					0336.0336	5,333			5,333
		1 40 4 000		214.000	0330.0339	11,600		30,000	11,600
Total Tangible Cost Total Estimated Cost		1,494,800 4,469,800		314,000 4,260,000		358,266		30,000 242,193	2,197,066
						680,000			9,651,993

AFE # PAF0000104

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

		Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amour
LAND/LEGAL/CURATIVE	0331.0002	10,000		
DAMAGES	0331.0005	20,000		
PAD CLEANUP	0331.0024	0	0333.0024	10,00
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	
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	
RIG FUEL	0331.0071	87,000	0333.0071	
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	2333.0330	130,000
OTHER RIG/MISC EXPENSES	0331.0037	71,000	0333.0116	109,000
PRIMARY CEMENTING	0331.0110		0333.0110	109,000
WELL CONTROL EQUIP/SERVICES	0331.0120	243,000	0333.0130	425.000
OVERHEAD	0331.0130	90,000	0333.0130	136,000
		15,000		(
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	(
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 Cos	t	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	
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	
WATER STRING CASING	0331.0221	70,000		
TUBING		7 6,666	0333.0201	276,000
SURFACE EQUIPMENT				270,000
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 Cos		1,494,800		314,000
Total Estimated Cos	t	4,469,800		4,260,000

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

AFE # PAF0000104

COM 2	213H				
L		Production Equip		Post Completion	Total
Description	Codes	Amo		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	5,7	34		105,334
CONDUCTOR, MOUSE HOLE & CELLAR					20,000
RIG MOBILIZE/DEMOBILIZE					110,000
SUPERVISION	0336.0040	14,	00 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	
DRILL BITS					62,000
DRILLING MUD & ADDITIVES					285,000
DIRECTIONAL DRILLING SERVICES					319,000
DOWNHOLE RENTALS			0334.0095	0	
SURFACE RENTALS	0336.0096	3.			
SOLIDS CONTROL EQUIP/SERVICES	0330.0030	5,-	33 0334.0096	60,000	291,333
	0226 0116		02240445		35,000
OTHER RIG/MISC EXPENSES	0336.0116	14,	0334.0116	0	
PRIMARY CEMENTING					243,000
WELL CONTROL EQUIP/SERVICES			0334.0130	0	226,000
OVERHEAD	0336.0142	16,	33		31,533
MUD DISPOSAL LABOR/EQUIP					177,000
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	31,	67 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	
PERFORATING & WIRELINE SERVICES			0334.0136	0	
COMPLETION RIG/WORKOVER RIG			0334.0150	0	
COIL TUBING SERVICES			0334.0151	0	
SWD - PIPED TO 3RD PARTY SWD WELL			0334.0172	109,193	109,193
MECHANICAL LABOR	0336.0042	88,		103,133	88,400
AUTOMATION LABOR	0336.0043	31,		0	31,733
IPC & EXTERNAL PAINTING	0336.0106	16,		0	16,400
FL/GL - ON PAD LABOR	0336.0107				
FL/GL - SUPERVISION		84,			84,000
	0336.0109	11,			11,867
SURVEY	0336.0112		67		1,467
CONTINGENCY - PIPELINE	0336.0191		100		2,000
Total Intangible Cos	t	321,		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	
SURFACE EQUIPMENT			0334.0203	15,000	15,000
WELL AUTOMATION MATERIALS			0334.0329	5,000	5,000
N/C LEASE EQUIPMENT	0336.0303	90,		3,000	90,000
GATHERING/FLOWLINES	0336.0315	33,		0	33,733
METERING EQUIPMENT	0336.0321	16,		0	
LEASE AUTOMATION MATERIALS	0336.0321				16,800
PRODUCTION EQUIPMENT FREIGHT	0336.0322	30,			30,933
		10,			10,000
FL/GL - MATERIALS	0336.0331	19,			19,467
SHORT ORDERS	0336.0332		33		9,333
WALKOVERS	0336.0334		67		2,667
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335	128,			128,400
SECONDARY CONTAINMENTS	0336.0336	5,	33		5,333
FACILITY LINE PIPE	0336.0339	11,	000		11,600
Total Tangible Cos	t	358,	266	30,000	2,197,066
Total Estimated Cost		680,0		242,193	

Authorization For Expenditure Drilling

AFE # 026722073

	'	9		
Company Entity CIMAREX ENERGY CO (9	999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name MIGHTY PHEASANT 5-8 FED COM 203H	Prospect	Property Number 411354283	AFE 026722073
County, State Lea, NM	Location Section 5, Township 20 South, Range 3	4 East, Lea County, NM	Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation 2nd Bone Spring	Well Type	Ttl Measured Depth 20,320	Ttl Vetical Depth 10,320
Purpose Drill and co Description	mplete well			
Intangible		Cost		
Drilling Costs		\$2,975,000		
Completion Costs Total Intangible Cost	S	\$4,479,927 \$7,454,927		
Total mangible cost		ψ1,434,3 <u>21</u>		
Tangible		Cost		
Tangible		\$2,197,066		
Total Tangible Cost		\$2,197,066		
Total Well Cost		\$9,651,993		
Comments On Well Co	nets			
	e equipment is priced by COPAS and CEPS guidelin	nes using the Historic Price M	lultiplier.	
Well Control Insurance				
Operator so long as Operat control insurance, you must	below, you, as a non-operating working interest of tor conducts operations hereunder and to pay you to provide a certificate of such insurance acceptable mencement of drilling operations. You agree that to procured by Operator.	r prorated share of the premi e to Operator, as to form and	iums therefore. If you elect to limits, at the time this AFE is r	purchase your own well eturned, if available, but
I elect to pure	chase my own well control insurance polic	y.		
Marketing Election				
Cimarex sells its gas under insufficient volumes deliver Upon written request to Cir	arm's-length contracts with third party purchasers red over time. Should you choose to market your : marex's Marketing Department, we will share with emed an election to market your gas with Cimarex	share of gas with Cimarex, yo you the terms and conditions	u will be subject to all of the t s pursuant to which gas will be	erms of such contracts.
I elect to take	my gas in kind.			
	ket my gas with Cimarex pursuant to the t	erms and conditions of i	ts contract.	
costs without affecting the	tes only and anticipate trouble free operations wit authorization for expenditure herein granted. By a ve, regulatory and well costs under term of the join	approval of this AFE, the work	king interest owner agrees to	pay its proportionate
Nonoperator Approval				
Company	Approved By (Print Name)	Approv	ed 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.

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

		illing		o/Stim	Production		Post Cor		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
LAND/LEGAL/CURATIVE	0331.0002	10,000			0336.0002	0			10,00
DAMAGES	0331.0005	20,000			0336.0005	0			20,00
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		.50,000		3,555		,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	0331.0110	243,000		100,000		1-4,-400		U	243,000
WELL CONTROL EQUIP/SERVICES	0331.0120	90,000	0333.0130	136,000			0334.0130	0	226,000
OVERHEAD	0331.0130		0333.0130	136,000	0336.0142	16,533	0334.0130	U	
MUD DISPOSAL LABOR/EQUIP	0331.0142	15,000	0333.0142		0330.0142	10,555			31,533
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0190	125,000		52,000	0336.0190	21.067	0224 0100	0	177,000
	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	0331.0211	59,000	0333.0215	0			0334.0215	0	59,000
WATER STRING CASING	0331.0221		0555.0215	U			0331.0213	U	
TUBING	0331.0221	70,000	0333.0201	276,000			0334.0201	0	70,000 276,000
SURFACE EQUIPMENT			3333.0201	210,000			0334.0201		
WELL AUTOMATION MATERIALS								15,000	15,000
N/C LEASE EQUIPMENT					0226 0202	00.00-	0334.0329	5,000	5,000
,					0336.0303 0336.0315	90,000	0334.0303	0	90,000
GATHERING/FLOWLINES						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 Tanglore Cost									

AFE # 026722073

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

		Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amoun
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 Co.		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 Co.		1,494,800		314,000
Total Estimated Cos	t	4,469,800		4,260,000

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

		Production Equip			Post Completion		Total
Description	Codes	An	nount	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	1,400	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	2230.0030		,,,,,,	223 1.0030		00,000	35,000
OTHER RIG/MISC EXPENSES	0336.0116	1	1,400	0334.0116		0	
PRIMARY CEMENTING	0.530.0110	14	+,400	0554.0110		0	194,400 243,000
				0224 0120		0	
WELL CONTROL EQUIP/SERVICES OVERHEAD	0226 0142			0334.0130		0	226,000
	0336.0142	10	5,533				31,533
MUD DISPOSAL LABOR/EQUIP	00000000			00010100			177,000
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	3.	1,867	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	3,400				88,400
AUTOMATION LABOR	0336.0043	3:	1,733	0334.0043		0	31,733
IPC & EXTERNAL PAINTING	0336.0106	10	5,400				16,400
FL/GL - ON PAD LABOR	0336.0107	84	1,000				84,000
FL/GL - SUPERVISION	0336.0109		1,867				11,867
SURVEY	0336.0112		1,467				1,467
CONTINGENCY - PIPELINE	0336.0191		2,000				2,000
Total Intangible Cost			1,734			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	
WATER STRING CASING				0334.0213		U	59,000
TUBING				0334.0201		0	70,000
SURFACE EQUIPMENT				0334.0201		15,000	276,000
WELL AUTOMATION MATERIALS				0334.0203		15,000	15,000
	0226 0202	_	000			5,000	5,000
N/C LEASE EQUIPMENT	0336.0303		0,000	0334.0303		0	90,000
GATHERING/FLOWLINES	0336.0315		3,733	0334.0315		0	33,733
METERING EQUIPMENT	0336.0321		5,800				16,800
LEASE AUTOMATION MATERIALS	0336.0322		0,933				30,933
PRODUCTION EQUIPMENT FREIGHT	0336.0327		0,000				10,000
FL/GL - MATERIALS	0336.0331		9,467				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	3,400				128,400
SECONDARY CONTAINMENTS	0336.0336		5,333				5,333
FACILITY LINE PIPE	0336.0339	1	1,600				11,600
Total Tangible Cost		35	3,266			30,000	2,197,066
Total Estimated Cost			,000			242,193	9,651,993

J COTERIOR	Authorization For Expenditure	Drilling		AFE # 026/220//
Company Entity CIMAREX ENERGY CO	(999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	REX ENERGY CO (999901) ation Region Well Name IAN BASIN MIGHTY PHEASANT 5-8 FED COM 303H y, State Location IM Section 5, Township 20 South, Rar ew Formation upplement 3rd Bone Spring asse Drill and complete well application gible Drilling Costs Completion Costs	Prospect	Property Number 411354279	AFE 026722077
County, State Lea, NM	Location Section 5, Township 20 South, Rango	e 34 East, Lea County, NM	Estimated Spud 11/9/2022	Estimated Completion
X New Supplement		Well Type	Ttl Measured Depth 20,870	Ttl Vetical Depth 10,870
		6.1		
Intangible Drilling Costs		Cost \$2,975,000		
9	ts	\$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		
6 . 0 . 11 . 11 . 6	- de-			

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.

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.

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

	Dr	illing	Com	p/Stim	Product	ion Equip	Post Cor	noletion	Total
Description	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	2,056			22,056
PAD CLEANUP	0331.0024	0	0333.0024	10,000		2,030	0334.0024	3,000	13,000
ROAD/PAD CONSTRUCTION	0331.0030	100,000		10,000	0336.0030	34,883		3,000	134,883
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000			0330.0030	34,003			20,000
RIG MOBILIZE/DEMOBILIZE	0331.0031	110,000							110,000
SUPERVISION	0331.0033		0333.0040	44.000	0336.0040	18.928	0334.0040	F 000	
DRILLING RIG		90,000	0333.0040	44,000	0330.0040	18,928	0334.0040	5,000	157,928
	0331.0050	758,000	0222 0055						758,000
CASING CREW	0331.0055	43,000	0333.0055	0			00010055		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	0331.0130	15,000	0333.0142	0	0336.0142	27,312		3	42,312
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000		21,512			177,000
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0190	143,000	0333.0100	188,000	0336.0190	107,462	0334.0190	0	438,462
STIMULATION FLUID	0331.0130	143,000	0333.0083		0330.0130	107,402	0334.0083	0	155,000
FRAC TREE RENTAL			0333.0098	155,000 60,000			0334.0098	0	60,000
FLOWBACK SERVICES			0333.0090				0334.0098		
BRIDGE PLUGS/FRAC PLUGS				0				30,000	30,000
			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		700,123	0334.0202	10,000	104,000
CONDUCTOR PIPE	0331.0206	6,000		30,000				10,000	6,000
SURFACE CASING	0331.0207								
INTERMEDIATE CASING I	0331.0207	277,000							277,000
PRODUCTION CSG/TIE BACK		781,800	0222 0214	_					781,800
PERMANENT DOWNHOLE EQUIPMENT	0331.0211	245,000	0333.0211 0333.0215	0			0334.0215		245,000
	0331.0215	59,000	U333.U215	0			0554.0215	0	59,000
WATER STRING CASING	0331.0221	70,000	0222.0007	07777			02240224		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					0336.0333				6,490
BATTERY (HTR TRTR,SEPAR,GAS T)					0336.0335	6,490			
SECONDARY CONTAINMENTS					0336.0336	240,288			240,288
						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

AFE # 026722077

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

		Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amou
LAND/LEGAL/CURATIVE	0331.0002	10,000		
DAMAGES	0331.0005	20,000		
PAD CLEANUP	0331.0024	0	0333.0024	10,00
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	44,00
DRILLING RIG	0331.0050	758,000		
CASING CREW	0331.0055	43,000	0333.0055	
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,00
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000		
RIG FUEL	0331.0071	87,000		
WATER & TRANSFER/TRUCKING (NOT	0331.0073	25,000		20,00
DRILL BITS	0331.0080	62,000		20,000
DRILLING MUD & ADDITIVES	0331.0082	285,000		
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000		
DOWNHOLE RENTALS	0331.0095	141,000		45,00
SURFACE RENTALS	0331.0096	98,000		130,00
SOLIDS CONTROL EQUIP/SERVICES	0331.0097			130,00
OTHER RIG/MISC EXPENSES	0331.0037	35,000		100.00
PRIMARY CEMENTING	0331.0116	71,000		109,00
WELL CONTROL EQUIP/SERVICES	0331.0120	243,000		40000
		90,000		136,00
OVERHEAD	0331.0142	15,000		52.00
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000		52,00
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190	143,000		188,00
STIMULATION FLUID			0333.0083	155,00
FRAC TREE RENTAL			0333.0098	60,00
FLOWBACK SERVICES			0333.0102	
BRIDGE PLUGS/FRAC PLUGS			0333.0110	40,00
STIMULATION/FRACTURING			0333.0135	2,481,00
PERFORATING & WIRELINE SERVICES			0333.0136	283,00
COMPLETION RIG/WORKOVER RIG			0333.0150	21,00
COIL TUBING SERVICES			0333.0151	168,00
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 Cos	t	2,975,000		3,946,00
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000		38,00
CONDUCTOR PIPE	0331.0206	6,000		36,00
SURFACE CASING	0331.0207			
INTERMEDIATE CASING I	0331.0207	277,000		
PRODUCTION CSG/TIE BACK	0331.0200	781,800		
		245,000		
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	
WATER STRING CASING	0331.0221	70,000	0222.0224	
TUBING			0333.0201	276,00
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)				
OVERHEAD POWER DISTR (TO FACILITY) TELECOMMUNICATION EQUIPMENT	t	1,494,800		314,00

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

		Production Equip		Post Completion	Total
Description	Codes	Amoun	t Codes	Amoun	t Cos
LAND/LEGAL/CURATIVE	0336.0002				10,000
DAMAGES	0336.0005	2,050	5		22,056
PAD CLEANUP			0334.0024	3,000	
ROAD/PAD CONSTRUCTION	0336.0030	34,88	3	2711	134,883
CONDUCTOR, MOUSE HOLE & CELLAR		3 1,00.			20,000
RIG MOBILIZE/DEMOBILIZE					
SUPERVISION	0336.0040	40.00	R 0334.0040	5.00	110,000
	0556.0040	18,92	3 0554.0040	5,000	
DRILLING RIG					758,000
CASING CREW					43,000
TUBULAR INSPECTIONS			0334.0056		64,000
WELDING/ROUSTABOUTS/LEASE CREWS			0334.0059	5,000	30,000
RIG FUEL			0334.0071		87,000
WATER & TRANSFER/TRUCKING (NOT DRLG			0334.0073		45,000
DRILL BITS					62,000
DRILLING MUD & ADDITIVES					285,000
DIRECTIONAL DRILLING SERVICES					
DOWNHOLE RENTALS			0334.0095		319,000
					186,000
SURFACE RENTALS	0336.0096	2,00	0334.0096	60,000	
SOLIDS CONTROL EQUIP/SERVICES					35,000
OTHER RIG/MISC EXPENSES	0336.0116	22,714	4 0334.0116		202,714
PRIMARY CEMENTING					243,000
WELL CONTROL EQUIP/SERVICES			0334.0130		226,000
OVERHEAD	0336.0142	27,31			42,312
MUD DISPOSAL LABOR/EQUIP		21,311			
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	407.40	0334.0190		177,000
	0550.0190	107,462			438,462
STIMULATION FLUID			0334.0083		155,000
FRAC TREE RENTAL			0334.0098		60,000
FLOWBACK SERVICES			0334.0102	30,000	30,000
BRIDGE PLUGS/FRAC PLUGS			0334.0110		40,000
STIMULATION/FRACTURING			0334.0135		2,481,000
PERFORATING & WIRELINE SERVICES			0334.0136		283,000
COMPLETION RIG/WORKOVER RIG			0334.0150		21,000
COIL TUBING SERVICES			0334.0151		
					168,000
SWD - PIPED TO 3RD PARTY SWD WELL			0334.0172	109,19	
MECHANICAL LABOR	0336.0042	150,72			150,727
AUTOMATION LABOR	0336.0043	44,67	0334.0043		44,672
IPC & EXTERNAL PAINTING	0336.0106	12,27	7		12,277
FL/GL - ON PAD LABOR	0336.0107	101,729	9		101,729
FL/GL - LABOR	0336.0108	56,08			56,083
FL/GL - SUPERVISION	0336.0109	10,810			10,816
SURVEY	0336.0112	5,24			5,246
AID IN CONSTRUCT/3RD PARTY CONNECT	0336.0144				
		75,710			75,716
CONTINGENCY - PIPELINE	0336.0191	35,80			35,803
Total Intangible Cos	t	708,42	5	212,19	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					
PERMANENT DOWNHOLE EQUIPMENT			0334.0215		245,000
			0554.0215		59,000
WATER STRING CASING			0004055		70,000
TUBING			0334.0201		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		157,110
GATHERING/FLOWLINES	0336.0315		0334.0315		160,409
TANKS, STEPS, STAIRS	0336.0317				74,039
METERING EQUIPMENT	0336.0321	74,03			
		24,44			24,445
LEASE AUTOMATION MATERIALS	0336.0322	45,970			45,970
FACILITY ELECTRICAL	0336.0324	66,034			66,034
PRODUCTION EQUIPMENT FREIGHT	0336.0327	23,25	5		23,256
FL/GL - MATERIALS	0336.0331	19,950	5		19,956
SHORT ORDERS	0336.0332	4,320			4,326
PUMPS	0336.0333	33,58			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	1		324
	0336.0339	30,070			30,070
FACILITY LINE PIPE	0330.0333				
FACILITY LINE PIPE Total Tangible Cos		941,57		30,00	

COTERRA	Authorization For Expenditure L	Prilling		AFE # 026/220/
Company Entity CIMAREX ENERGY CO (9	999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name MIGHTY PHEASANT 5-8 FED COM 201H	Prospect	Property Number 411354285	AFE 026722071
County, State Lea, NM	Location Section 5, Township 20 South, Range 34	4 East, Lea County, NM	Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation 2nd Bone Spring	Well Type	Ttl Measured Depth 20,320	Ttl Vetical Depth 10,320
Purpose Drill and co Description	mplete well			
Intangible		Cost		
Drilling Costs		\$2,975,000		
Completion Costs	S	\$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 Co	osts			
1. All tubulars, well or lease	e equipment is priced by COPAS and CEPS guidelin	nes using the Historic Price M	1ultiplier.	
	below, you, as a non-operating working interest o			

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.

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.

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

		illing		o/Stim	Production		Post Con		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
LAND/LEGAL/CURATIVE	0331.0002	10,000			0336.0002	0			10,00
DAMAGES	0331.0005	20,000			0336.0005	0			20,00
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		1 15,000	0333.0083	155,000		31,001	0334.0083	0	155,000
FRAC TREE RENTAL			0333.0098	60,000			0334.0098	0	60,000
FLOWBACK SERVICES			0333.0102	00,000			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	
COIL TUBING SERVICES			0333.0151	168,000			0334.0151	0	21,000 168,000
SWD - PIPED TO 3RD PARTY SWD WELL			0333.0131	100,000			0334.0172	109.193	109,193
MECHANICAL LABOR					0336.0042	88,400	0331.0172	105,155	,
AUTOMATION LABOR					0336.0042		0334.0043	0	88,400
IPC & EXTERNAL PAINTING					0336.0106	31,733	0334.0043	0	31,733
FL/GL - ON PAD LABOR					0336.0107	16,400			16,400
FL/GL - SUPERVISION					0336.0107	84,000			84,000
SURVEY					0336.0109	11,867			11,867
						1,467			1,467
CONTINGENCY - PIPELINE		2.075.000		2.046.000	0336.0191	2,000		212 102	2,000
Total Intangible Cost WELLHEAD EQUIPMENT SURFACE		2,975,000	0222 0202	3,946,000		321,734	02240202	212,193	7,454,927
	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
Tabilita of the Cont		1,494,800		314,000		358,266		30,000	2,197,066
Total Tangible Cost		1,494,000		314,000		330,200		30,000	2,137,000

AFE # 026722071

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

		Drilling		Comp/Stim
Description	Codes	Amount		Amount
LAND/LEGAL/CURATIVE	0331.0002	10,000		
DAMAGES	0331.0005	20,000		
PAD CLEANUP	0331.0024	0		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		44,000
DRILLING RIG	0331.0050	758,000		
CASING CREW	0331.0055	43,000		C
TUBULAR INSPECTIONS	0331.0056	60,000		4,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000		C
RIG FUEL	0331.0071	87,000		C
WATER & TRANSFER/TRUCKING (NOT	0331.0073	25,000		20,000
DRILL BITS	0331.0080	62,000		
DRILLING MUD & ADDITIVES	0331.0082	285,000		
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000		
DOWNHOLE RENTALS SURFACE RENTALS	0331.0095	141,000		45,000
	0331.0096	98,000		130,000
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000		
OTHER RIG/MISC EXPENSES	0331.0116	71,000		109,000
PRIMARY CEMENTING	0331.0120	243,000		
WELL CONTROL EQUIP/SERVICES		90,000		136,000
OVERHEAD	0331.0142	15,000		(
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000		52,000
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190	143,000		188,000
STIMULATION FLUID FRAC TREE RENTAL			0333.0083	155,000
				60,000
FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS			0333.0102 0333.0110	(0.000
STIMULATION/FRACTURING			0333.0110	40,000
PERFORATING & WIRELINE SERVICES			0333.0135	2,481,000
COMPLETION RIG/WORKOVER RIG			0333.0150	283,000
COIL TUBING SERVICES			0333.0151	21,000
SWD - PIPED TO 3RD PARTY SWD WELL			0555.0151	168,000
MECHANICAL LABOR				
AUTOMATION LABOR				
IPC & EXTERNAL PAINTING				
FL/GL - ON PAD LABOR				
FL/GL - SUPERVISION				
SURVEY				
CONTINGENCY - PIPELINE				
Total Intangible Cos		2,975,000		3,946,000
WELLHEAD EQUIPMENT SURFACE	0331 0202	2,975,000		3,946,000
CONDUCTOR PIPE	0331.0202	6,000		38,000
SURFACE CASING	0331.0207			
INTERMEDIATE CASING I	0331.0207	277,000		
PRODUCTION CSG/TIE BACK	0331.0208	781,800		0
PERMANENT DOWNHOLE EQUIPMENT	0331.0211	245,000 59,000		
WATER STRING CASING	0331.0213	70,000		
TUBING	0331.0221	70,000	0333.0201	276,000
SURFACE EQUIPMENT			0333.0201	276,000
WELL AUTOMATION MATERIALS				
N/C LEASE EQUIPMENT				
GATHERING/FLOWLINES				
METERING FOUIPMENT				
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 Cos		1.494.800		314,000

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

	Pro	duction Equip		Post Completion	Total
Description	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		5,555	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		,		5,555	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		3,333		00,000	35,000
OTHER RIG/MISC EXPENSES	0336.0116	14,400	0334.0116	0	194,400
PRIMARY CEMENTING		14,400		0	243,000
WELL CONTROL EQUIP/SERVICES			0334.0130	0	226,000
OVERHEAD	0336.0142	16,533	033 1.0 130	0	31,533
MUD DISPOSAL LABOR/EQUIP	0330.0112	10,333			177,000
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	31,867	0334.0190	0	362,867
STIMULATION FLUID	0550.0150	31,007	0334.0083	0	
FRAC TREE RENTAL			0334.0083	0	155,000 60,000
FLOWBACK SERVICES			0334.0102		
BRIDGE PLUGS/FRAC PLUGS			0334.0102	30,000	30,000 40,000
STIMULATION/FRACTURING			0334.0135	0	
PERFORATING & WIRELINE SERVICES			0334.0136	0	2,481,000
COMPLETION RIG/WORKOVER RIG			0334.0150		283,000
COIL TUBING SERVICES			0334.0151	0	21,000 168,000
SWD - PIPED TO 3RD PARTY SWD WELL			0334.0172		
MECHANICAL LABOR	0336.0042	99.400	0334.0172	109,193	109,193
AUTOMATION LABOR	0336.0042	88,400	0334.0043	0	88,400
IPC & EXTERNAL PAINTING	0336.0106	31,733	0334.0043	0	31,733
FL/GL - ON PAD LABOR	0336.0107	16,400			16,400
FL/GL - SUPERVISION	0336.0109	84,000			84,000
SURVEY	0336.0112	11,867			11,867
CONTINGENCY - PIPELINE	0336.0191	1,467			1,467
Total Intangible Cost		2,000		242.402	2,000
WELLHEAD EQUIPMENT SURFACE		321,734	0334.0202	212,193	7,454,927
CONDUCTOR PIPE			0334.0202	10,000	104,000
					6,000
SURFACE CASING					277,000
INTERMEDIATE CASING I					781,800
PRODUCTION CSG/TIE BACK			02240245		245,000
PERMANENT DOWNHOLE EQUIPMENT			0334.0215	0	59,000
WATER STRING CASING			0224 0201		70,000
TUBING			0334.0201	0	276,000
SURFACE EQUIPMENT			0334.0203	15,000	15,000
WELL AUTOMATION MATERIALS	0005 0000		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

COTERRA	Authorization For Expenditure	Drilling		AFE # 026722062
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name LOOSEY GOOSEY 4-9 FED COM 102	Prospect H	Property Number 411354300	AFE 026722062
County, State Lea, NM	Location Section 33, Township 19 South, Ran-	ge 34 East	Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation 1ST BONE SPRING	Well Type	Ttl Measured Depth 19,520	Ttl Vetical Depth 9,520
Purpose Drill and co	omplete well			
Intangible		Cost		
Drilling Costs		\$2,975,000		
Completion Cost Total Intangible Cost	S	\$4,479,927 \$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.

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

		illing		p/Stim	Production		Post Cor		Total
Description	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/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		150,000		3,333		00,000	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	0331.0110	243,000	5555.0110	105,000	5330.0110	14,400	5554.0110	U	243,000
WELL CONTROL EQUIP/SERVICES	0331.0120	90,000	0333.0130	126,000			0334.0130	0	
OVERHEAD	0331.0130		0333.0130	136,000	0336.0142	16 522	0334.0130	U	226,000
MUD DISPOSAL LABOR/EQUIP		15,000		0	0330.0142	16,533			31,533
	0331.0165 0331.0190	125,000	0333.0165	52,000	0226 0400	24.057	0334.0190		177,000
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0190	143,000	0333.0190	188,000	0336.0190	31,867		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		U	16,800
LEASE AUTOMATION MATERIALS					0336.0322	30,933			30,933
PRODUCTION EQUIPMENT FREIGHT					0336.0327	10,000			10,000
FL/GL - MATERIALS					0336.0327				19,467
SHORT ORDERS					0336.0332	19,467			
						9,333			9,333
WALKOVERS PATTEDY (LITE TETTE SERAN CAS T)					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		4.40.171		24	0336.0339	11,600		20	11,600
Total Tangible Cost		1,494,800		314,000		358,266	<u> </u>	30,000	2,197,066
Total Estimated Cost		4,469,800		4,260,000		680,000		242,193	9,651,993

AFE # 026722062

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

		Drilling		Comp/Stim
Description	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		1 10,250	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				100,000
MECHANICAL LABOR				
AUTOMATION LABOR				
IPC & EXTERNAL PAINTING				
FL/GL - ON PAD LABOR				
FL/GL - SUPERVISION				
SURVEY				
CONTINGENCY - PIPELINE				
Total Intangible Cos		2.075.000		2.045.000
WELLHEAD EQUIPMENT SURFACE	0331 0202	2,975,000	0333.0202	3,946,000
CONDUCTOR PIPE	0331.0202	56,000	0555.0202	38,000
		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	0000000	
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 Cos	st	1,494,800		314,000

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

		Production Equip			Post Completion		Total
Description	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				0331.0073		U	
DRILLING MUD & ADDITIVES							62,000
DIRECTIONAL DRILLING SERVICES							285,000
DOWNHOLE RENTALS				0334.0095			319,000
	00000000					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			
MECHANICAL LABOR	0336.0042		00.400	0334.0172		109,193	109,193
AUTOMATION LABOR	0336.0042		88,400	0334.0043		0	88,400
IPC & EXTERNAL PAINTING			31,733	0554.0045		0	31,733
	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			
GATHERING/FLOWLINES	0336.0315			0334.0315		0	90,000
METERING EQUIPMENT			33,733	0334.0313		U	33,733
	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

COTERRA	Authorization For Expenditure	Drilling		AFE # 02672205
Company Entity				Date Prepared
CIMAREX ENERGY CO (9	99901)			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	
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
Supplement Revision	2nd Bone Spring		20,300	10,300
Intangible Drilling Costs		Cost \$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 Co	sts			
1. All tubulars, well or lease	e equipment is priced by COPAS and CEPS guideli	nes 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.

No	noperator 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.

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

		illing		o/Stim	Production		Post Con		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
LAND/LEGAL/CURATIVE	0331.0002	10,000			0336.0002	0			10,00
DAMAGES	0331.0005	20,000			0336.0005	0			20,00
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		1 15,000	0333.0083	155,000		31,001	0334.0083	0	155,000
FRAC TREE RENTAL			0333.0098	60,000			0334.0098	0	60,000
FLOWBACK SERVICES			0333.0102	00,000			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	
COIL TUBING SERVICES			0333.0151	168,000			0334.0151	0	21,000 168,000
SWD - PIPED TO 3RD PARTY SWD WELL			0333.0131	100,000			0334.0172	109.193	109,193
MECHANICAL LABOR					0336.0042	88,400	0331.0172	105,155	,
AUTOMATION LABOR					0336.0042		0334.0043	0	88,400
IPC & EXTERNAL PAINTING					0336.0106	31,733	0334.0043	0	31,733
FL/GL - ON PAD LABOR					0336.0107	16,400			16,400
FL/GL - SUPERVISION						84,000			84,000
					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	0000 0000	3,946,000		321,734	00040000	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
		1 40 4 000		214.000		358,266		30,000	2,197,066
Total Tangible Cost		1,494,800		314,000					

AFE # 026722057

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

		Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amoun
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		44,000
CASING CREW	0331.0055	43,000	0333.0055	
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059		0333.0050	4,000
RIG FUEL	0331.0039	25,000	0333.0059	
		87,000		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	130,000
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190		0333.0190	188,000
	0331.0190	143,000		
STIMULATION FLUID			0333.0083	155,000
FRAC TREE RENTAL			0333.0098	60,000
FLOWBACK SERVICES			0333.0102	C
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 Cos		2.075.000		3.046.000
WELLHEAD EQUIPMENT SURFACE	0331.0202	2,975,000	0333.0202	3,946,000
		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	(
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	
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 Cos	t	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

		Production Equip			Post Completion		Total
Description	Codes	A	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	0330.0030		3,333	0334.0030		00,000	
OTHER RIG/MISC EXPENSES	0336.0116		14,400	0334.0116		0	35,000
PRIMARY CEMENTING	0330.0110		14,400	0334.0110		U	194,400
				0224 0120			243,000
WELL CONTROL EQUIP/SERVICES	0226 0142		10 535	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						10,000	6,000
SURFACE CASING							277,000
INTERMEDIATE CASING I							781,800
PRODUCTION CSG/TIE BACK							245,000
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	
WATER STRING CASING				0334.0213		U	59,000
TUBING				0334.0201		0	70,000
						0	276,000
SURFACE EQUIPMENT				0334.0203		15,000	15,000
WELL AUTOMATION MATERIALS	00000000			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	1	28,400				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			80,000			242,193	9,651,993

Authorization For Expenditure Drilling

AFE # 026722074

	Authorization For Experioliture D	rilling		AFE # U20/22U/4
Company Entity				Date Prepared
CIMAREX ENERGY CO	(999901)			8/2/2023
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	MIGHTY PHEASANT 5-8 FED COM 204H	ospect	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	
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
Supplement	2nd Bone Spring	,,	20,320	10,320
Revision				
Purpose Drill and o	complete well			
Description				
Intangible		Cost		
Drilling Costs		\$2,975,000		
Completion Cos	sts	\$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 C	Costs			
1. All tubulars, well or lea	se equipment is priced by COPAS and CEPS guideline	es using the Historic Price M	ultiplier.	
Well Control Insuranc	0			
	ed below, you, as a non-operating working interest ow	vner, agree to be covered by	Operator's well control insur	ance procured by
Operator so long as Oper	ator conducts operations hereunder and to pay your	prorated share of the premi	ums therefore. If you elect to	purchase your own well
	ust provide a certificate of such insurance acceptable inmencement of drilling operations. You agree that fa			
being covered by insuran	ce procured by Operator.			
I elect to pu	rchase my own well control insurance policy	<i>.</i> .		
Marketing Election				
_	er arm's-length contracts with third party purchasers.	•	·	•
	ered over time. Should you choose to market your sh Cimarex's Marketing Department, we will share with y			
	eemed an election to market your gas with Cimarex u			
I elect to tak	e my gas in kind.			
I elect to ma	rket my gas with Cimarex pursuant to the te	erms and conditions of i	ts contract.	
Comments on AFE				
	nates only and anticipate trouble free operations with	out any foreseeable change	in plans. The actual costs ma	y exceed the estimated
costs without affecting th	e authorization for expenditure herein granted. By ap- tive, regulatory and well costs under term of the joint	pproval of this AFE, the work	ing interest owner agrees to p	oay its proportionate

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.

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

		lling	Com	p/Stim	Production	on Equip	Post Cor	npletion	Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
LAND/LEGAL/CURATIVE	0331.0002	10,000			0336.0002	0			10,000
DAMAGES	0331.0005	20,000			0336.0005	0			20,00
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		44,000		14,400		5,000	758,000
CASING CREW	0331.0055	43,000	0333.0055	0					43,000
TUBULAR INSPECTIONS	0331.0055	60,000	0333.0056	4,000			0334 0056	0	64,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0050		0333.0050				0334.0059	-	
RIG FUEL	0331.0039	25,000	0333.0039	0			0334.0059	5,000	30,000
		87,000		0				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	0331.0130	15,000	0333.0130	130,000	0336.0142	16,533		· ·	31,533
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000	0550.0112	10,555			177,000
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0103	143,000	0333.0103	188,000	0336.0190	21.067	0334.0190	0	
	0551.0190	143,000			0550.0190	31,867		-	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		0	16,400
FL/GL - ON PAD LABOR					0336.0107	84,000			84,000
FL/GL - SUPERVISION					0336.0109				
SURVEY						11,867			11,867
					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		. 0,000	0333.0201	276,000			0334.0201	0	276,000
SURFACE EQUIPMENT				2,0,000			0334.0203	15,000	15,000
WELL AUTOMATION MATERIALS							0334.0203	5,000	-,
N/C LEASE EQUIPMENT					0336.0303	00.00-	0334.0329		5,000
7						90,000		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
						0,-00			
					0336,0336	2 333			2 3 3 3
SECONDARY CONTAINMENTS					0336.0336	5,333			
		1.494.800		314,000	0336.0336 0336.0339	5,333 11,600 358,266		30,000	5,333 11,600 2,197,066

AFE # 026722074

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

		Drilling		Comp/Stim
Description	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 - SUPERVISION				
SURVEY				
CONTINGENCY - PIPELINE				
Total Intangible Cos	t	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				
FACILITY LINE PIPE Total Tangible Cos	t	1.494.800		314,000

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

		Production Equip			Post Completion		Total
Description	Codes	A	mount	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	0330.0030		3,333	0334.0030		00,000	
	0226 0116		1 4 400	02240116		0	35,000
OTHER RIG/MISC EXPENSES	0336.0116		14,400	0334.0116		0	194,400
PRIMARY CEMENTING				02240420			243,000
WELL CONTROL EQUIP/SERVICES	0226 01 12		46.505	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						10,000	6,000
SURFACE CASING							277,000
INTERMEDIATE CASING I							781,800
PRODUCTION CSG/TIE BACK							245,000
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	
WATER STRING CASING				0334.0213		U	59,000
TUBING				0334.0201		0	70,000
						0	276,000
SURFACE EQUIPMENT				0334.0203		15,000	15,000
WELL AUTOMATION MATERIALS	0226 0262		00.651	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	1	28,400				128,400
SECONDARY CONTAINMENTS	0336.0336		5,333				5,333
FACILITY LINE PIPE	0336.0339		11,600				11,600
Total Tangible Cost		3	58,266			30,000	2,197,066
Total Estimated Cost			80,000			242,193	9,651,993

Authorization For Expenditure Drilling

AFE # 026722061

	'	9		
Company Entity				Date Prepared
CIMAREX ENERGY CO	(999901)			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 Eas	t	5/27/2024	
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
Supplement	1ST BONE SPRING		19,520	9,520
Revision				
Purpose Drill and c	omplete 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.

1	Ionoperator 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.

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

		lling	Comp	o/Stim	Production	on Equip	Post Con	npletion	Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
LAND/LEGAL/CURATIVE	0331.0002	10,000			0336.0002	0			10,00
DAMAGES	0331.0005	20,000			0336.0005	0			20,00
PAD CLEANUP	0331.0024	0	0333.0024	10,000			0334.0024	3,000	13,00
ROAD/PAD CONSTRUCTION	0331.0030	100,000		,	0336.0030	5,334		-,	105,33
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000				3,334			20,00
RIG MOBILIZE/DEMOBILIZE	0331.0031								
		110,000	0000 00 10				00010010		110,00
SUPERVISION	0331.0040	90,000	0333.0040	44,000	0336.0040	14,400	0334.0040	5,000	153,40
DRILLING RIG	0331.0050	758,000							758,00
CASING CREW	0331.0055	43,000	0333.0055	0					43,00
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000			0334.0056	0	64,00
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	0			0334.0059	5,000	30,00
RIG FUEL	0331 0071	87,000	0333.0071	0			0334.0071	0	87,00
WATER & TRANSFER/TRUCKING (NOT DRLG	0331.0071		0333.0071	-			0334.0071	-	
		25,000	0333.0073	20,000			0334.0073	0	45,00
DRILL BITS	0331.0080	62,000							62,00
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		.50,500		5,555		50,555	35,000
OTHER RIG/MISC EXPENSES	0331.0037		0333.0116	100.000	0336.0116	14.400	0334.0116	0	
		71,000	U333.U116	109,000	0110.0660	14,400	U334.U11b	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		143,000	0333.0083	155,000		31,007	0334.0083	0	155,000
FRAC TREE RENTAL			0333.0083				0334.0083		
				60,000				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			0333.0131	100,000			0334.0172	109.193	
MECHANICAL LABOR					0336.0042		0334.0172	109, 193	109,193
						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				
					0556.0191	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	0331.0211		0333.0211	0			0334.0215	0	
		59,000	0333.0213	0			UJJ4.UZ IJ	U	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	33,73
METERING FEQUIPMENT					0336.0321		333 1.03 13	U	
						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			9,33
WALKOVERS					0336.0334	2,667			2,66
BATTERY (HTR TRTR,SEPAR,GAS T)					0336.0335	128,400			128.40
						-,			-, -
SECONDARY CONTAINMENTS					0336.0336	5,333			5,33
FACILITY LINE PIPE					0336.0339	11,600			11,600
Total Tangible Cost		1,494,800		314,000		358,266		30,000	2,197,06

AFE # 026722061

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

		Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amour
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	(
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	
RIG FUEL	0331.0071	87,000	0333.0071	
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	0333.0030	130,000
OTHER RIG/MISC EXPENSES	0331.0037	71,000	0333.0116	109,000
PRIMARY CEMENTING	0331.0110		5555.0110	109,000
WELL CONTROL EQUIP/SERVICES	0331.0120	243,000	0333.0130	120,000
OVERHEAD	0331.0130	90,000 15,000	0333.0142	136,000
MUD DISPOSAL LABOR/EQUIP	0331.0142		0333.0165	
	0331.0165	125,000	0333.0165	52,000
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190	143,000		188,000
STIMULATION FLUID			0333.0083	155,000
FRAC TREE RENTAL			0333.0098	60,000
FLOWBACK SERVICES			0333.0102	
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 Cos	t	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	(
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	(
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)				
DATTERT (MIK IKIK, SEPAK, GAS I)				
CECONIDADY CONTAINS SENTE				
SECONDARY CONTAINMENTS				
SECONDARY CONTAINMENTS FACILITY LINE PIPE Total Tangible Cos		1,494,800		314.000

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

	Production	Fauin		Post Completion	Total
Description	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		1,111	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		5,555		60,000	35,000
OTHER RIG/MISC EXPENSES	0336.0116	14,400	0334.0116	0	194,400
PRIMARY CEMENTING	5555.0110	14,400	0334.0110	0	243,000
			0224.0120		
WELL CONTROL EQUIP/SERVICES OVERHEAD	0226 0142	16 522	0334.0130	0	226,000
	0336.0142	16,533			31,533
MUD DISPOSAL LABOR/EQUIP	2225 2422		00010100		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	0,000	90,000
GATHERING/FLOWLINES	0336.0315	33,733	0334.0315	0	33,733
METERING EQUIPMENT	0336.0321	16,800		0	16,800
LEASE AUTOMATION MATERIALS	0336.0322	30,933			30,933
PRODUCTION EQUIPMENT FREIGHT	0336.0327				
FL/GL - MATERIALS	0336.0331	10,000			10,000
SHORT ORDERS	0336.0332	19,467			19,467
	0336.0334	9,333			9,333
WALKOVERS		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

Description

Authorization For Expenditure Drilling

AFE # PAF0000106

Cc	ompany Entity	·	3		Date Prepared
	MAREX ENERGY CO (999901)			8/2/2023
Ex	ploration Region	Well Name	Prospect	Property Number	AFE
PE	RMIAN BASIN	LOOSEY GOOSEY 4-9 FED COM 212H		411504574	PAF0000106
Сс	ounty, State	Location		Estimated Spud	Estimated Completion
LE	A, NM	Sections 4 and 9 20S-34E		5/27/2024	
X	New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
	Supplement Revision	BONE SPRING		19,600	10,000
Pι	ırpose Loosey Go	osey 4-9 Fed Com 212H			

\$2,975,000

\$4,479,927 **\$7,454,927**

Intangible
Drilling Costs
Completion Costs
Total Intangible Cost

 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.

1	Ionoperator 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.

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

AFE # PAF0000106

		lling		o/Stim	Production		Post Con		Total
Description	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/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		1 15,000	0333.0083	155,000		31,001	0334.0083	0	155,000
FRAC TREE RENTAL			0333.0098	60,000			0334.0098	0	60,000
FLOWBACK SERVICES			0333.0102	00,000			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	
COIL TUBING SERVICES			0333.0151	168,000			0334.0151	0	21,000 168,000
SWD - PIPED TO 3RD PARTY SWD WELL			0333.0131	100,000			0334.0172	109,193	109,193
MECHANICAL LABOR					0336.0042	00 400	0331.0172	105,155	,
AUTOMATION LABOR					0336.0042	88,400	0334.0043	0	88,400
IPC & EXTERNAL PAINTING					0336.0106	31,733	0334.0043	0	31,733
FL/GL - ON PAD LABOR					0336.0107	16,400			16,400
FL/GL - SUPERVISION					0336.0107	84,000			84,000
						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	0000 0000	3,946,000		321,734	00040000	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	ıl .	1,494,800		314,000		358,266		30,000	2,197,066

AFE # PAF0000106

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

		Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amoun
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	
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4.000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	
RIG FUEL	0331.0071	87,000	0333.0071	
WATER & TRANSFER/TRUCKING (NOT	0331.0073	25,000	0333.0073	20,000
DRILL BITS	0331.0080	62,000		20,000
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	0331.0090		0333.0090	130,000
OTHER RIG/MISC EXPENSES	0331.0097	35,000	0333.0116	100 000
PRIMARY CEMENTING	0331.0116	71,000	0110.0000	109,000
		243,000	0222 0420	
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	C
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 Cos	t	2,975,000		3,946,000
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000
CONDUCTOR PIPE	0331.0206	6,000	0333.0202	30,000
SURFACE CASING	0331.0207	277,000		
INTERMEDIATE CASING I	0331.0207			
		781,800	0333.0211	
PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT	0331.0211 0331.0215	245,000	0333.0211	0
		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 Cos	t	1,494,800		314,000
Total Estimated Cos		4,469,800		4,260,000
. Star Estimated Cos	-	7,700,000		7,230,00

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

AFE # PAF0000106

COIVI 2		Production Equip			Post Completion		Total
Description	Codes	Production Equip	Amount	Codes	Post Completion	Amount	Cost
LAND/LEGAL/CURATIVE	0336.0002		0	Codes		ranounc	10,000
DAMAGES	0336.0005		0				20,000
PAD CLEANUP				0334.0024		3,000	13,000
ROAD/PAD CONSTRUCTION	0336.0030		5,334			3,000	105,334
CONDUCTOR, MOUSE HOLE & CELLAR			3,334				20,000
RIG MOBILIZE/DEMOBILIZE							110,000
SUPERVISION	0336.0040		14,400	0334.0040		5,000	153,400
DRILLING RIG	0330.0010		14,400	033 1.00 10		3,000	758,000
CASING CREW							43,000
TUBULAR INSPECTIONS				0334.0056		0	64,000
WELDING/ROUSTABOUTS/LEASE CREWS				0334.0059		-	
RIG FUEL				0334.0071		5,000	30,000
WATER & TRANSFER/TRUCKING (NOT DRLG				0334.0071		0	87,000
DRILL BITS				0334.0073		0	45,000
							62,000
DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES							285,000
DOWNHOLE RENTALS				02240005			319,000
	00000000			0334.0095		0	186,000
SURFACE RENTALS	0336.0096		3,333	0334.0096		60,000	291,333
SOLIDS CONTROL EQUIP/SERVICES	0005 0445			00010115			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	0334.0305		0	33,733
METERING FEUIPMENT	0336.0321		16,800	233 1.03 13		U	16,800
LEASE AUTOMATION MATERIALS	0336.0322						
PRODUCTION EQUIPMENT FREIGHT	0336.0327		30,933				30,933
FL/GL - MATERIALS	0336.0327		10,000				10,000
SHORT ORDERS	0336.0332		19,467				19,467
WALKOVERS	0336.0332		9,333				9,333
	0336.0334		2,667				2,667
BATTERY (HTR TRTR,SEPAR,GAS T)			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

COTERRA	Authorization For Expenditure Dri	lling		AFE # 026722056
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name LOOSEY GOOSEY 4-9 FED COM 104H	Prospect	Property Number 411354298	AFE 026722056
County, State Lea, NM	Location Section 33, Township 19 South, Range 34	East	Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation 1ST BONE SPRING	Well Type	Ttl Measured Depth 19,520	Ttl Vetical Depth 9,520
Purpose Drill and co	omplete well			
Intangible		Cost		
Drilling Costs		\$2,975,000		
Completion Cost	TS .	\$4,479,927		
Total Intangible Cost				
		\$7,454,927		
Tangible				
Tangible Tangible		Cost \$2,197,066		

Comments On Well Costs

Total Well Cost

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.

\$9,651,993

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.

No	noperator 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.

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

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

		lling	Com	p/Stim	Production	on Equip	Post Cor	npletion	Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
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		44,000		14,400		5,000	758,000
CASING CREW	0331.0055	43,000	0333.0055	0					43,000
TUBULAR INSPECTIONS	0331.0055	60,000	0333.0056	4,000			0334 0056	0	64,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0050		0333.0050				0334.0059	-	
RIG FUEL	0331.0033	25,000	0333.0033	0			0334.0033	5,000	30,000
		87,000		0				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	0331.0130	15,000	0333.0130	130,000	0336.0142	16,533		· ·	31,533
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000	0550.0112	10,555			177,000
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0103	143,000	0333.0103	188,000	0336.0190	21.067	0334.0190	0	
STIMULATION FLUID	0331.0190	143,000	0333.0190		0330.0190	31,867	0334.0190	-	362,867
				155,000				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		0	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		. 0,000	0333.0201	276,000			0334.0201	0	276,000
SURFACE EQUIPMENT				2.0,000			0334.0203	15,000	15,000
WELL AUTOMATION MATERIALS							0334.0329	5,000	5,000
N/C LEASE EQUIPMENT					0336.0303	90,000	0334.0323	5,000	90,000
GATHERING/FLOWLINES					0336.0303		0334.0303	0	
						33,733	0554.0515	U	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
					0336.0339	11,600			11,600
FACILITY LINE PIPE									
FACILITY LINE PIPE Total Tangible Cost		1,494,800		314,000	0330.0333	358,266		30,000	2,197,066

AFE # 026722056

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

		Drilling			Comp/Stim	
Description	Codes		Amount	Codes		Amoun
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		0,000
RIG FUFI	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	0333.0073		20,000
DRILLING MUD & ADDITIVES	0331.0080					
			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			1 15/000	0333.0083		155,000
FRAC TREE RENTAL				0333.0098		60,000
FLOWBACK SERVICES				0333.0102		00,000
BRIDGE PLUGS/FRAC PLUGS				0333.0102		40,000
STIMULATION/FRACTURING				0333.0110		
						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 Cos	t		2,975,000			3,946,000
WELLHEAD EQUIPMENT SURFACE	0331.0202		56,000	0333.0202		38,000
CONDUCTOR PIPE	0331.0206			0333.0202		30,000
SURFACE CASING	0331.0207		6,000			
			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						
FACILITY LINE PIPE Total Tangible Cos Total Estimated Cost			1,494,800 4,469,800			314,000 4,260,000

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

		Production Equip			Post Completion		Total
Description	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	
DRILL BITS				0334.0073		U	45,000
DRILLING MUD & ADDITIVES							62,000
DIRECTIONAL DRILLING SERVICES							285,000
				02240005			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	
COIL TUBING SERVICES				0334.0151		0	21,000 168,000
SWD - PIPED TO 3RD PARTY SWD WELL				0334.0172			
MECHANICAL LABOR	0336.0042		00.400	0334.0172		109,193	109,193
AUTOMATION LABOR			88,400	02240042			88,400
	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			
WELL AUTOMATION MATERIALS				0334.0329		15,000 5,000	15,000
N/C LEASE EQUIPMENT	0336.0303		00.000	0334.0329			5,000
GATHERING/FLOWLINES			90,000			0	90,000
	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

Authorization For Expenditure Drilling

AFE # 026722072

				, 2 020,220,2
Company Entity CIMAREX ENERGY CO (9	999901)			Date Prepared 8/2/2023
Fundamentian Denien	Wall Name	Dragged	Dramark Alvedon	٨٢٢
Exploration Region PERMIAN BASIN	Well Name MIGHTY PHEASANT 5-8 FED COM	Prospect	Property Number 411354284	AFE 026722072
TERMINIO DASIN	202H		411334204	020722072
County, State	Location		Estimated Spud	Estimated Completion
Lea, NM	Section 5, Township 20 South, Range 3	4 East, Lea County, NM	5/27/2024	
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
Supplement	2nd Bone Spring	2 71-1	20,320	10,320
Revision				
Purpose Drill and co	mplete well			
Description				
Intangible		Cost		
Drilling Costs		\$2,975,000		
Completion Costs	S	\$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 Co	osts			
	e equipment is priced by COPAS and CEPS guideli	nes using the Historic Price M	ultiplier.	
Well Control Insurance			0	
Operator so long as Operat control insurance, you must	below, you, as a non-operating working interest of tor conducts operations hereunder and to pay you t provide a certificate of such insurance acceptable mencement of drilling operations. You agree that e procured by Operator.	r prorated share of the premi e to Operator, as to form and	ums therefore. If you elect to limits, at the time this AFE is I	purchase your own well returned, if available, but
I elect to pure	chase my own well control insurance polic	cy.		
Marketing Election				
Cimarex sells its gas under insufficient volumes deliver Upon written request to Cir	arm's-length contracts with third party purchasers red over time. Should you choose to market your marex's Marketing Department, we will share with med an election to market your gas with Cimarex	share of gas with Cimarex, yo you the terms and conditions	u will be subject to all of the t pursuant to which gas will be	erms of such contracts.
I elect to take	my gas in kind.			
I elect to mark	ket my gas with Cimarex pursuant to the t	terms and conditions of i	ts contract.	
Comments on AFE	-			
	tes only and anticipate trouble free operations wit	:hout any foreseeable change	in plans. The actual costs ma	y exceed the estimated
costs without affecting the	authorization for expenditure herein granted. By ve, regulatory and well costs under term of the join	approval of this AFE, the work	ing interest owner agrees to	pay its proportionate
Nononerator Approval				

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.

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

		illing		o/Stim	Production		Post Con		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
LAND/LEGAL/CURATIVE	0331.0002	10,000			0336.0002	0			10,00
DAMAGES	0331.0005	20,000			0336.0005	0			20,00
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		.50,000		3,333		,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	0331.0110	243,000	,	103,000		17,400		· ·	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	033 1.0130	0	31,533
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000	0330.0112	10,333			
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0103	143,000	0333.0103	188,000	0336.0190	31,867	0334.0190	0	177,000
STIMULATION FLUID	0331.0130	143,000	0333.0190		0330.0130	31,007	0334.0190		362,867
FRAC TREE RENTAL				155,000				0	155,000
			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		2,230	0333.0201	276,000			0334.0201	0	276,000
SURFACE EQUIPMENT				0,000			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					0336.0305	33,733	0334.0315	0	33,733
METERING FOUIPMENT					0336.0321	16,800	333 1.03 13	U	
LEASE AUTOMATION MATERIALS					0336.0321				16,800
PRODUCTION EQUIPMENT FREIGHT					0336.0327	30,933			30,933
FL/GL - MATERIALS					0336.0327	10,000			10,000
SHORT ORDERS					0336.0331	19,467			19,467
						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

AFE # 026722072

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

		Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amoun
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		1.15,000	0333.0083	155,000
FRAC TREE RENTAL			0333.0098	60,000
FLOWBACK SERVICES			0333.0102	00,000
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			0333.0131	100,000
MECHANICAL LABOR				
AUTOMATION LABOR				
IPC & EXTERNAL PAINTING				
FL/GL - ON PAD LABOR				
FL/GL - SUPERVISION				
SURVEY				
CONTINGENCY - PIPELINE				
Total Intangible Cos		2.075.000		3.045.000
-	0331 0202	2,975,000	0222 0202	3,946,000
WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE	0331.0202	56,000	0333.0202	38,000
		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 Cos	t	1,494,800		314,000

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

COIVI	-	ion Equip		Post Completion	Total
Description	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		2,000	105,334
CONDUCTOR, MOUSE HOLE & CELLAR					20,000
RIG MOBILIZE/DEMOBILIZE					110,000
SUPERVISION	0336.0040	14,400	0334.0040	5,000	
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	
STIMULATION FLUID			0334.0083	0	
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	
PERFORATING & WIRELINE SERVICES			0334.0136	0	283,000
COMPLETION RIG/WORKOVER RIG			0334.0150	0	
COIL TUBING SERVICES			0334.0151	0	
SWD - PIPED TO 3RD PARTY SWD WELL			0334.0172	109,193	109,193
MECHANICAL LABOR	0336.0042	88,400	00040040		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 0336.0191	1,467			1,467
CONTINGENCY - PIPELINE Total Intangible Co.		2,000		212 102	2,000
WELLHEAD EQUIPMENT SURFACE	St.	321,734	0334.0202	212,193	7,454,927
CONDUCTOR PIPE			0554.0202	10,000	104,000
SURFACE CASING					6,000
INTERMEDIATE CASING I					277,000
PRODUCTION CSG/TIE BACK					781,800
PERMANENT DOWNHOLE EQUIPMENT			0334.0215	0	245,000
WATER STRING CASING			0554.0215	0	59,000 70,000
TUBING			0334.0201	0	
SURFACE EQUIPMENT			0334.0201	15,000	
WELL AUTOMATION MATERIALS			0334.0203	5,000	5,000
N/C LEASE EQUIPMENT	0336.0303	90,000	0334.0323	5,000	90,000
GATHERING/FLOWLINES	0336.0315	33,733	0334.0305	0	
METERING EQUIPMENT	0336.0321	16,800		0	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 Co	50	358,266		30,000	2,197,066

COTERRA	Authorization For Expenditure	Drilling		AFE # 026722058
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name LOOSEY GOOSEY 4-9 FED COM 204	Prospect • H	Property Number 411354294	AFE 026722058
County, State Lea, NM	Location Section 33, Township 19 South, Ran	ge 34 East	Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation 2nd Bone Spring	Well Type	Ttl Measured Depth 20,300	Ttl Vetical Depth 10,300
Intangible		Cost		
Drilling Costs		\$2,975,000		
Completion Cost	rs .	\$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 Co	OSTS se equipment is priced by COPAS and CEPS gui	delines using the Historic Price l	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.

1	Ionoperator 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.

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

		illing		o/Stim	Production		Post Con		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
LAND/LEGAL/CURATIVE	0331.0002	10,000			0336.0002	0			10,00
DAMAGES	0331.0005	20,000			0336.0005	0			20,00
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		143,000	0333.0083	155,000		31,007	0334.0083	0	155,000
FRAC TREE RENTAL			0333.0098	60,000			0334.0098	0	60,000
FLOWBACK SERVICES			0333.0102	00,000			0334.0102	30,000	30.000
BRIDGE PLUGS/FRAC PLUGS			0333.0110	40,000			0334.0110	0	40,000
STIMULATION/FRACTURING			0333.0116				0334.0135	0	
PERFORATING & WIRELINE SERVICES			0333.0135	2,481,000			0334.0136	0	2,481,000
COMPLETION RIG/WORKOVER RIG			0333.0150	283,000			0334.0150		283,000
COIL TUBING SERVICES			0333.0150	21,000			0334.0151	0	21,000
SWD - PIPED TO 3RD PARTY SWD WELL			0333.0131	168,000			0334.0172		168,000
MECHANICAL LABOR					0336.0042	00.400	0334.0172	109,193	109,193
AUTOMATION LABOR					0336.0042	88,400	0334.0043	0	88,400
						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
					0336.0339				11,600
FACILITY LINE PIPE									
FACILITY LINE PIPE Total Tangible Cost		1,494,800		314,000	0330.0333	11,600 358,266		30,000	2,197,066

AFE # 026722058

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

		Drilling			Comp/Stim	
Description	Codes		Amount	Codes		Amoun
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 FUFI	0331.0033		87,000	0333.0071		0
WATER & TRANSFER/TRUCKING (NOT	0331.0073		25,000	0333.0073		20,000
DRILL BITS	0331.0075		62,000	0333.0073		20,000
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			1 15,000	0333.0083		155,000
FRAC TREE RENTAL				0333.0098		60,000
FLOWBACK SERVICES				0333.0102		00,000
BRIDGE PLUGS/FRAC PLUGS				0333.0102		40,000
STIMULATION/FRACTURING				0333.0110		
						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		-	0333.0202		30,000
SURFACE CASING	0331.0207		6,000			
			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

		Production Equip			Post Completion		Total
Description	Codes	A	mount	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	0330.0030		3,333	0334.0030		00,000	
	0226 0116		1 4 400	0224 0116		0	35,000
OTHER RIG/MISC EXPENSES	0336.0116		14,400	0334.0116		0	194,400
PRIMARY CEMENTING				02240420			243,000
WELL CONTROL EQUIP/SERVICES	0226 01 12		46.505	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						10,000	6,000
SURFACE CASING							277,000
INTERMEDIATE CASING I							781,800
PRODUCTION CSG/TIE BACK							245,000
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	
WATER STRING CASING				0334.0213		U	59,000
TUBING				0334.0201		0	70,000
						0	276,000
SURFACE EQUIPMENT				0334.0203		15,000	15,000
WELL AUTOMATION MATERIALS	0226 0262		00.651	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	1	28,400				128,400
SECONDARY CONTAINMENTS	0336.0336		5,333				5,333
FACILITY LINE PIPE	0336.0339		11,600				11,600
Total Tangible Cost		3	58,266			30,000	2,197,066
Total Estimated Cost			80,000			242,193	9,651,993

COTERRA	Authorization For Expenditure Dr	illing		AFE # 02672206
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name MIGHTY PHEASANT 5-8 FED COM 101H	Prospect	Property Number 411354289	AFE 026722067
County, State Lea, NM	Location Section 5, Township 20 South, Range 34 I	East, Lea County, NM	Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation 1ST BONE SPRING	Well Type	Ttl Measured Depth 19,515	Ttl Vetical Depth 9,515
Purpose Drill and co Description	omplete well			
Intangible		Cost		
Drilling Costs Completion Cost		\$2,975,000 \$4,479,927		
Total Intangible Cost	5	\$ 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.

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.

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

		illing		o/Stim	Production		Post Con		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
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		20,000					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	
SURFACE RENTALS				45,000	0226 0006	2 222		-	186,000
	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	0222 0445	40	0226 0116	4	02240115		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		103,133	88,400
AUTOMATION LABOR					0336.0043	31,733	0334.0043	0	31,733
IPC & EXTERNAL PAINTING					0336.0106	16,400		U	16,400
FL/GL - ON PAD LABOR					0336.0107				
FL/GL - SUPERVISION					0336.0109	84,000			84,000
SURVEY						11,867			11,867
					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
SHORT ORDERS					0336.0331	19,467			
						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

JANDAEGEAL/CURATIVE 03310002 10,000 20,0			Drilling		Comp/Stim	
DAMAGES	Description	Codes	Amount	Codes		Amoun
AND CLEARUP (331,0024 (331	LAND/LEGAL/CURATIVE					
ROADPAR CONSTRUCTION CONDUCTOR MUDICAPE MORE ACELLAR RIGH MORBUZZE/DEMORBUZE RIGH RIGH RIGH RIGH RIGH RIGH RIGH RIGH	DAMAGES	0331.0005	20,000			
CONDUCTORS MOURE FIGURE RELIAR (ISS) MORRIBURZ/DOMBIUZE SUPPRINCIPON 331 0005 331 0005 430 000 333 0006 440 000 333 0005 430 000 333 0005 430 000 333 0005 430 000 333 0005 430 000 333 0005 430 000 333 0005 430 000 333 0005 430 000 333 0005 430 000 333 0005 440 000 333 0005 440 000 333 0005 440 000 333 0007 470 000 470 00	PAD CLEANUP	0331.0024	0	0333.0024		10,000
RIC MOBILIZE/DEMOBILIZE SINDERPINSON SISTEMATION SISTE	ROAD/PAD CONSTRUCTION	0331.0030	100,000			
SUPPENSION 0331.0040 90.000 0333.0040 44	CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000			
DRILLING RIG	RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000			
DRILLING RIG CASING CREW 1031.0059 1758.000 1331.0056 60.000 1333.0056 70.001 1333.0057 1031.0059 22.000 1333.0059 125.000 1333.0059 125.000 1333.0059 125.000 1333.0059 125.000 1333.0071 125.000 1333.0071 125.000 1333.0071 125.000 1333.0071 125.000 1333.0071 125.000 1333.0071 125.000 1333.0071 125.000 1333.0071 125.000 1333.0071 125.000 1333.0071 125.000 1333.0071 125.000 1333.0071 125.000 1333.0071 125.000 1333.0071 125.000 1333.0071 125.000 1333.0073 125.000 1333.0073 135.000 135.00000 135.00000 135.00000 135.00000 135.00000 135.00000 135.00000 135.00000 135.000000000000000000000000000000000000	SUPERVISION	0331.0040	90,000	0333.0040		44,000
CASING CREW 1033 10055 1055 1056 1050 1050 1050 1050 1050	DRILLING RIG	0331.0050				,
TUBBLIAN INSPECTIONS 031 0059 25,000 033 0059 033 0079 033 0071 031 0071 037 0070 033 0071 033 0071 031 0070 031 00						(
MILDING/ROUSTABOUTS/LEASE CREWS 03310099 R7000 0330099 R70000 0330099 R70000 0330099 R70000 0330099 R70000 0330099 R700000 0330099 R70000 0330099 R700000 0330099 R700000 0330099 R700000 0330099 R700000 0330099 R700000 0330099 R700000 0330099 R7000000 0330099 R70000000 0330099 R7000000000000000000000000000000000						4,000
MATER TERMANFER/TRUCKING (NOT 03310071 87,000 03330071 25,000 03330073 25,000 03330073 25,000 03330073 25,000 03330073 25,000 03310073 25,000 03330073 25,000 03310080 62,000 03310080 62,000 03310080 03310080 03310080 03310080 03310080 03310080 03310080 03310080 03310080 03310080 03310080 03330095 044 0380080 03310086 0380080 03330095 044 0380080 03310086 03330096 033300						(
WATER & TRANSFERTRUCKING (NOT 0331.0073 25,000 333.0073 26,000 200						
DRILLE BIS DRILLING MUD & ADDITIVES 03310080 DRILLING MUD & ADDITIVES 03310090 3319000 DOWNHOLE RENTALS 03310095 141,000 3330096 131,000 3330096 133,00096 133,00096 133,00096 133,00096 133,00096 133,00096 133,00096 133,00096 133,00096 133,00096 133,00096 133,00096 134,000 WELL CONTROL EQUIPSERVICES 0331016 PRIMARY CEMENTING 03310120 WELL CONTROL EQUIPSERVICES 03310130 0331016 150,000 WELL CONTROL EQUIPSERVICES 03310142 15,000 03330162 150,000 3330016 134,000 WELL CONTROL EQUIPSERVICES 03310162 150,000 03330162 150,000 3330165 150,000 3330165 150,000 3330165 150,000 3330166 150,000 3330166 150,000 3330166 150,000 3330166 150,000 3330167 181,000 3330083 151,000 3	WATER & TRANSFER/TRUCKING (NOT	0331 0073				20.000
DRILLING MUD & ADDITIVES DRIECTIONAL DRILLING SERVICES DRIECTIONAL SCHEPINSES DRIECTIONAL SCHEPINSES DRIECTIONAL SCHEPINSES DRIECTIONAL SCHEPINSES DRIECTIONAL DRIECTION DRIE						20,000
DIRECTIONAL DRILLING SERVICES OBWINHOLE RENTALS OBSI 1,0000 OBWINHOLE RENTALS OBSI 1,0000 OBSI 141,0000 OBSI 1,0000						
DOMNHOLDE RENTALS USBRÄCE RENTALS USBR						
SURFACE RENTALS SOLIDS CONTROL EQUIP/SERVICES O331.0116 71,000 71,						
SOLDIS CONTROL EQUIP/SERVICES 0331.0116 071,000 071ER RIG/MISC EXPENSES 0331.0116 071,000 071ER RIG/MISC EXPENSES 0331.0116 071,000 07						45,000
OTHER RIG/MISC EVERSES 0331-0116 0331-0120 243,000 WELL CONTROL EQUIP/SERVICES 0331-0130 9,0000 0333-0130 9,0000 0333-0130 9,0000 0333-0130 9,0000 0333-0130 9,0000 0333-0130 9,0000 0333-0142 15,000 0333-0142 125,000 0333-0142 143,000 0333-0165 15,000 0333-0165 15,000 0333-0165 15,000 0333-0165 15,000 0333-0165 16,000 16,000 17,000 18,000						130,000
PRIMARY CEMENTING						
WELL CONTROL EQUIP/SERVICES 0331.0130 0331.0142 15,000 0331.0142 15,000 0333.0142 15,000 0333.0142 15,000 0333.0165 55,000 1033.0165 55,000 1033.0165 55,000 1033.0165 55,000 1033.0165 55,000 1033.0165 55,000 1033.0165 55,000 1033.0165 55,000 1033.0165 56,000 1033.0165 57,000 1033.0165 18,000 1						109,000
OVERHEAD 0331.0142 15,000 0333.0142 15,000 0333.0142 15,000 0333.0165 55,000 143,000 0333.0165 55,000 143,000 0333.0103 188 578AC TREE RENTAL 1,000 A333.0103 188 188 188 188 188 188 188						
MUD DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, STIMULATION FLUID FRACTREE RENTAL FLOWBACK SERVICES FRACTREE RENTAL FLOWBACK SERVICES GOSSION						136,000
CONTINGENCY - DRLG, COMP, PCOM, STIMULATION FLUID FRAC TERE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS BRIDGE PLUGS/FRAC			15,000			(
STIMULATION FLUID FRAC TERE RENTAL FRACTERE G0333.0102 FRACTERE RENTAL FRACTERE FRACTERE RENTAL FRACTERE FRACTERE RENTAL FRACTERE FRACTERE RENTAL FRACTERE FRACTE		0331.0165	125,000	0333.0165		52,000
RRAC TREE RENTAL 0333.0098 66 FLOWBACK SERVICES 0333.0102 0333.0102 0333.0102 0333.0110 44 0333.0110 34 0333.0110 34 0333.0135 2,48 0333.0136 288 0333.0131 388 0333.0131 388 0333.0131 388 0333.0131 388 0333.0131 388 0333.0131 388 0333.0208 388 0333.0208 388 0333.0208 388 0333.021 245,000 333.021 388 0333.021 245,000 333.021 388 0333.021 276 0333.0	CONTINGENCY - DRLG, COMP, PCOM,	0331.0190	143,000	0333.0190		188,000
BRIDGE PLUGS/FRAC PLUGS	STIMULATION FLUID			0333.0083		155,000
RIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING WHEELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR PLC & EXTERNAL PAINTING FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE 0331.0202 56,000 SURFACE CASING 0331.0207 INTERNEDIATE CASING I 0331.0207 PRODUCTION CSCYTIE BACK 0331.0215 SUPRADLE CASING 0331.0215 SURFACE CASING 0331.0221 TORONO WATER STRING CASING 0331.0221 TUBING SURFACE EQUIPMENT WATER STRING CASING 0331.0221 TORONO SURFACE EQUIPMENT WELL AUTOMATION MATERIALS NOT CLEASE EQUIPMENT WELL AUTOMATION MATERIALS NOT CLEASE EQUIPMENT WELL AUTOMATION MATERIALS NOT CLEASE EQUIPMENT WELL AUTOMATION MATERIALS SURFACE EQUIPMENT WELL AUTOMATION MATERIALS NOT CREEK WELL SURFACE EQUIPMENT SURFACE EQUIPMENT WELL AUTOMATION MATERIALS NOT CREEK WELL SURFACE EQUIPMENT SURFACE EQUIPMENT WELL AUTOMATION MATERIALS SURFACE EQUIPMENT SURFACE EQUIPMENT WELL AUTOMATION MATERIALS SURFACE EQUIPMENT SURFACE EQ	FRAC TREE RENTAL			0333.0098		60,000
STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/MORKOVER RIG COIL TUBING SERVICES O333.0135 2,48 PERFORATING & WIRELINE SERVICES O333.0136 28: COMPLETION RIG/MORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR IPC & EXTERNAL PAINTING FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE O331.0206 O331.0206 O333.0202 38: CONDUCTOR PIPE O331.0206 O331.0207 O333.0200 O333.0202 SURFACE CASING O331.0206 FRODUCTION CSG/TIE BACK O331.0211 PERMADIATE CASING I 0331.0205 PRODUCTION CSG/TIE BACK O331.0215 O331.0215 O331.0216 O331.0217 O70,000 TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS PRODUCTION EQUIPMENT HELASE AUTOMATION MATERIALS PRODUCTION EQUIPMENT HELASE AUTOMATION MATERIALS PRODUCTION EQUIPMENT HELASE 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 1,494,800 333.0155 22.88 22.88 233.0156 233.0215 27.60 2975.000 333.0210	FLOWBACK SERVICES			0333.0102		(
PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COLT UTBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR IPC & EXTERNAL PAINTING FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE 0331,0206 SURFACE CASING 0331,0207 277,000 SURFACE CASING 0331,0208 PRODUCTION CSG/TIE BACK 0331,0211 PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING 0331,0221 TOSING O331,0221 TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS WATER STRING CASING O331,0221 TO,000 TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS PRODUCTION EQUIPMENT FEIGHT FL/GL - MATERIALS SHORT ORDERS WATER STRING EQUIPMENT WELL AUTOMATION MATERIALS PRODUCTION EQUIPMENT FEIGHT FL/GL - MATERIALS BATTERY (HIT RTR.SEPAR,GAS T) SECONDAPY CONTAINMENTS FACILITY LINE PIPE Total Tangible Cost 1,494,800 333,0150 3333,0151 28333,0151 298333,0151 29833,0202 3333,0202 3333,0202 3333,0202 3333,0203 3330,0203	BRIDGE PLUGS/FRAC PLUGS			0333.0110		40,000
PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COMPLETION RIG/WORKOVER RIG COMPLETION RIG/WORKOVER RIG COLI TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR IPC & EXTERNAL PAINTING IPC, CL - ON PAD LABOR IPC, CL	STIMULATION/FRACTURING			0333.0135		2,481,000
COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR PIC & EXTERNAL PAINTING FL/GL - ON PAD LABOR FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHAD EQUIPMENT SURFACE 0331,0202 CONDUCTOR PIPE 0331,0206 CONDUCTOR PIPE 0331,0206 CONDUCTOR PIPE 0331,0206 CONDUCTOR PIPE 0331,0207 CONDUCTOR SOLVE BACK 0331,0207 CONDUCTION CSC/TIE BACK 0331,0207 CONDUCTION CSC/TIE BACK 0331,0211 CONDUCTION CSC/TIE BACK 0333,0211 CONDUCTION CSC/TIE BACK 03	PERFORATING & WIRELINE SERVICES			0333.0136		283,000
COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR IPC & EXTERNAL PAINTING FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost TOtal Intangible Cost 0331,0202 CONDUCTOR PIPE 0331,0206 6,000 SURFACE CASING SURFACE CASING INTERMEDIATE CASING I 0331,0207 INTERMEDIATE CASING I 0331,0207 INTERMEDIATE CASING I 0331,0215 PRODUCTION CSG/TIE BACK 0331,0215 SAJRAGE CASING 0331,0215 SURFACE ROUIPMENT WATER STRING CASING 0331,0221 TUBING SURFACE ROUIPMENT WATER STRING CASING 0331,0221 TUBING SURFACE ROUIPMENT WELL AUTOMATION MATERIALS N/C LEASE ROUIPMENT WELL AUTOMATION MATERIALS SHOOT ORDERS WALKEY HAT REIGHT LEASE AUTOMATION MATERIALS SHOOT ORDERS WALKEY HAT RITE SEPAR, CAS T) SECONDARY CONTAINMENTS FACILITY LINE PIPE Total Tangible Cost 1,494,800 333,0201 333,0201 333,0201 333,0201 334,0201 335,0201 335,0201 336,0202 346,000 333,0201 347,000 348,000 349,000 340,	COMPLETION RIG/WORKOVER RIG			0333.0150		21,000
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 0331.0202 55,000 333.0202 38 WELLHEAD EQUIPMENT SURFACE 0331.0208 0331.0207 0331.0207 0331.0208 781,800 9RODUCTION CSG/TIE BACK 0331.0211 245,000 0333.0211 PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING 0331.0221 70,000 70,00	COIL TUBING SERVICES			0333.0151		168,000
MECHANICAL LABOR AUTOMATION LABOR PPC & EXTERNAL PAINTING FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost 0331.0202 55,000 0333.0202 38 WELLHEAD EQUIPMENT SURFACE 0331.0206 6,000 SURFACE CASING 0331.0207 277,000 SURFACE CASING 0331.0207 781,800 PRODUCTION CSG/TIE BACK 0331.0211 245,000 0333.0211 PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING 0331.0221 70,000 0333.0215 WATER STRING CASING 0331.0221 70,000 0333.0210 276 SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT GATHERING/FLOWLINES METERING EQUIPMENT LEASE AUTOMATION MATERIALS SHORT ORDERS WALKOVERS BATTERY (HTR TRTS, SPPAR, GAS T) SECONDARY CONTAINMENTS FACILITY LINE PIPE Total Tangible Cost 1,494,800 331.0213 31.0215 32.0215 33.0202 33.0202 33.0202 33.0202 33.0202 33.0202 33.0203 33.0203 33.0215 33.0203 33.0215 33.0203 33						,
PC & EXTERNAL PAINTING	MECHANICAL LABOR					
PC & EXTERNAL PAINTING	AUTOMATION LABOR					
FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost Total Intangible Cost WELLHEAD EQUIPMENT SURFACE 0331.0202 56,000 333.0202 36 CONDUCTOR PIPE 0331.0206 6,000 SURFACE CASING 0331.0207 277,000 INTERMEDIATE CASING 0331.0208 781,800 PRODUCTION CSG/TIE BACK 0331.0211 245,000 0333.0211 PERMANENT DOWNHOLE EQUIPMENT 031.0215 59,000 0333.0215 SURFACE EQUIPMENT WATER STRING CASING 0331.0221 70,000 TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT HEAL AUTOMATION MATERIALS SHORT ORDERS WALKOVERS BATTERY (HTR TRTS, SPPAR, GAS T) SECONDARY CONTAINMENTS FACILITY LINE PIPE Total Tangible Cost 1,494,800 333.020 333.0202 336 333.0202 338 339.0202 338 339.0202 338 339.0202 338 339.0202 338 339.0202 339.0202 339.0202 339.0202 340 339.0202 339.0202 330.0201 3206 339.0201 3206 339.0202 330.0201 3206 339.0201 3206 3206 3206 3206 3206 3206 3206 3206						
FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost 0331.0202 56,000 SURFACE CASING 0331.0206 6,000 SURFACE CASING 0331.0207 77,000 SURFACE CASING 0331.0208 781,800 PRODUCTION CSG/TIE BACK 0331.0211 245,000 PRODUCTION CSG/TIE BACK 0331.0215 PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING 0331.0221 70,000 TUBING SURFACE EQUIPMENT WATER STRING CASING 0331.0221 70,000 TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS METERING FLOWLINES METERING FLOWLINES METERING FLOWLINES METERING FLOWLINES METERING FLOWLINES SHORT ORDERS WALKOVERS BATTERY (HTR TRTR, SEPAR, GAS T) SECONDARY CONTAINMENTS FACILITY LINE PIPE Total Tangible Cost 1,494,800 333.0202 333.0202 338.0202 338.0202 338.0202 338.0203 338						
SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE 0331.0202 CONDUCTOR PIPE 0331.0206 6,000 SURFACE CASING 0331.0207 277,000 NTERMEDIATE CASING 0331.0208 781,800 PRODUCTION CSG/TIE BACK 0331.0211 245,000 0333.0211 PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING 0331.0221 TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS SHORT ORDERS WALKOVERS BATTERY (HTR TRITS, SEPAR, GAS T) SECONDARY CONTAINMENTS FACILITY LINE PIPE Total Tangible Cost 1,494,800 333.0203 33.0201 33.0201 33.0201 37.0202 38.0207 277,000 333.0201 276 333.0201 276 333.0201 276 333.0201 3						
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Total Intangible Cost						
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CONDUCTOR PIPE 0331.0206 6,000 SURFACE CASING 0331.0207 277,000 INTERMEDIATE CASING 0331.0208 781,800 PRODUCTION CSG/TIE BACK 0331.0211 245,000 0333.0211 PERMANENT DOWNHOLE EQUIPMENT 0331.0215 59,000 0333.0215 WATER STRING CASING 0331.0221 70,000 TUBING 0331.0221 70,000 0333.0211 SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT GATHERING/FLOWLINES METERING EQUIPMENT LEASE AUTOMATION MATERIALS PRODUCTION EQUIPMENT FLEGHT FL/GL - MATERIALS SHORT ORDERS WALKOVERS BATTERY (HTR TRITS,SEPAR,GAS T) SECONDARY CONTAINMENTS FACILITY LINE PIPE 1044,800 331.020 331.020 331.020 331.020 331.020 331.020 333						3,946,000
SURFACE CASING 0331.0207 277,000 INTERNEDIATE CASING 1 0331.0208 781,800 245,000 0333.0211 PERMANENT DOWNHOLE EQUIPMENT 0331.0215 59,000 0333.0215 WATER STRING CASING 0331.0221 70,000 TUBING 331.0221 70,000 0333.0201 276 SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT GATHERING/FLOWLINES METERING EQUIPMENT LEASE AUTOMATION MATERIALS PRODUCTION EQUIPMENT FRIGHT FLIGH FLIGH STRING FLIGHT FLIGH STRING FLIGHT FLIGH STRING FLIGHT FLIGH STRING FLIGHT						38,000
NTERMEDIATE CASING 0331.0208						
PRODUCTION CSG/TIE BACK 0331.0211 245,000 0333.0211 PERMANENT DOWNHOLE EQUIPMENT 0331.0215 59,000 0333.0215						
PERMANENT DOWNHOLE EQUIPMENT WATER STRING CASING 0331.0221 70,000 0333.0201 276 SUBFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT GATHERING/FLOWLINES METERING EQUIPMENT LEASE AUTOMATION MATERIALS PRODUCTION EQUIPMENT FRIGHT LEASE AUTOMATION MATERIALS SHORT ORDERS WALKOVERS BATTERY (HTR TRTR, SEPAR, GAS T) SECONDARY CONTAINMENTS FACILITY LINE PIPE Total Tanglole Cost 1,494,800 333.0201 276 331.0215 9333.0201 276 331.0215 933.0201 276 331.0215 933.0201 276 331.0216 9333.0201 276 331.0216 9333.0201 276 331.0216 9333.0201 276 331.0216 9333.0201 276 331.0216 9333.0201 276 331.0216 9333.0201 276 331.0216 9333.0201 276 331.0216 9333.0201 276 331.0216 9333.0201 276 9333.0201 276 9333.0201 276 9333.0201 276 9333.0201 276 9333.0201 276 9333.0201 9333.0						
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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 31:		0331.0221	70,000			
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LEASE AUTOMATION MATERIALS PRODUCTION EQUIPMENT FREIGHT FL/GL - MATERIALS SHORT ORDERS WALKOVERS BATTERY (HTR TRITS.EPAR.GAS T) SECONDARY CONTAINMENTS FACILITY LINE PIPE Total Tangible Cost 1,494,800 31:	GATHERING/FLOWLINES					
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FL/GL - MATERIALS SHORT ORDERS WALKOVERS BATTERY (HTR TRTR,SEPAR,GAS T) SECONDARY CONTAINMENTS FACILITY LINE PIPE Total Tangible Cost 1,494,800 31.	LEASE AUTOMATION MATERIALS					
SHORT ORDERS WALKOVERS BATTERY (HTR TRTR.SEPAR.GAS T) SECONDARY CONTAINMENTS FACILITY LINE PIPE Total Tangible Cost 1,494,800 31.	PRODUCTION EQUIPMENT FREIGHT					
SHORT ORDERS WALKOVERS BATTERY (HTR TRTR.SEPAR.GAS T) SECONDARY CONTAINMENTS FACILITY LINE PIPE Total Tangible Cost 1,494,800 31.	FL/GL - MATERIALS					
WALKOVERS BATTERY (HTR TRTR.SEPAR.GAS T) SECONDARY CONTAINMENTS FACILITY LINE PIPE Total Tangible Cost 1,494,800 31.						
BATTERY (HTR TRTR, SEPAR, GAS T) SECONDARY CONTAINMENTS FACILITY LINE PIPE Total Tangible Cost 1,494,800 31.						
SECONDARY CONTAINMENTS FACILITY LINE PIPE Total Tangible Cost 1,494,800 31.						
FACILITY LINE PIPE Total Tangible Cost 1,494,800 31.						
Total Tangible Cost 1,494,800 314						
		t	1 /0/ 000			314,000
	Total Estimated Cos		4,469,800			4,260,000

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

COIVI		Production Equip			Post Completion		Total
Description	Codes	r roduction Equip	Amount	Codes	1 ost compiction	Amount	Cost
LAND/LEGAL/CURATIVE	0336.0002		0				10,000
DAMAGES	0336.0005		0				20,000
PAD CLEANUP			- V	0334.0024		3,000	13,000
ROAD/PAD CONSTRUCTION	0336.0030		5,334	0331.0021		3,000	105,334
CONDUCTOR, MOUSE HOLE & CELLAR	0330.0030		3,334				20,000
RIG MOBILIZE/DEMOBILIZE							
SUPERVISION	0336.0040		14.400	0334.0040		F 000	110,000
DRILLING RIG	0330.0040		14,400	0334.0040		5,000	153,400
CASING CREW							758,000
				02240056			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			10,555				177,000
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190		31,867	0334.0190		0	362,867
STIMULATION FLUID	0550.0150		31,007	0334.0083		0	
FRAC TREE RENTAL				0334.0083			155,000
						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	t		321,734			212,193	7,454,927
WELLHEAD EQUIPMENT SURFACE				0334.0202		10,000	104,000
CONDUCTOR PIPE						10,000	6,000
SURFACE CASING							277,000
INTERMEDIATE CASING I							781,800
PRODUCTION CSG/TIE BACK				0224 0215			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				
SECONDARY CONTAINMENTS	0336.0336						128,400
FACILITY LINE PIPE	0336.0336		5,333				5,333
			11,600				11,600
Total Tangible Cost			358,266			30,000	2,197,066
Total Estimated Cost			680,000			242,193	9,651,993

Exploration Region Well Name Prospect Property Number PERMIAN BASIN LOOSEY GOOSEY 4-9 FED COM 301H 411354293 026 County, State Location Estimated Spud Estimated Spud Estimated Subject Society Section 33, Township 19 South, Range 34 East 5/27/2024 X New Formation Well Type Ttl Measured Depth Ttl Veti Supplement Brevision 3rd Bone Spring 20,850 10 Purpose Drill and complete well Description Intangible Cost \$2,975,000 Completion Costs \$44,866,618 Total Intangible Cost \$7,841,618 Tangible Cost)2672206
PERMIAN BASIN LOOSEY GOOSEY 4-9 FED COM 301H 411354293 020 County, State Location Estimated Spud Estimated Lea, NM Section 33, Township 19 South, Range 34 East 5/27/2024 X New Formation Well Type Ttl Measured Depth Ttl Veti Supplement Revision 20,850 10 Purpose Drill and complete well Description Intangible Cost \$2,975,000 Completion Costs \$4,866,618 Total Intangible Cost \$7,841,618 Tangible Cost	repared 2023
Lea, NM Section 33, Township 19 South, Range 34 East 5/27/2024 X New Formation Well Type Ttl Measured Depth Ttl Veti Supplement Revision Purpose Drill and complete well Description Intangible Cost Drilling Costs \$2,975,000 Completion Costs \$4,866,618 Total Intangible Cost Tangible Cost	AFE 6722065
Supplement Revision Purpose Drill and complete well Description Intangible Cost \$2,975,000 Completion Costs \$4,866,618 Total Intangible Cost \$7,841,618 Tangible Cost	l Completion
Intangible Cost Drilling Costs \$2,975,000 Completion Costs \$4,866,618 Total Intangible Cost \$7,841,618 Tangible Cost	ical Depth 0,850
Intangible Cost Drilling Costs \$2,975,000 Completion Costs \$4,866,618 Total Intangible Cost \$7,841,618 Tangible Cost	
Drilling Costs \$2,975,000 Completion Costs \$4,866,618 Total Intangible Cost \$7,841,618 Tangible Cost	
Completion Costs \$4,866,618 Total Intangible Cost \$7,841,618 Tangible Cost	
Total Intangible Cost \$7,841,618 Tangible Cost	
Tangible Cost	
Tangible \$2,780,375	
Total Tangible Cost \$2,780,375	

Comments On Well Costs

Total Well Cost

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.

\$10,621,993

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.

1	Ionoperator 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.

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

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

DANDÁES 0331.0002	Post Co	Post Completic	on Total
JANDIEGRAL/CURATIVE			mount Cos
DAMAGES 031 1005 20,000 033 30024 10,000 00000 000000 031 0000 000000 031 00000			10,00
RICADAPAD CONSTRUCTION 0310038 100,000 0336.0040 336.0040 18,928 0.000 0336.0040 18,928 0.000 0336.0040 18,928 0.000 0336.0040 18,928 0.000 0336.0040 18,928 0.000 0336.0040 18,928 0.000 0336.0040 18,928 0.000 0336.0040 18,928 0.000 0336.0040 18,928 0.000 0336.0040 18,928 0.000 0336.0040 18,928 0.000 0336.0040 18,928 0.000 0336.0040 0.000 03			22,05
CONDUCTION MOUSE FOLDE & CELLAR 03310031 20,000 SUPERVISION 03310050 110,000 0330040 44,000 0336,0040 18,928 02,000 0336,0040 18,928 02,000 0336,0040 18,928 02,000 0336,0040 18,928 02,000 0336,0040 18,928 02,000 0336,0040 18,928 02,000 03,	0334.0024	334.0024	3,000 13,00
CONDUCTON, MOUSE HOLE & CELLAR 03310035 20,000	33		134,88
RICE MOBILEZ/POMOBILEZ 03310093 03310094 03310095 03310095 03310095 03310095 03310095 03310095 03310095 03310095 03310095 03310095 03310095 03310095 03310095 03310095 03310095 03310096 03330095 00 00 00 00 00 00 00 00 00			20,00
DRILLING RIG CASING CREW CASI			110,00
DRILLING RIG	0334.0040	334.0040	5,000 157,92
TIBULIAN INSPECTIONS WELLONG/ROUSTABOUTS/LEASE CREWS 0310079 RIG FUEL 03310071 87000 03330073 20,000 03330073 20,000 03330073 00 0330073 00 0330073 00 0330073 00 0330073 00 0330073 00 0330073 00 0330073 00 0330073 00 0330073 00 0330073 00 0330073 00 0330073 00 0330073 00 0330073 00 0330073 00 0330073 00 0330073 00 0330073 00 0330074 0330073 033007			758,00
WELDINGROUTABOUTS/LEASE CREWS 0331.0099 25.000 0333.0099 0 0 0 0 0 0 0 0 0			43,00
BIG FUE 03110071 03710071 0 0 0 0 0 0 0 0 0	0334.0056	334.0056	0 64,00
MATER A TRANSFER/TRUCKING (NOT DRIG ORIL BITS ORIL BITS ORILOTOR ORILLING SERVICES ORIGINAL DRILLING SERVICES	0334.0059	334.0059	5,000 30,000
DRILLINTS DRILLINTS DRILLING MUD & ADDITIVES 0331.0080 DRICTIONAL DRILLING SERVICES 0331.0090 331.0090 331.0090 333.0091 330.000 0333.0016 109,000 0336.016 22,714 00 00 00 00 00 00 00 00 00	0334.0071	334.0071	0 87,00
DRILLIBRIS DRILLIDRIS	0334.0073	334.0073	0 45,00
DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DIRECTIONAL DRILLING SERVICES DIRECTIONAL DRILLING SERVICES O331.0090 DIRECTIONAL DRILLING SERVICES O331.0090 DIRECTIONAL DRILLING SERVICES O331.0096 SURFACE RENTALS O331.0096 DRILLING SERVICES O331.0097 OTHER RICK/MISC EVENNES O331.0107 OTHER RICK/MISC EVENNES O331.0110 OTHER RICK/MISC EVENNES O331.0110 OTHER RICK/MISC EVENNES O331.0110 OTHER RICK/MISC EVENNES O331.0110 OVERHEAD OVERHEAD OVERHEAD O331.0120 OVERHEAD OVERHEAD O331.0130 OVERHEAD O331.0142 DISTORAL ABOR/FEQUIP O331.0150 FRACE TREE RENTAL OSSIAN OSSIA LABOR/FEQUIP O331.0160 FRACE TREE RENTAL O333.0102 OSSIAN			62,00
DIRECTIONAL DRILLING SERVICES 0331.0096 131,0000 233.0095 45,000 2036.0096 2,001 03000NNHOLE REPRIVATES 0331.0095 99,000 0333.0096 130,000 0336.0096 2,001 0350.0096 2,001 0			285,00
SURFACE RENTALS 0331.0096 98,000 0333.0096 130,000 0336.0096 2,001 000 0			319,00
SURPEACE RENTALS COLIDS CONTROLE QUIP/SERVICES 0331.0097 0716R RIGINNICS EXPENSES 0331.0116 071,000 0716R RIGINNICS EXPENSES 0331.0116 071,000 0733.0116 071,000 0733.0116 071,000 0733.0116 071,000 0733.0116 071,000 0733.0116 071,000 0733.0116 071,000 071	0334.0095	334.0095	0 186,00
SOLIDS CONTROL EQUIPSERVICES 0331 0116 0716R RIG/MISC EXPENSES 0331 0116 071000 0716R RIG/MISC EXPENSES 0710000 07100000 07100000 07100000 07100000 07100000 07100000 07100000 071000000 071000000 0710000000 0710000000 07100000000	0334.0096	334.0096	50,000 290,00
DTHER RIC/MISC EXPENSES 03310116 71,000 0333.0116 109,000 0336.0116 22,714 0387.0176 0331.0120 0331.0120 0330.0120 0333.0130 136,000 0336.0142 27,312 0336.0142 0331.0120 0331.0120 0333.0130 0336.0142 0333.0130 0336.0142 0333.0130 0336.0142 03333.0142 03333.0142 03333.0142 03333.0142 03333.0142 03333.0142 033333.0142 033333.0142 033333.0142 033333.0142 033333.0142 033333.0142 0333333.0142 0333333.0142 0333333.0142 0333333.0142 0333333.0142 0333333.0142 0333333.0142 0333333.0142 03333333.0142 033333332 033333332 033333332 033333332 033333332 033333332 033333332 033333			35,00
PRIMARY CEMENTING	4 0334.0116	334.0116	0 202,71
WELL CONTROL EQUIP/SERVICES 03310130 90,000 0333.0130 136,000 0 0 0 0 0 0 0 0 0			243,00
OVERHEAD 0331.0142 15,000 0333.0142 0 0336.0142 27,312 MUD DISPOSAL LABOR/EQUIP 0331.0165 125,000 0333.0165 52,000 036.0190 107,462 0 CONTINGENCY - DRIC, COMP, PCOM, FAC 0331.0190 143,000 0333.0190 188,000 036.0190 107,462 0 STIMULATION FLUID 0333.0190 0333.0102 0 <td>0334.0130</td> <td>334.0130</td> <td>0 226,000</td>	0334.0130	334.0130	0 226,000
MUD DISPOSAL LABOR/EQUIP CONTINGENCY - DRICE, COMP, FAC 0331.0165 125,000 1333.0195 188,000 138,0190 1107,462 0333.0038 155,000 0336.0190 107,462 0333.0038 155,000 0333.0105 10,000 0333.0038 155,000 0333.0102 0 00 0333.0102 0 00 0333.0102 0 00 0333.0102 0 00 0333.0103 0,000 0333.0103 0333.0103 0,000 0333.0103 0,000 0333.0103 0333.01			42,31
CONTINGENCY - DRLG, COMP, PCOM, FAC 0331.0190 143,000 0333.0190 188,000 0336.0190 107,462 03500000 1350000 107,462 03500000 1550000 107,462 035000000 1550000 107,462 035000000 1550000 107,462 035000000 1550000 107,462 035000000 1550000 107,462 03500000000000000000000000000000000000			177,00
STIMULATION FLUID 0.333.0083 155,000 0.05	2 0334.0190	334.0190	0 438,46
FRAC TREE RENTAL 0333,0098 60,000 0; FLOWBACK SERVICES 0333,0110 0 0; STIMULATION/FRACTURING 0333,0110 2,000 0; STIMULATION/FRACTURING 0333,0135 2,481,000 0; STIMULATION/FRACTURING 0333,0135 2,481,000 0; STIMULATION/FRACTURING 0333,0135 2,481,000 0; STIMULATION/FRACTURING 0333,0135 2,481,000 0; COMPLETION ING/WORKOVER RIG 0333,0150 21,000 0; COLI TUBING SERVICES 0333,0151 168,000 0; SWD - PIPED TO 3RD PARTY SWD WELL 034,000 0336,0016 12,277 FUGL - OLABOR 0336,0016 12,277 FUGL - OLABOR 0336,0016 12,277 FUGL - OLABOR 0336,0016 12,277 FUGL - LABOR 0336,0016 10,816 SURVEY 0336,0018 56,003 FUGL - SUPERVISION 0336,0119 35,803 FUGL - SUPERVISION 0336,0119 35,803 FUGL - SUPERVISION 0336,0019 35,803 FUGL - SUPER	0334.0083		0 155,00
FLOWBACK SERVICES 0333.0102 0 0.00	0334.0098		0 60,00
BRIDGE PLUGS/FRAC PLUGS 0333.0110 40,000 0.	0334.0102		30,000
STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COLI TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR JPC & EXTERNAL PAINTING FL/GL - ND FAD LABOR FL/GL - LABOR FL/GL - SUPERVISION SURVEY ALD IN CONSTRUCT/3RD PARTY CONNECT CONDUCTOR PIPE O331.0202 COLOTION/FRACTOR O331.0207 COLOTION/FRACTOR O331.0207 SURVEY ALD IN CONSTRUCT/3RD PARTY CONNECT CONDUCTOR PIPE O331.0206 GO. SURFACE CASING O331.0207 O333.0202 SURFACE CASING O333.0203 SURVEY ALD IN CONSTRUCT/SRD PARTY CONNECT CONDUCTOR PIPE O331.0206 SURFACE CASING O331.0207 CONDUCTOR PIPE O331.0206 SURFACE CASING O331.0207 O333.0202 SURFACE CASING O331.0207 O333.0202 SURFACE CASING O333.0203 SURFACE CASING O333.0203 SURFACE CASING O333.0203 SURFACE CASING O333.0201 O333.0201 O333.0202 O333.0202 O333.0202 O333.0203 O333.0	0334.0110	-	0 40,000
PERFORATING & WIRELINE SERVICES 0333.0136 283,000 0.00	0334.0135		0 2,481,00
COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPPE TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR FLYGL - ON PAD LABOR FLYGL - SUPERVISION SURVEY AID IN CONSTRUCT/3RD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost SURFACE CASING O331.0202 CONDUCTOR PIPE O331.0205 FRODUCTION CSG/TIE BACK O331.0205 PRODUCTION CSG/TIE BACK O331.0215 SURFACE EQUIPMENT SUBING SURFACE EQUIPMENT SUBJECT	0334.0136		0 283,00
COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR JO336,0042 AUTOMATION LABOR JO36,0043 AU,672 DPC & EXTERNAL PAINTING JO36,0107 PL/GL - ON PAD LABOR FL/GL - LABOR FL/GL - LABOR FL/GL - LABOR FL/GL - SUPERVISION JO36,0107 JO36,0107 JO37,77 JO37,77 JO37,77 JO37,77 JO37,77 JO38,0112 JO38,0114 JO38,	0334.0150		0 21,00
SWD - PIPED TO 3RD PARTY SWD WELL 0.036.0042 150,727 0.336.0043 44,672 0.036.0043 44,672 0.036.0043 44,672 0.036.0043 44,672 0.036.0016 12,277 0.036.0016 12,277 0.036.0016 12,277 0.036.0016 12,277 0.036.0016 12,277 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 56,083 0.036.0016 0.03	0334.0151		0 168,000
MECHANICAL LABOR AUTOMATION LABOR BY A STERNAL PAINTING FL/GL - ON PAD LABOR FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY AID IN CONSTRUCT/3RD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost Total Intangible Cost SURFACE CASING SINGER O S33.0202 SURFACE CASING SURFACE CASING O331.0202 SURFACE CASING O331.0202 SURFACE CASING O331.0210 SURFACE EQUIPMENT SURFACE O331.0210 SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT SURFACE CASING METERING CONDICTOR SURFACE EQUIPMENT SURFACE EQUIPMENT SURFACE EQUIPMENT SURFACE EQUIPMENT SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT SURFACE	0334.0172		09,193 109,193
AUTOMATION LABOR IPC & EXTERNAL PAINTING IPC & EXTERNAL PAINTING FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY AID IN CONSTRUCT/3RD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING O331.0205 SURFACE CASING O331.0207 O331.0210 PRODUCTION CSG/TIE BACK O331.0217 TOURING WATER STRING CASING O331.0217 TOURING WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT AUTOMATION MATERIALS N/C LEASE EQUIPMENT METERING FLOWLINES TOURING MATERIALS METERING EQUIPMENT GATHERING-FLOWLINES TANKS, STEPS, STAIRS METERING EQUIPMENT METERING EQUIPMENT GATHERING-FLOWLINES TOURING MATER STRING CAGING O336.0332 A4,907 MATER STRING EQUIPMENT MELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT GATHERING-FLOWLINES TANKS, STEPS, STAIRS METERING EQUIPMENT GATHERING-FLOWLINES TANKS, STEPS, STAIRS METERING EQUIPMENT GATHERING-FLOWLINES TOURING MATER STRING EQUIPMENT GATHERING-FLOWLINES TOURING MATER STRING CAGING O336.0312 A4465 A4567 A4609 A4670 A47000 A4670 A47000 A4670 A47000 A4670 A47000 A47000		10	150.72
PC & EXTERNAL PAINTING		334.0043	0 44,67
FL/GL - ON PAD LABOR FL/GL - LABOR FL/GL - SUPERVISION SURVEY AID IN CONSTRUCT/3RD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE 0331.0206 SURFACE CASING 0331.0207 TOTAL ON STAIL CASING 0331.0217 TOTAL ON STAIL CASING 0333.0207 TOTAL CASING 0333.0207 TOTAL ON STAIL CASING 0333.0207 TOTAL CASING 0333.0207 TO	-		12,27
FL/GL - LABOR FL/GL - SUPERVISION SURVEY AID IN CONSTRUCT/3RD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost VELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE 0331,0200 SURFACE CASING 0331,0207 SURFACE CASING 0331,0207 SURFACE CASING 0331,0207 SURFACE CASING 0331,0207 TOTAL PREMAINENT DOWNHOLE EQUIPMENT 0331,0215 SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE AUTOMATION MATERIALS			101,72
FL/GL - SUPERVISION SURVEY AID IN CONSTRUCT/3RD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE 0331.0202 SURFACE CASING 0331.0207 SURFACE CASING 0331.0207 0331.0208 FREMANENT DOWNHOLE EQUIPMENT 0331.0215 0331.0221 0331.0221 0333.0211 0 00333.0211 0 00333.0211 0 00333.0211 0 00333.0211 0 00333.0211 0 00333.0211 0 00333.0211 0			56,08
SURVEY			10,81
AID IN CONSTRUCT/3RD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE 0331.0206 CONDUCTOR PIPE 0331.0206 G,000 SURFACE CASING 0331.0207 ROTO,000 INTERMEDIATE CASING 0331.0207 ROTO,000 INTERMEDIATE CASING 0331.0210 ROTO,000 WATER STRING CASING 0331.0211 VIBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT WELL AUTOMATION MATERIALS METERNING EQUIPMENT FREIGHT METERNING EQUIPMENT METERNING EQUIPMENT MATERNING EQUIPMENT MAT			5,24
CONTINGENCY - PIPELINE 0336.0191 35,803			75,71
Total Intangible Cost			35,80
WELLHEAD EQUIPMENT SURFACE O331.0202 ONDUCTOR PIPE O331.0206 6,000 SURFACE CASING O331.0207 OXTROMEDIATE CASING O331.0207 OXTREMEDIATE CASING O331.0211 OXTREMEDIATE CASING O331.0211 OXTREMEDIATE CASING O331.0215 O331.0215 O331.0215 O333.0211 O O333.0215 O WATER STRING CASING O331.0221 O333.0217 O333.0211 O O333.0215 O WATER STRING CASING O331.0221 O333.0211 O O333.0215 O O333.0215 O O333.0215 O O333.0216 O O333.0217 O O330.0317 O O333.0217 O O333		2	12,193 7,841,61
CONDUCTOR PIPE 0331.0206 6,000	0334.0202		10,000 104,000
SURFACE CASING 0331.0207 277,000 781,8			6,00
NTERMEDIATE CASING 0331.0208			277,00
PRODUCTION CSG/TIE BACK 0331.0211 245,000 0333.0211 0 0 03 03 033 0215 0 03 03 033 0215 0 03 033 0215 0 033 033 0215 0 033 033 0215 0 033 033 033 0215 0 033 <td></td> <td></td> <td>781,80</td>			781,80
PERMANENT DOWNHOLE EQUIPMENT 0331.0215 59,000 0333.0215 0 0 WATER STRING CASING 0331.0221 70,000 0333.0201 276,000 0 SURFACE EQUIPMENT 0336.0303 157,110 0 WELL AUTOMATION MATERIALS 0336.0303 157,110 0 SATHERING-FLOWLINES 0336.0317 74,039 METERING EQUIPMENT 0336.0321 24,445 LEASE AUTOMATION MATERIALS 0336.0322 45,970 FACILITY ELECTRICAL 0336.0324 66,034 PRODUCTION EQUIPMENT FREIGHT 0336.0332 23,256 FL/GL - MATERIALS 0336.0331 19,956 SHORT ORDERS 0336.0332 4,326 PUMPS 0336.0333 33,885 WALKOVERS 0336.0333 240,288 SECONDARY CONTAINMENTS 0336.0336 9,843			245,00
WATER STRING CASING 0331.0221 70,000 0333.0201 276,000 0333.0201 0336.000 0333.0201 0336.000<	0334.0215	334.0215	0 59,00
TUBING 0333,0201 276,000 036,0333 036 036 036 036 036 036 036 036 036			70,00
SURFACE EQUIPMENT 03 WELL AUTOMATION MATERIALS 03 N/C LEASE EQUIPMENT 0336.0303 157,110 GATHERING/FLOWLINES 0336.0315 160,409 TANKS, STEPS, STAIRS 0336.0317 74,039 METERING EQUIPMENT 0336.0321 24,445 LEASE AUTOMATION MATERIALS 0336.0322 45,970 FACILITY ELECTRICAL 0336.0324 66,034 PRODUCTION EQUIPMENT FREIGHT 0336.0327 23,256 FL/GL - MATERIALS 0336.0331 19,956 SHORT ORDERS 0336.0332 4,326 PUMPS 0336.0333 33,585 WALKOVERS 0336.0334 6,490 BATTERY (HTR TRTR, SEPAR, GAS T) 0336.0335 240,288 SECONDARY CONTAINMENTS 0336.0336 9,843	0334.0201	334.0201	0 276,00
WELL AUTOMATION MATERIALS 0 N/C LEASE EQUIPMENT 0336.0303 157,110 0 GATHERING/FLOWLINES 0336.0315 160,409 0 TANKS, STEPS, STAIRS 0336.0317 74,039 METERING EQUIPMENT 0336.0321 24,445 LEASE AUTOMATION MATERIALS 0336.0322 45,970 FACILITY ELECTRICAL 0336.0324 66,034 PRODUCTION EQUIPMENT FREIGHT 0336.0331 19,956 SHORT ORDERS 0336.0331 19,956 SHORT ORDERS 0336.0332 4,326 PUMPS 0336.0333 33,885 WALKOVERS 0336.0334 6,490 BATTERY (HTR TRTR,SEPAR,GAS T) 0336.0335 240,288 SECONDARY CONTAINMENTS 0336.0336 9,843	0334.0203		15,000 15,000
N/C LEASE EQUIPMENT 0336.0303 157,110 00 GATHERING/FLOWLINES 0336.0315 160,409 00 TANKS, STEPS, STAIRS 0336.0317 74,039 METERING EQUIPMENT 0336.0322 45,970 LEASE AUTOMATION MATERIALS 0336.0322 45,970 FACILITY ELECTRICAL 0336.0324 66,034 PRODUCTION EQUIPMENT FREIGHT 0336.0331 19,956 SHORT ORDERS 0336.0332 4,326 PUMPS 0336.0333 33,585 WALKOVERS 0336.0334 6,490 BATTERY (HTR TRTR,SEPAR,GAS T) 0336.0335 240,288 SECONDARY CONTAINMENTS 0336.0336 9,843	0334.0329		5,000 5,000
GATHERING/FLOWLINES 0336.0315 160,409 03 TANKS, STEPS, STAIRS 0336.0317 74,039 74,039 METERING EQUIPMENT 0336.0322 24,445 LEASE AUTOMATION MATERIALS 0336.0322 45,970 FACILITY ELECTRICAL 0336.0324 66,034 PRODUCTION EQUIPMENT FREIGHT 0336.0337 23,256 FL/GL - MATERIALS 0336.0331 19,956 SHORT ORDERS 0336.0332 4,326 PUMPS 0336.0333 33,585 WALKOVERS 0336.0334 6,490 BATTERY (HTR TRTR,SEPAR,GAS T) 0336.0335 240,288 SECONDARY CONTAINMENTS 0336.0336 9,843			0 157,110
TANKS, STEPS, STAIRS 0336.0317 74,039 METERING EQUIPMENT 0336.0321 24,445 LEASE AUTOMATION MATERIALS 0336.0322 45,970 FACILITY ELECTRICAL 0336.0324 66,034 PRODUCTION EQUIPMENT FREIGHT 0336.0327 23,256 FL/GL - MATERIALS 0336.0331 19,956 SHORT ORDERS 0336.0332 4,326 PUMPS 0336.0333 33,585 WALKOVERS 0336.0334 6,490 BATTERY (HTR TRTR,SEPAR,GAS T) 0336.0335 240,288 SECONDARY CONTAINMENTS 0336.0336 9,843			0 160,40
METERING EQUIPMENT 0336.0321 24,445 LEASE AUTOMATION MATERIALS 0336.0322 45,970 FACILITY ELECTRICAL 0336.0327 23,256 FL/GL - MATERIALS 0336.0331 19,956 SHORT ORDERS 0336.0332 4,326 PUMPS 0336.0333 33,585 WALKOVERS 0336.0334 6,490 BATTERY (HTR TRTR,SEPAR,GAS T) 0336.0335 240,288 SECONDARY CONTAINMENTS 0336.0336 9,843			74,03
LEASE AUTOMATION MATERIALS 0336.0322 45,970 FACILITY ELECTRICAL 0336.0324 66,034 PRODUCTION EQUIPMENT FREIGHT 0336.0331 19,956 FL/GL - MATERIALS 0336.0331 19,956 SHORT ORDERS 0336.0332 4,326 PUMPS 0336.0333 33,585 WALKOVERS 0336.0334 6,490 BATTERY (HTR TRIT, SEPAR, GAS T) 0336.0335 240,288 SECONDARY CONTAINMENTS 0336.0336 9,843			24,44
FACILITY ELECTRICAL 0336.0324 66,034 PRODUCTION EQUIPMENT FREIGHT 0336.0327 23,256 FL/GL - MATERIALS 0336.0331 19,956 SHORT ORDERS 0336.0332 4,326 PUMPS 0336.0333 33,585 WALKOVERS 0336.0334 6,490 BATTERY (HTR TRTR,SEPAR,GAS T) 0336.0335 240,288 SECONDARY CONTAINMENTS 0336.0336 9,843			45,97
PRODUCTION EQUIPMENT FREIGHT 0336.0327 23,256 FL/GL - MATERIALS 0336.0331 19,956 SHORT ORDERS 0336.0332 4,326 PUMPS 0336.0333 33,585 WALKOVERS 0336.0334 6,490 BATTERY (HTR TRTR,SEPAR,GAS T) 0336.0335 240,288 SECONDARY CONTAINMENTS 0336.0336 9,843			66,03
FL/GL - MATERIALS 0336.0331 19,956 SHORT ORDERS 0336.0332 4,326 PUMPS 0336.0333 33,585 WALKOVERS 0336.0334 6,490 BATTERY (HTR TRTR,SEPAR,GAS T) 0336.0335 240,288 SECONDARY CONTAINMENTS 0336.0336 9,843			23,25
SHORT ORDERS 0336.0332 4,326 PUMPS 0336.0333 33,585 WALKOVERS 0336.0334 6,490 BATTERY (HTR TRTR,SEPAR,GAS T) 0336.0335 240,288 SECONDARY CONTAINMENTS 0336.0336 9,843			19,95
PUMPS 0336.0333 33,585 WALKOVERS 0336.0334 6,490 BATTERY (HTR TRTR,SEPAR,GAS T) 0336.0335 240,288 SECONDARY CONTAINMENTS 0336.0336 9,843			4,32
WALKOVERS 0336.0334 6,490 BATTERY (HTR TRTR,SEPAR,GAS T) 0336.0335 240,288 SECONDARY CONTAINMENTS 0336.0336 9,843			33,58
BATTERY (HTR TRTR,SEPAR,GAS T) 0336.0335 240,288 SECONDARY CONTAINMENTS 0336.0336 9,843			6,49
SECONDARY CONTAINMENTS 0336.0336 9,843			240,28
			9,84
45,450			45,43
TELECOMMUNICATION EQUIPMENT 0336.0338 324			
			32,07
FACILITY LINE PIPE 0336.0339 30,070			
Total Estimated Cost 4,469,800 4,260,000 1,650,000			2,780,37 2,193 10,621,99

AFE # 026722065

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

	IVI JUII I	Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amoun
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		10,000
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000		
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000		
SUPERVISION	0331.0040		0333.0040	44,000
DRILLING RIG		90,000	0333.0040	44,000
	0331.0050	758,000	0000 0055	
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		130,000
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,000
PRIMARY CEMENTING	0331.0110		3333.0110	109,000
		243,000	0222.0120	40000
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			0333.0150	168,000
			0333.0131	166,000
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 Cos	t	2,975,000		3,946,000
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000
CONDUCTOR PIPE	0331.0206		0333.0202	38,000
		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 Cos	t	1,494,800		314,000
		4,469,800		4,260,000
Total Estimated Cost				

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

	Production	Equip		Post Completion		Total
Description	Codes	Amount	Codes		Amount	Cos
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		- 1,122				20,000
RIG MOBILIZE/DEMOBILIZE						110,000
SUPERVISION	0336.0040	10.030	0334.0040		5,000	
	0330.0040	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	27.242	0334.0130		0	
	0550.0142	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 Cos	t	708,425			212,193	7,841,618
WELLHEAD EQUIPMENT SURFACE			0334.0202		10,000	104,000
CONDUCTOR PIPE					,	6,000
SURFACE CASING						
INTERMEDIATE CASING I						277,000
						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			0	157,110
GATHERING/FLOWLINES	0336.0315				0	
			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					
PUMPS		4,326				4,326
	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		20.070				
FACILITY LINE PIPE Total Tangible Cos	0336.0339	30,070 941,575			30,000	30,070 2,780,375

0

COTERRA	Authorization For Expenditure Drilli	ng		AFE # 02672206
Company Entity CIMAREX ENERGY CO ((999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name LOOSEY GOOSEY 4-9 FED COM 304H	Prospect	Property Number 411354290	AFE 026722060
County, State Lea, NM	Location Section 33, Township 19 South, Range 34 Ea	ast	Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation 3rd Bone Spring	Well Type	Ttl Measured Depth 20,820	Ttl Vetical Depth 10,820
Purpose Drill and co	omplete well			
Description				
Intangible		Cost		
Drilling Costs		\$2,975,000		
Completion Cost		\$4,866,618		
Total Intangible Cost		\$7,841,618		
Tangible		Cost		
Tangible		\$2,780,375		
Total Tangible Cost		\$2,780,375		

Comments On Well Costs

Total Well Cost

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.

\$10,621,993

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.

 Ionoperator 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.

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

	U4H	illing	Comi	n/Ctim	Producti	ion Equip	Port Cor	nnlation	Total
Description	Codes	Amount	Codes	p/Stim Amount	Codes	Amount	Post Cor Codes	Amount	Total Cos
LAND/LEGAL/CURATIVE	0331.0002	10,000	Codes	Amount	0336.0002	0	Codes	Amount	10,000
DAMAGES	0331.0005	20,000			0336.0005	2,056			22,056
PAD CLEANUP	0331.0003	20,000	0333.0024	10,000	0330.0003	2,030	0334.0024	3,000	13,000
ROAD/PAD CONSTRUCTION	0331.0024		0333.0024	10,000	0336.0030	24.002	0334.0024	3,000	
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0030	100,000			0330.0030	34,883			134,883
RIG MOBILIZE/DEMOBILIZE	0331.0031	20,000							20,000
		110,000	0222.0040		0226 0040		0334.0040		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		.50,000		2,001		,000	35,000
OTHER RIG/MISC EXPENSES	0331.0037	71,000	0333.0116	109,000	0336.0116	22,714	0334.0116	0	202,714
PRIMARY CEMENTING	0331.0116		3333.0110	109,000	00000110	22,114	JJJ-1.0110	U	
		243,000	0222 0120	120,000			0224 0120	0	243,000
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000	0226.04.42	27245	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			0333.0131	100,000			0334.0172	109,193	109,193
MECHANICAL LABOR					0336.0042	150.727	0334.0172	109,193	150,727
AUTOMATION LABOR							0334.0043		,
					0336.0043	44,672	0554.0045	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	0331.0207	781,800							781,800
PRODUCTION CSG/TIE BACK	0331.0200	245,000	0333.0211	0					245,000
PERMANENT DOWNHOLE EQUIPMENT	0331.0211		0333.0211	0			0334.0215	0	59,000
		59,000	JJJJ.UZ 1J	0			JJJ-1.UZ 1J	U	
WATER STRING CASING	0331.0221	70,000	0222 0201	270.000			0224 0204		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					0336.0331				
PUMPS						4,326			4,326
					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
					0226 0220	20.070			20.070
FACILITY LINE PIPE					0336.0339	30,070			30,070
FACILITY LINE PIPE Total Tangible Cost		1,494,800		314,000	0336.0339	941,575		30,000	2,780,375

AFE # 026722060

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

COI	VI 304H	Drilling		Comn/Stim
Description	Codes	Drilling Amount	Codes	Comp/Stim Amou
LAND/LEGAL/CURATIVE	0331.0002	10,000	codes	741100
DAMAGES	0331.0005	20,000		
PAD CLEANUP	0331.0024	0	0333.0024	10,0
ROAD/PAD CONSTRUCTION	0331.0030	100,000		10,0
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000		
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000		
SUPERVISION	0331.0040	90,000	0333.0040	44,0
DRILLING RIG	0331.0050	758,000		,0
CASING CREW	0331.0055	43,000	0333.0055	
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,0
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	4,0
RIG FUEL	0331.0071	87,000	0333.0071	
WATER & TRANSFER/TRUCKING (NOT	0331.0071	25,000	0333.0071	20,0
DRILL BITS	0331.0073	62,000	0333.0073	20,0
DRILLING MUD & ADDITIVES	0331.0082	285,000		
DIRECTIONAL DRILLING SERVICES	0331.0090			
DOWNHOLE RENTALS		319,000	0222 0005	45.0
	0331.0095	141,000	0333.0095	45,0
SURFACE RENTALS	0331.0096	98,000	0333.0096	130,0
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000		
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,0
PRIMARY CEMENTING	0331.0120	243,000		
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,0
OVERHEAD	0331.0142	15,000	0333.0142	
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,0
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190	143,000	0333.0190	188,0
STIMULATION FLUID			0333.0083	155,0
FRAC TREE RENTAL			0333.0098	60,0
FLOWBACK SERVICES			0333.0102	
BRIDGE PLUGS/FRAC PLUGS			0333.0110	40,0
STIMULATION/FRACTURING			0333.0135	2,481,0
PERFORATING & WIRELINE SERVICES			0333.0136	283,0
COMPLETION RIG/WORKOVER RIG			0333.0150	21,0
COIL TUBING SERVICES			0333.0151	168,0
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		3,946,0
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,0
CONDUCTOR PIPE	0331.0206		0333.0202	36,0
SURFACE CASING	0331.0207	6,000		
INTERMEDIATE CASING I	0331.0207	277,000		
PRODUCTION CSG/TIE BACK	0331.0200	781,800	0333.0211	
PERMANENT DOWNHOLE EQUIPMENT	0331.0211	245,000	0333.0211	
		59,000	0555.0215	
WATER STRING CASING	0331.0221	70,000	0333.0201	275.0
TUBING			0555.0201	276,0
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		314,0

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

Codes 0336.0002	Production Equip	Amount	Codes	•	Amount	Cos
0336 0002						
		0				10,000
0336.0005						22,056
		_,	0334 0024		3,000	13,000
0336 0030		34 883	0331.0021		3,000	134,883
0330.0030		34,003				
						20,000
						110,000
0336.0040		18,928	0334.0040		5,000	157,928
						758,000
						43,000
			0334.0056		0	64,000
			0334.0059			30,000
						87,000
			0334.0073		0	45,000
						62,000
						285,000
						319,000
			0334.0095		0	186,000
0336.0096		2.001	0334.0096		60,000	290,001
						35,000
0336.0116		22 714	0334 0116		0	202,714
3330.0.10		cc,/14	233 1.0 1 10		U	
			0224 0120			243,000
			0334.0130		0	226,000
0336.0142		27,312				42,312
						177,000
0336.0190		107,462	0334.0190		0	438,462
			0334.0083		0	155,000
			0334.0098			60,000
						30,000
						40,000
						2,481,000
						283,000
					0	21,000
			0334.0151		0	168,000
			0334.0172		109,193	109,193
0336.0042		150.727				150,727
0336.0043			0334.0043		0	44,672
						12,277
						101,729
						56,083
		10,816				10,816
		5,246				5,246
0336.0144		75,716				75,716
0336.0191		35,803				35,803
t					212,193	7,841,618
			0334 0202			104,000
					10,000	
						6,000
						277,000
						781,800
						245,000
			0334.0215		0	59,000
						70,000
			0334.0201		0	276,000
						15,000
0226 0202		157.440				5,000
		-			0	157,110
		160,409	0334.0315		0	160,409
0336.0317		74,039				74,039
0336.0321		24,445				24,445
0336.0322						45,970
						66,034
						23,256
						19,956
						4,326
		33,585				33,585
		6,490				6,490
0336.0335	2	240,288				240,288
0336.0336						9,843
						45,430
0336.0338		324				
00000000		324				324
0226 0220		20.070				
0336.0339 t		30,070 941,575			30,000	30,070 2,780,375
	0336.0030 0336.0040 0336.0040 0336.0096 0336.0116 0336.0142 0336.0190 0336.0190 0336.0190 0336.0191 0336.031 0336.031 0336.0321 0336.0321 0336.0322 0336.0324 0336.0322 0336.0331 0336.0331 0336.0334 0336.0335 0336.0335 0336.0336 0336.0336 0336.0337	0336.0040 0336.0040 0336.0096 0336.0116 0336.0142 0336.0190 0336.0106 0336.0107 0336.0109 0336.0112 0336.0112 0336.0144 0336.0191 4 1 1 1 1 1 1 1 1 1 1 1 1	0336.0040 18,928 0336.0040 18,928 0336.0096 2,001 0336.0116 22,714 0336.0142 27,312 0336.0190 107,462 0336.0190 107,462 0336.0106 12,277 0336.0108 56,083 0336.0112 5,246 0336.0191 35,803 0336.0114 75,716 0336.0191 35,803 0336.0114 75,716 0336.0191 35,803 0336.0317 708,425 0336.0317 74,039 0336.0321 24,445 0336.0321 24,445 0336.0321 24,445 0336.0321 24,445 0336.0321 24,445 0336.0321 24,445 0336.0321 24,445 0336.0321 24,445 0336.0321 24,445 0336.0321 24,445 0336.0331 19,956 0336.0331 19,956 0336.0331 19,956 0336.0331 19,956 0336.0333 33,3585 0336.0334 4,326 0336.0333 33,3585 0336.0334 6,490 0336.0335 240,283 0336.0336 349,283 0336.0337 45,430	0336,0030 0336,0040 18,928 0334,0040 18,928 0334,0059 0334,0073 034,0073 034,00	0336,0030	0336,0040 0346,0040 18,928 0334,0056 0340,0071 0334,0073 0 0340,0071 0334,0073 0 0340,0073 0 0340,0073 0 0340,0073 0 0340,0073 0 0340,0073 0 0340,0073 0 0340,0073 0 0340,0073 0 0340,0073 0 0340,0073 0 0340,0073 0 0340,0074 0340,007

Authorization For Expenditure Drilling

AFE # 026722075

	Authorization For Expenditure	Drilling		AFE # U20/22U/3
Company Entity CIMAREX ENERGY CO	(999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name MIGHTY PHEASANT 5-8 FED COM 301H	Prospect	Property Number 411354281	AFE 026722075
County, State Lea, NM	Location Section 5, Township 20 South, Range 3	4 East, Lea County, NM	Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation 3rd Bone Spring	Well Type	Ttl Measured Depth 20,870	Ttl Vetical Depth 10,870
Purpose Drill and Description	complete well			
Intangible		Cost		
Drilling Costs		\$2,975,000		
Completion Co	ests	\$4,866,618		
Total Intangible Cost		\$7,841,618		
Tangible		Cost		
Tangible		\$2,780,375		
Total Tangible Cost		\$2,780,375		
		4-1.201222		
Total Well Cost		\$10,621,993		
Comments On Well (Costs			
	ase equipment is priced by COPAS and CEPS guideli	nes using the Historic Price M	Iultiplier.	
Well Control Insurance	ce			
Operator so long as Ope control insurance, you m in no event later than con	ed below, you, as a non-operating working interest or crator conducts operations hereunder and to pay you ust provide a certificate of such insurance acceptabl mmencement of drilling operations. You agree that nce procured by Operator.	ur prorated share of the premi e to Operator, as to form and	iums therefore. If you elect to limits, at the time this AFE is r	purchase your own well eturned, if available, but
I elect to pu	urchase my own well control insurance polic	cy.		
Marketing Election				
Cimarex sells its gas undo insufficient volumes deliv Upon written request to	er arm's-length contracts with third party purchasers vered over time. Should you choose to market your Cimarex's Marketing Department, we will share with leemed an election to market your oas with Cimarex	share of gas with Cimarex, yo you the terms and conditions	u will be subject to all of the t s pursuant to which gas will be	erms of such contracts.

I elect to take my gas in kind.

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.

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

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

		illing		o/Stim		ion Equip	Post Cor		Total
Description	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	0222.0024	40.000	0336.0005	2,056	0224 0024	2.000	22,056
PAD CLEANUP ROAD/PAD CONSTRUCTION	0331.0024 0331.0030	100,000	0333.0024	10,000	0336.0030	24002	0334.0024	3,000	13,000
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0030	100,000			0550.0050	34,883			134,883
RIG MOBILIZE/DEMOBILIZE	0331.0031	20,000 110,000							20,000 110,000
SUPERVISION	0331.0033	90,000	0333.0040	44.000	0336.0040	18,928	0334.0040	5,000	157,928
DRILLING RIG	0331.0050	758,000	0333.0010	44,000	0330.0010	10,320	033 1.00 10	3,000	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	.,000			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 AID IN CONSTRUCT/3RD PARTY CONNECT					0336.0112	5,246			5,246
CONTINGENCY - PIPELINE					0336.0144	75,716			75,716
Total Intangible Cost		2,975,000		3,946,000	0336.0191	35,803 708,425		212,193	35,803 7,841,618
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000		700,423	0334.0202	10,000	104,000
CONDUCTOR PIPE	0331.0202	6,000	0333.0202	30,000			0334.0202	10,000	6,000
SURFACE CASING	0331.0207	277,000							277,000
INTERMEDIATE CASING I	0331.0207	781,800							781,800
PRODUCTION CSG/TIE BACK	0331.0200	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		U				J	70,000
TUBING		70,000	0333.0201	276,000			0334.0201	0	276,000
SURFACE EQUIPMENT				2.0,000			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
				4,260,000		1,650,000		242,193	

AFE # 026722075

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

Description LAND/LEGAL/CURATIVE	Codes	Amoun	t Codes	Amoun
LAND/LEGAL/CURATIVE				71110011
	0331.0002	10,000	0	
DAMAGES	0331.0005	20,000		
PAD CLEANUP	0331.0024		0333.0024	10,000
ROAD/PAD CONSTRUCTION	0331.0030	100,000	0	
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000	0	
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000	0	
SUPERVISION	0331.0040	90,000	0333.0040	44,000
DRILLING RIG	0331.0050	758,000	0	
CASING CREW	0331.0055	43,000	0333.0055	(
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	
RIG FUEL	0331.0071	87,000		
WATER & TRANSFER/TRUCKING (NOT	0331.0073	25,000		20,000
DRILL BITS	0331.0080	62,000	-	20,000
DRILLING MUD & ADDITIVES	0331.0082	285,000		
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000		
DOWNHOLE RENTALS	0331.0095			45.000
SURFACE RENTALS	0331.0095	141,000	-	45,000
		98,000	-	130,000
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000		
OTHER RIG/MISC EXPENSES	0331.0116	71,000		109,000
PRIMARY CEMENTING	0331.0120	243,000		
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000		136,000
OVERHEAD	0331.0142	15,000		(
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000		52,000
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190	143,000		188,000
STIMULATION FLUID			0333.0083	155,000
FRAC TREE RENTAL			0333.0098	60,000
FLOWBACK SERVICES			0333.0102	
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 - LABOR FL/GL - SUPERVISION				
SURVEY	_			
AID IN CONSTRUCT/3RD PARTY CONNEC	1			
CONTINGENCY - PIPELINE				
Total Intangible Co		2,975,00		3,946,000
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000
CONDUCTOR PIPE	0331.0206	6,000	0	
SURFACE CASING	0331.0207	277,000	0	
INTERMEDIATE CASING I	0331.0208	781,800)	
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	
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				
TELECOMMUNICATION EQUIPMENT FACILITY LINE PIPE				
	st	1,494,80	0	314,000

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

	Production	Equip		Post Completion		Total
Description	Codes	Amount	Codes		Amount	Cos
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		- 1,122				20,000
RIG MOBILIZE/DEMOBILIZE						110,000
SUPERVISION	0336.0040	10.030	0334.0040		5,000	
	0330.0040	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	27.242	0334.0130		0	
	0550.0142	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 Cos	t	708,425			212,193	7,841,618
WELLHEAD EQUIPMENT SURFACE			0334.0202		10,000	104,000
CONDUCTOR PIPE					,	6,000
SURFACE CASING						
INTERMEDIATE CASING I						277,000
						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			0	157,110
GATHERING/FLOWLINES	0336.0315				0	
			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					
PUMPS		4,326				4,326
	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		20 070				
FACILITY LINE PIPE Total Tangible Cos	0336.0339	30,070 941,575			30,000	30,070 2,780,375

COTERRA	Authorization For Expenditure D	rilling		AFE # 02672207
Company Entity				Date Prepared
CIMAREX ENERGY CO (999901)			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	
X New Supplement Revision	Formation 3rd Bone Spring	Well Type	Ttl Measured Depth 20,870	Ttl Vetical Depth 10,870
Purpose Drill and co	omplete well			
Intangible		Cost		
Drilling Costs Completion Cost	S	\$2,975,000 \$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 Co	octe			
	e equipment is priced by COPAS and CEPS quidelin	es using the Historic Price N	Aultiplier.	
Well Control Insurance	•			
Operator so long as Opera control insurance, you mus	below, you, as a non-operating working interest or tor conducts operations hereunder and to pay your at provide a certificate of such insurance acceptable mencement of drilling operations. You agree that for e procured by Operator.	prorated share of the prem to Operator, as to form and	iiums therefore. If you elect to I limits, at the time this AFE is r	purchase your own well eturned, if available, but
I elect to pur	chase my own well control insurance policy	<i>i</i> .		
Marketing Election				
•	arm's-length contracts with third party purchasers.	Such contracts may include	e fees. In addition, penalties m	ay 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.

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.

Approved By (Print Name)	Approved By (Signature)	Date
	Approved By (Print Name)	Approved By (Print Name) Approved By (Signature)

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.

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

COIVI 3		م الله	Cama	n /Chima	Decalment	ion Faulin	Doot Con	anlatian	Total
Description	Codes	filling Amount	Codes	o/Stim Amount	Codes	on Equip Amount	Post Cor Codes	Amount	Total Cos
LAND/LEGAL/CURATIVE	0331.0002	10,000	Codes	AHOUH	0336.0002	0	Codes	Amount	10,000
DAMAGES	0331.0005	20.000			0336.0005	2,056			22,056
PAD CLEANUP	0331.0024	0	0333.0024	10,000		2,030	0334.0024	3,000	13,000
ROAD/PAD CONSTRUCTION	0331.0030	100,000	0555.0021	10,000	0336.0030	34,883	0331.0021	3,000	134,883
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000				34,003			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		44,000		10,320		3,000	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	4,000			0334.0059	5,000	30,000
RIG FUEL	0331.0071	87,000	0333.0071	0			0334.0071	3,000	87,000
WATER & TRANSFER/TRUCKING (NOT DRLG	0331.0071	25,000	0333.0071	20,000			0334.0071	0	45,000
DRILL BITS	0331.0080	62,000	0333.0073	20,000			0334.0073	U	62,000
DRILLING MUD & ADDITIVES	0331.0082	285,000							285,000
DIRECTIONAL DRILLING SERVICES	0331.0090								319,000
DOWNHOLE RENTALS	0331.0095	319,000	0333.0095	45.000			0334.0095	0	
		141,000		45,000	0226 0006	2.004		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	0000 0446		000000440		00010116		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	0000				00045		243,000
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000	00000000		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	,	U				U	70,000
TUBING	0331.0221	70,000	0333.0201	276,000			0334.0201	0	276,000
SURFACE EQUIPMENT			3333.0201	210,000			0334.0201	-	15,000
WELL AUTOMATION MATERIALS							0334.0203	15,000	
N/C LEASE EQUIPMENT					0336.0303	157440	0334.0329	5,000	5,000
GATHERING/FLOWLINES					0336.0303	157,110	0334.0303	0	157,110
					0550.0515	160,409	0554.0515	U	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 rangible Cos		1,454,000		314,000		311/313		30,000	2,100,515

AFE # 026722076

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

		Drilling			Comp/Stim	
Description	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			0333.0040		44.000
			90,000	0555.0040		44,000
DRILLING RIG	0331.0050		758,000			
CASING CREW	0331.0055		43,000	0333.0055		(
TUBULAR INSPECTIONS	0331.0056		60,000	0333.0056		4,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059		25,000	0333.0059		(
RIG FUEL	0331.0071		87,000	0333.0071		(
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			0333.0095		45.000
			141,000			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	0331.0130		143,000			
				0333.0083		155,000
FRAC TREE RENTAL				0333.0098		60,000
FLOWBACK SERVICES				0333.0102		C
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 Cos			2,975,000			3,946,000
WELLHEAD EQUIPMENT SURFACE	0331.0202			0333.0202		
			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		(
PERMANENT DOWNHOLE EQUIPMENT	0331.0215		59,000	0333.0215		(
WATER STRING CASING	0331.0221		70,000			
TUBING			.,	0333.0201		276,000
SURFACE EQUIPMENT						0,000
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 Cos	t		1,494,800			314,000
Total Estimated Cost			4,469,800			4,260,000
i otai Estiiliated Cost	1		¬,¬∪∋,0∪U			7,200,000

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

		Production Equip		Post Completion		Total
Description	Codes	Amour	t Codes	An	nount	Cos
LAND/LEGAL/CURATIVE	0336.0002		0			10,000
DAMAGES	0336.0005	2,05	6			22,056
PAD CLEANUP			0334.0024		3,000	13,000
ROAD/PAD CONSTRUCTION	0336.0030	34,88	3		.,	134,883
CONDUCTOR, MOUSE HOLE & CELLAR		3 1,000				20,000
RIG MOBILIZE/DEMOBILIZE						
SUPERVISION	0336.0040	40.00	R 0334.0040		- 000	110,000
	0556.0040	18,92	8 0554.0040		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						
DOWNHOLE RENTALS			0334.0095		0	319,000
					0	186,000
SURFACE RENTALS	0336.0096	2,00	1 0334.0096	6	0,000	290,001
SOLIDS CONTROL EQUIP/SERVICES						35,000
OTHER RIG/MISC EXPENSES	0336.0116	22,71	4 0334.0116		0	202,714
PRIMARY CEMENTING						243,000
WELL CONTROL EQUIP/SERVICES			0334.0130		0	226,000
OVERHEAD	0336.0142	27,31				42,312
MUD DISPOSAL LABOR/EQUIP		21,51				
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	107.15	2 0334.0190			177,000
	0550.0190	107,46			0	438,462
STIMULATION FLUID			0334.0083		0	155,000
FRAC TREE RENTAL			0334.0098		0	60,000
FLOWBACK SERVICES			0334.0102	3	0,000	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	10	9,193	109,193
MECHANICAL LABOR	0336.0042	150,72				150,727
AUTOMATION LABOR	0336.0043	44,67	2 0334.0043		0	44,672
IPC & EXTERNAL PAINTING	0336.0106	12,27	7			12,277
FL/GL - ON PAD LABOR	0336.0107	101,72	9			101,729
FL/GL - LABOR	0336.0108	56,08				56,083
FL/GL - SUPERVISION	0336.0109	10,81				10,816
SURVEY	0336.0112	5,24				5,246
AID IN CONSTRUCT/3RD PARTY CONNECT	0336.0144					
		75,71				75,716
CONTINGENCY - PIPELINE	0336.0191	35,80				35,803
Total Intangible Cost	t	708,42	5	2°	12,193	7,841,618
WELLHEAD EQUIPMENT SURFACE			0334.0202	1	0,000	104,000
CONDUCTOR PIPE						6,000
SURFACE CASING						277,000
INTERMEDIATE CASING I						781,800
PRODUCTION CSG/TIE BACK						
PERMANENT DOWNHOLE EQUIPMENT			0334.0215		0	245,000
			0334.0213		0	59,000
WATER STRING CASING			000			70,000
TUBING			0334.0201		0	276,000
SURFACE EQUIPMENT			0334.0203	1	5,000	15,000
WELL AUTOMATION MATERIALS			0334.0329		5,000	5,000
N/C LEASE EQUIPMENT	0336.0303	157,11	0 0334.0303		0	157,110
GATHERING/FLOWLINES	0336.0315		9 0334.0315		0	160,409
TANKS, STEPS, STAIRS	0336.0317					74,039
METERING EQUIPMENT	0336.0321	74,03				
		24,44				24,445
LEASE AUTOMATION MATERIALS	0336.0322	45,97				45,970
FACILITY ELECTRICAL	0336.0324	66,03				66,034
PRODUCTION EQUIPMENT FREIGHT	0336.0327	23,25	6			23,256
FL/GL - MATERIALS	0336.0331	19,95	6			19,956
SHORT ORDERS	0336.0332	4,32				4,326
PUMPS	0336.0333	33,58				33,585
WALKOVERS	0336.0334	6,49				6,490
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335					
		240,28				240,288
SECONDARY CONTAINMENTS	0336.0336	9,84				9,843
OVERHEAD POWER DISTR (TO FACILITY)	0336.0337	45,43				45,430
TELECOMMUNICATION EQUIPMENT	0336.0338	32	4			324
FACILITY LINE PIPE	0336.0339	30,07	0			30,070
					_	
Total Tangible Cost	t	941,57	5	3	0,000	2,780,375

COTERRA	Authorization For Expenditure [Drilling		AFE # 026722070
Company Entity				Date Prepared
CIMAREX ENERGY CO (999901)			8/2/2023
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	MIGHTY PHEASANT 5-8 FED COM 104H		411354286	026722070
County, State Lea, NM	Location Section 5, Township 20 South, Range 3	4 East. Lea County. NM	Estimated Spud 5/27/2024	Estimated Completion
		, , , , , , , , , , , , , , , , , , ,	-, ,	
X New Supplement Revision	Formation 1ST BONE SPRING	Well Type	Ttl Measured Depth 19,515	Ttl Vetical Depth 9,515
Purpose Drill and co Description	omplete well			
Intangible		Cost		
Drilling Costs Completion Cost		\$2,975,000 \$4,479,927		
Total Intangible Cost	5	\$7,454,927		
Tangible		Cost		
Tangible		\$2,197,066		
Total Tangible Cost		\$2,197,066		
Total Well Cost		\$9,651,993		
Comments On Well Co	osts			
1. All tubulars, well or leas	e equipment is priced by COPAS and CEPS guideling	nes using the Historic Price I	Multiplier.	
Well Control Insurance				
Operator so long as Opera control insurance, you mus	below, you, as a non-operating working interest of tor conducts operations hereunder and to pay you st provide a certificate of such insurance acceptable mencement of drilling operations. You agree that e procured by Operator.	or prorated share of the pren to Operator, as to form and	niums therefore. If you elect to d limits, at the time this AFE is r	purchase your own well eturned, if available, but
I elect to pur	chase my own well control insurance polic	ey.		
Marketing Election				
Cimarex sells its gas under insufficient volumes delive	arm's-length contracts with third party purchasers red over time. Should you choose to market your marex's Marketing Department, we will share with	share of gas with Cimarex, y	ou will be subject to all of the t	erms of such contracts.

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.

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.

Approved By (Print Name)	Approved By (Signature)	Date
	Approved By (Print Name)	Approved By (Print Name) Approved By (Signature)

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.

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

RIG FUEL 0331.00 WATER & TRANSFER/TRUCKING (NOT DRLG 0331.00 DRILL BITS 0331.00 DRILLING MUD & ADDITIVES 0331.00 DIRLING MUD & ADDITIVES 0331.00 DIRECTIONAL DRILLING SERVICES 0331.00 DOWNHOLE RENTALS 0331.00 SOURS CONTROL EQUIP/SERVICES 0331.00 OTHER RIG/MISC EXPENSES 0331.01 PRIMARY CEMENTING 0331.01 WELL CONTROL EQUIP/SERVICES 0331.01 WELL CONTROL EQUIP/SERVICES 0331.01 MUD DISPOSAL LABOR/EQUIP 0331.01 CONTINGENCY - DRLG, COMP, PCOM, FAC 0331.01 STIMULATION FLUID FRAC TRANSFER ERENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR IPC & EXTERNAL PAINTING FL/GL - ON PAD LABOR	5 20,000 4 0 100,000 1 20,000 5 110,000 0 90,000 0 758,000 5 43,000 6 60,000 9 25,000 1 87,000 3 25,000 0 319,000 5 441,000 6 7 35,000 6 71,000 0 243,000 0 90,000 2 15,000 1 15,000	0333.0040 0333.0056 0333.0056 0333.0071 0333.0073 0333.0096 0333.0116 0333.0130 0333.0142 0333.0165	Amount 10,000 44,000 0 4,000 0 20,000 130,000 136,000 0 52,000 188,000 155,000 60,000 0 40,000 2,481,000 283,000	Codes 0336.0002 0336.0005 0336.0030 0336.0040 0336.0040 0336.0116 0336.0116	Amount 0 0 0 5,334 14,400 3,333 14,400 16,533 31,867	Codes 0334.0024 0334.0040 0334.0056 0334.0071 0334.0095 0334.0096 0334.0116 0334.0130 0334.0130 0334.0130	3,000 5,000 0 5,000 0 60,000 0 0 0 30,000	153,400 758,000 43,000 64,000 30,000 87,000 45,000 285,000 319,000 291,333 35,000 194,400 226,000 31,533 177,000 362,865
DAMAGES 0331.00 PAD CLEANUP 0331.00 ROAD/PAD CONSTRUCTION 0331.00 CONDUCTOR, MOUSE HOLE & CELLAR 0331.00 RIG MOBILIZE/DEMOBILIZE 0331.00 SUPERVISION 0331.00 ORILLING RIG 0331.00 CASING CREW 0331.00 TUBULAR INSPECTIONS 0331.00 WELDING/ROUSTABOUTS/LEASE CREWS 0331.00 MATER & TRANSFER/TRUCKING (NOT DRLG 0331.00 DRILLING MUD & ADDITIVES 0331.00 DRILLING MUD & ADDITIVES 0331.00 DOWNHOLE RENTALS 0331.00 SOLIDS CONTROL EQUIP/SERVICES 0331.00 DOWNHOLE RENTALS 0331.00 SOLIDS CONTROL EQUIP/SERVICES 0331.00 OYER RIG/MISC EXPENSES 0331.00 WELL CONTROL EQUIP/SERVICES 0331.01 OYER RIG/MISC EXPENSES 0331.01 WELL CONTROL EQUIP/SERVICES 0331.01 OYER READ 0331.01 WELL CONTROL EQUIP/SERVICES 0331.01 CONTINGENCY - PRICE, COMP, PCOM, FAC 0331.01 STIMULATION FRAC	5 20,000 4 0 100,000 1 20,000 5 110,000 0 90,000 0 758,000 5 43,000 6 60,000 9 25,000 1 87,000 3 25,000 0 319,000 5 441,000 6 7 35,000 6 71,000 0 243,000 0 90,000 2 15,000 1 15,000	0333.0040 0333.0055 0333.0059 0333.0071 0333.0073 0333.0096 0333.0116 0333.0142 0333.0142 0333.0190 0333.0190 0333.0190 0333.0102 0333.0110 0333.0110	44,000 0 4,000 0 20,000 130,000 136,000 0 52,000 188,000 0 18,000 0 40,000 0 40,000 2,481,000	0336.0005 0336.0030 0336.0040 0336.0040 0336.0116	3,333 14,400 16,533	0334.0040 0334.0056 0334.0059 0334.0071 0334.0073 0334.0095 0334.0116 0334.0130 0334.0130 0334.0130	5,000 0 5,000 0 0 60,000	20,00 13,00 105,33 20,00 110,00 153,40 758,00 43,00 45,00 285,00 319,00 186,00 291,33 35,00 194,40 243,00 226,00 31,53 177,00
PAD CLEANUP ROAD/PAD CONSTRUCTION O331.00 CONDUCTOR, MOUSE HOLE & CELLAR (331.00 CONDUCTOR, MOUSE HOLE & CELLAR (331.00 SUPERVISION O331.00 DRILLING RIG O331.00 DRILLING RIG O331.00 WELDING/ROUSTABOUTS/LEASE CREWS (331.00 RIG FUEL O331.00 DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES O331.00 DRILLING MUD & ADDITIVES O331.00 OWNHOLE RENTALS O331.00 SURFACE RENTALS O331.00 OTHER RIG/MISC EXPENSES O331.01 OYERHEAD OVERHEAD OVERHEAD	4 C C C C C C C C C C C C C C C C C C C	0333.0040 0333.0055 0333.0059 0333.0071 0333.0073 0333.0096 0333.0116 0333.0142 0333.0142 0333.0190 0333.0190 0333.0190 0333.0102 0333.0110 0333.0110	44,000 0 4,000 0 20,000 130,000 136,000 0 52,000 188,000 0 18,000 0 40,000 0 40,000 2,481,000	0336.0030 0336.0040 0336.0096 0336.0116	5,334 14,400 3,333 14,400	0334.0040 0334.0056 0334.0059 0334.0071 0334.0073 0334.0095 0334.0116 0334.0130 0334.0130 0334.0130	5,000 0 5,000 0 0 60,000	13,00 105,33 20,00 110,00 153,40 758,00 64,00 30,00 87,00 45,00 285,00 319,00 186,00 291,33 35,00 194,40 243,00 226,00 315,33
ROAD/PAD CONSTRUCTION CONDUCTOR, MOUSE HOLE & CELLAR 0331.00 SUPERVISION O331.00 DRILLING RIG CASING CREW 0331.00 WELDING/ROUSTABOUTS/LEASE CREWS 0331.00 WILDING/ROUSTABOUTS/LEASE CREWS 0331.00 BRIG FUEL 0331.00 WATER & TRANSFER/TRUCKING (NOT DRLG 0331.00 DRILLING MUD & ADDITIVES 0331.00 DRILLING MUD & ADDITIVES 0331.00 DRILLING RIUD & ADDITIVES 0331.00 DRILLING RIUD & ADDITIVES 0331.00 DRINGLING RENTALS 0331.00 DOWNHOLE RENTALS 0331.00 OONTHOLE RENTALS 0331.00 OTHER RIG/MISC EXPENSES 0331.00 OTHER RIG/MISC EXPENSES 0331.01 WELL CONTROL EQUIP/SERVICES 0331.01 WELL CONTROL EQUIP/SERVICES 0331.01 WID DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION/FRACTURING PERFORATING & WIRELING SERVICES SIMULATION/FRACTURING PERFORATING & WIRELING SERVICES COMPLETION RIG/WOORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR PL/C& EXTERNAL PAINTING FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE 0331.02 WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE 0331.02 SURFACE CASING 0331.02 TUBING TUBING TUBING 331.02 TUBING 331.02 TUBING 331.02 TUBING 331.02 331.02 TUBING 331.02 TUBING 331.02 331.02 TUBING 331.02 331.02 TUBING 331.02 TUBING 331.02 TUBING 331.02 TUBING 331.02 331.02 TUBING 3331.02 TUBING 3331.02 TUBING 331.02 TUBING 3331.02 TUBING 3331.0	0 100,000 1 20,000 5 110,000 0 90,000 0 758,000 5 43,000 6 9 25,000 1 87,000 2 285,000 0 319,000 5 141,000 6 7 35,000 6 71,000 0 243,000 9 9,000 1 15,000	0333.0040 0333.0055 0333.0059 0333.0071 0333.0073 0333.0096 0333.0116 0333.0142 0333.0142 0333.0190 0333.0190 0333.0190 0333.0102 0333.0110 0333.0110	44,000 0 4,000 0 20,000 130,000 136,000 0 52,000 188,000 0 18,000 0 40,000 0 40,000 2,481,000	0336.0040 0336.0096 0336.0116	14,400 3,333 14,400	0334.0040 0334.0056 0334.0059 0334.0071 0334.0073 0334.0095 0334.0116 0334.0130 0334.0130 0334.0130	5,000 0 5,000 0 0 60,000	105,33: 20,000 110,000 115,340 758,000 43,000 64,000 30,000 87,000 45,000 62,000 285,000 319,000 194,400 243,000 226,000 31,53 177,000 362,866 155,000
CONDUCTOR, MOUSE HOLE & CELLAR 0331.00 RIG MOBILIZE/DEMOBILIZE 0331.00 331.00 331.00 331.00 331.00 DRILLING RIG 0331.00 CASING CREW 0331.00 CASING CREW 0331.00 331.00 RIG MUBLAR INSPECTIONS 0331.00 RIG FUEL 0331.00 DRILL BITS 0331.00 DRILL BITS 0331.00 DRILLING MUD & ADDITIVES 0331.00 DRILLING MUD & ADDITIVES 0331.00 DIRICTIONAL DRILLING SERVICES 0331.00 DOWNHOLE RENTALS 0331.00 DOWNHOLE RENTALS 0331.00 SOLIDS CONTROL EQUIP/SERVICES 0331.00 OTHER RIG/MISC EXPENSES 0331.01 PRIMARY CEMENTING 0331.01 WELL CONTROL EQUIP/SERVICES 0331.01 WELL CONTROL EQUIP/SERVICES 0331.01 TOWNHOLE RENTALS 0331.02	1 20,000 5 110,000 90,000 0 758,000 5 43,000 6 60,000 9 25,000 1 87,000 2 285,000 0 319,000 5 141,000 6 71,000 0 243,000 90,000 2 15,000 1 15,000 1 15,000 1 15,000 1 15,000 1 15,000	0333.0055 0333.0056 0333.0071 0333.0073 0333.0096 0333.0116 0333.0142 0333.0193 0333.0193 0333.0193 0333.0193 0333.0193 0333.0193 0333.0102 0333.0110 0333.0110	45,000 130,000 109,000 136,000 0 136,000 0 155,000 60,000 0 40,000 2,481,000	0336.0040 0336.0096 0336.0116	14,400 3,333 14,400	0334.0056 0334.0059 0334.0071 0334.0073 0334.0095 0334.0096 0334.0116 0334.0130 0334.0130	0 5,000 0 0 0 60,000	20,000 110,000 153,400 43,000 64,000 87,000 45,000 285,000 319,000 194,400 243,000 226,000 31,533 177,000 362,865
RIG MOBILIZE/DEMOBILIZE SUPERVISION O331.00 DRILLING RIG CASING CREW O331.00 TUBULAR INSPECTIONS WELDING/ROUSTABOUTS/LEASE CREWS RIG FUEL WELDING/ROUSTABOUTS/LEASE CREWS O331.00 WATER & TRANSFER/TRUCKING (NOT DRLG O331.00 DRILLING MUD & ADDITIVES O331.00 DRILLING SERVICES O331.00 OWNHOLE RENTALS O331.00 THER RIG/MISC EXPENSES O331.00 OVERLACE RENTALS OVERLACE CAMPLY SERVICES O331.01 OVERL CONTROL EQUIP/SERVICES O331.01 OVERL CONTROL EQUIP/SERVICES O331.01 OVERL DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TER ERENTAL FLURGS/FRAC PLUGS STIMULATION FLUID FRAC TER ERENTAL FLURGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRKUNE SERVICES COMPLETION RIG/MORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING O331.02 TUBING TUBING O331.02 TUBING	5 110,000 0 90,000 758,000 5 43,000 6 60,000 9 25,000 1 87,000 3 25,000 0 62,000 2 285,000 0 319,000 6 98,000 7 35,000 6 71,000 0 243,000 0 90,000 2 15,000 1 11,000 1 1	0333.0055 0333.0056 0333.0071 0333.0073 0333.0096 0333.0116 0333.0142 0333.0193 0333.0193 0333.0193 0333.0193 0333.0193 0333.0193 0333.0102 0333.0110 0333.0110	45,000 130,000 109,000 136,000 0 136,000 0 155,000 60,000 0 40,000 2,481,000	0336.0096 0336.0116 0336.0142	3,333 14,400 16,533	0334.0056 0334.0059 0334.0071 0334.0073 0334.0095 0334.0096 0334.0116 0334.0130 0334.0130	0 5,000 0 0 0 60,000	110,000 153,400 758,000 43,000 43,000 87,000 45,000 285,000 319,000 291,333 35,000 194,400 243,000 226,000 31,533
SUPERVISION 0331.00 DRILLING RIG 0331.00 CASING CREW 0331.00 TUBULAR INSPECTIONS 0331.00 WELDING/ROUSTABOUTS/LEASE CREWS 0331.00 NIG FUEL 0331.00 WATER & TRANSFER/TRUCKING (NOT DRIG 0331.00 DRILL BITS 0331.00 DRILLING MUD & ADDITIVES 0331.00 DIRECTIONAL DRILLING SERVICES 0331.00 OWNHOLE RENTALS 0331.00 SURFACE RENTALS 0331.00 SURFACE RENTALS 0331.00 OTHER RIG/MISC EXPENSES 0331.01 OTHER RIG/MISC EXPENSES 0331.01 OVERHEAD 0331.01 WELL CONTROL EQUIP/SERVICES 0331.01 OVERHEAD 0331.01 WUD DISPOSAL LABOR/EQUIP 0331.01 WILL CONTROL EQUIP/SERVICES 0331.01 STIMULATION FEUID FRAC TREE RENTAL FLOWBACK SERVICES STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHA	0 90,000 0 758,000 5 43,000 6 60,000 9 25,000 1 87,000 3 25,000 0 62,000 2 285,000 0 319,000 5 141,000 7 35,000 0 243,000 0 90,000 2 243,000 0 90,000	0333.0055 0333.0056 0333.0071 0333.0073 0333.0096 0333.0116 0333.0142 0333.0193 0333.0193 0333.0193 0333.0193 0333.0193 0333.0193 0333.0102 0333.0110 0333.0110	45,000 130,000 109,000 136,000 0 136,000 0 155,000 60,000 0 40,000 2,481,000	0336.0096 0336.0116 0336.0142	3,333 14,400 16,533	0334.0056 0334.0059 0334.0071 0334.0073 0334.0095 0334.0096 0334.0116 0334.0130 0334.0130	0 5,000 0 0 0 60,000	153,400 758,000 43,000 64,000 30,000 45,000 285,000 319,000 194,400 243,000 226,000 31,533 177,000 362,867
DRILLING RIG CASING CREW 0331.00 TUBULAR INSPECTIONS WELDING/ROUSTABOUTS/LEASE CREWS 0331.00 WILDING/ROUSTABOUTS/LEASE CREWS 0331.00 WATER & TRANSFER/TRUCKING (NOT DRLG 0331.00 DRILL BITS 0331.00 DRILLING MUD & ADDITIVES 0331.00 DIRECTIONAL DRILLING SERVICES 0331.00 DOWNHOLE RENTALS 0331.00 SOLIDS CONTROL EQUIP/SERVICES 0331.00 OTHER RIG/MISC EXPENSES 0331.01 OTHER RIG/MISC EXPENSES 0331.01 OVERHEAD 0351.00 OVERHEAD 0351.00 OVERHEAD 0351.01 WELL CONTROL EQUIP/SERVICES 0331.01 FINIMARY CEMENTING 0351.01 WID DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC 331.01 FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COLL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE 0331.02 SURFACE CASING 0331.02 TUBING TUBING TUBING TUBING 331.02 TUBING TUBING 331.02 TUBING TUBING 331.02	0 758,000 5 43,000 6 0,000 9 25,000 1 87,000 3 25,000 6 2,000 2 285,000 0 319,000 5 141,000 7 35,000 0 243,000 0 90,000 2 15,000 1 15,000	0333.0055 0333.0056 0333.0071 0333.0073 0333.0096 0333.0116 0333.0142 0333.0193 0333.0193 0333.0193 0333.0193 0333.0193 0333.0193 0333.0102 0333.0110 0333.0110	45,000 130,000 109,000 136,000 0 136,000 0 155,000 60,000 0 40,000 2,481,000	0336.0096 0336.0116 0336.0142	3,333 14,400 16,533	0334.0056 0334.0059 0334.0071 0334.0073 0334.0095 0334.0096 0334.0116 0334.0130 0334.0130	0 5,000 0 0 0 60,000	43,000 64,000 30,000 45,000 285,000 199,000 291,333 35,000 194,400 243,000 226,000 31,533 177,000 362,867
CASING CREW 0331.00 TUBULAR INSPECTIONS 0331.00 WELDING/ROUSTABOUTS/LEASE CREWS 0331.00 DRILL BITS 0331.00 DRILL BITS 0331.00 DRILL BITS 0331.00 DRILL BITS 0331.00 DRILLING MUD & ADDITIVES 0331.00 DIRECTIONAL DRILLING SERVICES 0331.00 DOWNHOLE RENTALS 0331.00 COMMINOLE COLIP/SERVICES 0331.00 OTHER RIG/MISC EXPENSES 0331.00 OTHER RIG/MISC EXPENSES 0331.01 DOWNHOLE COLIP/SERVICES 0331.00 OTHER RIG/MISC EXPENSES 0331.01 DOWNHOLE PROVIDED OTHER RIG/MISC EXPENSES 0331.01 DOWNHOLE COLIP/SERVICES 0331.01 DOWNHOLE RENTALS 0331.01 SILL CONTROL EQUIP/SERVICES 0331.01 DOWNHOLE COLIP/SERVICES DOWNHOLE TOLIP/SERVICES COMPLETION RIG/MORKOVER RIG COLIT LUBING SERVICES CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE 0331.02 WELLHEAD EQUIPMENT SURFACE 0331.02 UNITERMEDIATE CASING 1031.02 DOWNTER SERVING CASING 0331.02 TUBING TUBING 0331.02	5 43,000 6 60,000 9 25,000 1 87,000 3 25,000 0 62,000 2 285,000 5 141,000 6 98,000 7 35,000 6 71,000 0 243,000 9 90,000 2 15,000	0333.0056 0333.0059 0333.0071 0333.0073 0333.0095 0333.0116 0333.0130 0333.0142 0333.0165 0333.0165 0333.0193 0333.0102 0333.0102 0333.0110 0333.0136	4,000 0 20,000 45,000 130,000 109,000 0 52,000 0 155,000 60,000 0 40,000 2,481,000	0336.0116 0336.0142	14,400	0334.0059 0334.0071 0334.0073 0334.0095 0334.0190 0334.0130 0334.0130 0334.0190 0334.0033 0334.0098	5,000 0 0 60,000 0 0	30,000 87,000 45,000 285,000 319,000 291,333 35,000 194,400 243,000 226,000 31,533 177,000 362,867
TUBULAR INSPECTIONS WELDING/ROUSTABOUTS/LEASE CREWS 0331.00 RIG FUEL 0331.00 0331.00 AVATER & TRANSFER/TRUCKING (NOT DRLG 0331.00 DRILLIBITS 0331.00 DRILLING MUD & ADDITIVES 0331.00 DIRECTIONAL DRILLING SERVICES 0331.00 DURECTIONAL DRILLING SERVICES 0331.00 SURFACE RENTALS 0331.00 OTHER RIG/MISC EXPENSES 0331.00 OTHER RIG/MISC EXPENSES 0331.00 OTHER RIG/MISC EXPENSES 0331.01 OVERHEAD 0331.01 OVERHEAD 0331.01 OVERHEAD 0331.01 FRACTER ERENTAL FLOWBACK SERVICES STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES STIMULATION FLUID FRACTER RENTAL FLOWBACK SERVICES STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE 0331.02 SURFACE CASING 0331.02 TUBING TUBING 0331.02 TUBING	6 6 60,000 9 25,000 1 87,000 3 25,000 0 62,000 2 285,000 0 319,000 141,000 6 98,000 7 35,000 6 71,000 0 243,000 0 90,000 2 15,000 125,000	0333.0056 0333.0059 0333.0071 0333.0073 0333.0095 0333.0116 0333.0130 0333.0142 0333.0165 0333.0165 0333.0193 0333.0102 0333.0102 0333.0110 0333.0136	4,000 0 20,000 45,000 130,000 109,000 0 52,000 0 155,000 60,000 0 40,000 2,481,000	0336.0116 0336.0142	14,400	0334.0059 0334.0071 0334.0073 0334.0095 0334.0190 0334.0130 0334.0130 0334.0190 0334.0033 0334.0098	5,000 0 0 60,000 0 0	64,000 87,000 45,000 285,000 319,000 196,000 291,333 35,000 194,400 243,000 226,000 31,533 177,000 362,867 155,000
WELDING/ROUSTABOUTS/LEASE CREWS RIG FUEL 0331.00	9 25,000 1 87,000 3 25,000 0 62,000 2 285,000 0 319,000 5 141,000 6 71,000 0 243,000 0 90,000 2 15,000 5 125,000	0333.0059 0333.0071 0333.0073 0333.0095 0333.0196 0333.0142 0333.0190 0333.0190 0333.0190 0333.0190 0333.0193 0333.0193 0333.0193	45,000 130,000 109,000 136,000 0 52,000 188,000 0 0,000 0 40,000 2,481,000	0336.0116 0336.0142	14,400	0334.0059 0334.0071 0334.0073 0334.0095 0334.0190 0334.0130 0334.0130 0334.0190 0334.0033 0334.0098	5,000 0 0 60,000 0 0	87,000 45,000 62,000 319,000 186,000 291,333 35,000 194,400 243,000 226,000 31,533 177,000 362,867
RIG FUEL 0331.00 WATER & TRANSFER/TRUCKING (NOT DRLG 0331.00 DRILLING MUD & ADDITIVES 0331.00 DRILLING MUD & ADDITIVES 0331.00 DIRECTIONAL DRILLING SERVICES 0331.00 DOWNHOLE RENTALS 0331.00 SOLIDS CONTROL EQUIP/SERVICES 0331.00 SOLIDS CONTROL EQUIP/SERVICES 0331.01 OTHER RIG/MISC EXPENSES 0331.01 OTHER RIG/MISC EXPENSES 0331.01 OVERHEAD 0331.01 OVERHEAD 0331.01 OVERHEAD 0331.01 OVERHEAD 0331.01 FINIMARY CEMENTING 0331.01 FINIMARY CEMENTING 0331.01 FINIMARY CEMENTING 0331.01 FINIMARY CEMENTING 0331.01 OVERHEAD 0331.01 OVERHEAD 0331.01 FRACTREE RENTAL 11 FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING COMMINGENCY - DRLG STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COLIC TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR PC & EXTERNAL PAINTING FL/GL - ON PAD LABOR FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE 0331.02 SURFACE CASING 0331.02 INTERNEDIATE CASING 0331.02 INTERNEDIATE CASING 0331.02 TUBING CASING 0331.02	1 87,000 3 25,000 0 62,000 2 285,000 5 141,000 6 98,000 7 35,000 6 71,000 0 90,000 2 243,000 125,000 5 125,000	0333.0071 0333.0095 0333.0096 0333.0116 0333.0130 0333.0142 0333.0193 0333.0193 0333.0193 0333.0102 0333.0110 0333.0113 0333.0135	45,000 130,000 109,000 136,000 0 52,000 188,000 0,000 0 40,000 2,481,000	0336.0116 0336.0142	14,400	0334.0071 0334.0073 0334.0095 0334.0096 0334.0116 0334.0130 0334.0130 0334.0033 0334.0098	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	291,333 35,000 194,400 243,000 226,000 31,533 177,000 362,867 155,000
WATER & TRANSFER/TRUCKING (NOT DRLG DRILL BITS 0331.00 DRILLING MUD & ADDITIVES 0331.00 DORICTIONAL DRILLING SERVICES 0331.00 DOWNHOLE RENTALS 0331.00 SURFACE RENTALS 0331.00 THER RIG/MISC EXPENSES 0331.01 WELL CONTROL EQUIP/SERVICES 0331.01 TOWERHEAD OVERHEAD OVERHE	3 25,000 0 62,000 2 285,000 0 319,000 5 141,000 6 98,000 6 71,000 0 243,000 0 90,000 2 15,000 5 125,000	0333.0073 0333.0095 0333.0116 0333.0130 0333.0142 0333.0165 0333.0169 0333.0102 0333.0102 0333.0103 0333.0130	45,000 130,000 109,000 136,000 0 52,000 188,000 155,000 60,000 0 40,000 2,481,000	0336.0116 0336.0142	14,400	0334.0073 0334.0095 0334.0196 0334.0130 0334.0130 0334.0190 0334.0083 0334.0098	0 60,000 0 0	45,000 62,000 285,000 186,000 291,333 35,000 243,000 243,000 31,533 177,000 362,867
DRILL BITS 0331.00 DRILLING MUD & ADDITIVES 0331.00 DRILLING MUD & ADDITIVES 0331.00 DIRECTIONAL DRILLING SERVICES 0331.00 DOWNHOLE RENTALS 0331.00 SURFACE RENTALS 0331.00 OTHER RIGMISC EXPENSES 0331.01 OTHER RIGMISC EXPENSES 0331.01 OTHER RIGMISC EXPENSES 0331.01 OVERHEAD 0331.01 WELL CONTROL EQUIP/SERVICES 0331.01 OVERHEAD 0331.01 WELL CONTROL EQUIP/SERVICES 0331.01 OVERHEAD 0331.01 FRACTREE RENTAL 1 FLOWBACK SERVICES 0331.01 FRAC TREE RENTAL 1 FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION FLUID FRACTURING PERFORATING & WILL FRACTURING PERFORATION ABOR AUTOMATION LABOR AUTOMATION LABOR PLYGL - SUPERVISION SURVEY CONTINGENCY - PIPELINE TOTAL Intangible Cost WELLHEAD EQUIPMENT SURFACE 0331.02 CONDUCTOR PIPE 0331.02 SURFACE CASING 0331.02 INTERMEDIATE CASING 0331.02 FRODUCTION CSG/TIE BACK 0331.02 TUBING CASING 0331.02 TUBING	0 62,000 2 285,000 0 319,000 5 141,000 6 98,000 7 35,000 0 243,000 0 90,000 2 15,000 5 125,000	0333.095 0333.016 0333.0130 0333.0142 0333.0165 0333.0193 0333.0193 0333.0102 0333.0110 0333.0135	45,000 130,000 109,000 0 52,000 188,000 155,000 60,000 0 40,000 2,481,000	0336.0116 0336.0142	14,400	0334.0095 0334.0096 0334.0116 0334.0130 0334.0190 0334.0083 0334.0098	0 60,000 0 0	62,000 285,000 319,000 186,000 291,333 35,000 194,400 243,000 226,000 31,533 177,000 362,867 155,000
DRILLING MUD & ADDITIVES 0331.00 DIRECTIONAL DRILLING SERVICES 0331.00 DOWNHOLE RENTALS 0331.00 DOWNHOLE RENTALS 0331.00 SURFACE RENTALS 0331.00 OTHER RIG/MISC EXPENSES 0331.01 OTHER RIG/MISC EXPENSES 0331.01 WELL CONTROL EQUIP/SERVICES 0331.01 WELL CONTROL EQUIP/SERVICES 0331.01 WUD DISPOSAL LABOR/EQUIP 0331.01 CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES SIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COLL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE 0331.02 SURFACE CASING 0331.02 INTERMEDIATE CASING 1 PRODUCTION CSG/TIE BACK 0331.02 TUBING TUBING TUBING TUBING TUBING TUBING 0331.02 TUBING TUBING 0331.02 TUBING TUBING 0331.02	2 285,000 0 319,000 5 141,000 6 98,000 7 35,000 0 243,000 0 90,000 2 15,000 5 125,000	0333.0116 0333.0116 0333.0142 0333.0165 0333.0190 0333.0083 0333.0102 0333.0110 0333.0110 0333.0135	45,000 130,000 109,000 0 52,000 188,000 155,000 60,000 0 40,000 2,481,000	0336.0116 0336.0142	14,400	0334.0196 0334.0130 0334.0190 0334.0083 0334.0098	60,000 0 0 0	62,000 285,000 319,000 186,000 291,333 35,000 194,400 243,000 226,000 31,533 177,000 362,867 155,000
DIRECTIONAL DRILLING SERVICES 0331.00 DOWNHOLE RENTALS 0331.00 3031.00 3031.00 OSURFACE RENTALS 0331.00 OTHER RIG/MISC EXPENSES 0331.01 OTHER RIG/MISC EXPENSES 0331.01 OVERHEAD 0331.01 FRACTREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/MOORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR PL'GL - ON PAD LABOR FL'GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE 0331.02 SURFACE CASING 0331.02 INTERNEDIATE CASING 0331.02 INTERNEDIATE CASING 0331.02 TUBING TUBING 0331.02 TUBING 0331.02	2 2 285,000 0 319,000 5 141,000 6 98,000 7 35,000 0 243,000 0 90,000 2 15,000 5 125,000	0333.0116 0333.0116 0333.0142 0333.0165 0333.0190 0333.0083 0333.0102 0333.0110 0333.0110 0333.0135	130,000 109,000 136,000 0 52,000 188,000 155,000 60,000 0 40,000 2,481,000	0336.0116 0336.0142	14,400	0334.0196 0334.0130 0334.0190 0334.0083 0334.0098	60,000 0 0 0	285,000 319,000 186,000 291,333 35,000 194,400 243,000 226,000 31,533 177,000 362,867 155,000
DOWNHOLE RENTALS 0331.00 SURFACE RENTALS 0331.00 7031.00 7031.00 7031.00 7031.00 7031.00 7031.00 7031.00 7031.00 7031.00 7031.00 7031.00 7031.00 7031.00 7031.00 7031.00 7031.01 7031.02	319,000 5 141,000 6 98,000 7 35,000 6 71,000 0 243,000 0 90,000 2 15,000 5 125,000	0333.0116 0333.0116 0333.0142 0333.0165 0333.0190 0333.0083 0333.0102 0333.0110 0333.0110 0333.0135	130,000 109,000 136,000 0 52,000 188,000 155,000 60,000 0 40,000 2,481,000	0336.0116 0336.0142	14,400	0334.0196 0334.0130 0334.0190 0334.0083 0334.0098	60,000 0 0 0	319,000 186,000 291,333 35,000 194,400 243,000 21,533 177,000 362,867 155,000
SURFACE RENTALS SOLIDS CONTROL EQUIP/SERVICES O331.00 OTHER RIG/MISC EXPENSES PRIMARY CEMENTING O331.01 WELL CONTROL EQUIP/SERVICES O331.01 WELL CONTROL EQUIP/SERVICES O331.01 OVERHEAD O331.01 FRAC TREE RENTAL FLOWBACK SERVICES SIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE O331.02 SURFACE CASING O331.02 INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK O331.02 TUBING O331.02 TUBING O331.02 O331.02 TUBING	5 141,000 6 98,000 7 35,000 6 71,000 0 243,000 90,000 2 15,000 5 125,000	0333.0116 0333.0116 0333.0142 0333.0165 0333.0190 0333.0083 0333.0102 0333.0110 0333.0110 0333.0135	130,000 109,000 136,000 0 52,000 188,000 155,000 60,000 0 40,000 2,481,000	0336.0116 0336.0142	14,400	0334.0196 0334.0130 0334.0190 0334.0083 0334.0098	60,000 0 0 0	186,000 291,333 35,000 194,400 243,000 226,000 31,533 177,000 362,867 155,000
SURFACE RENTALS SOLIDS CONTROL EQUIP/SERVICES O331.00 OTHER RIG/MISC EXPENSES PRIMARY CEMENTING O331.01 WELL CONTROL EQUIP/SERVICES O331.01 WELL CONTROL EQUIP/SERVICES O331.01 OVERHEAD O331.01 FRAC TREE RENTAL FLOWBACK SERVICES SIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE O331.02 SURFACE CASING O331.02 INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK O331.02 TUBING O331.02 TUBING O331.02 O331.02 TUBING	98,000 7 35,000 6 71,000 0 243,000 0 90,000 2 15,000 5 125,000	0333.0116 0333.0116 0333.0142 0333.0165 0333.0190 0333.0083 0333.0102 0333.0110 0333.0110 0333.0135	130,000 109,000 136,000 0 52,000 188,000 155,000 60,000 0 40,000 2,481,000	0336.0116 0336.0142	14,400	0334.0196 0334.0130 0334.0190 0334.0083 0334.0098	60,000 0 0 0	291,333 35,000 194,400 243,000 226,000 31,533 177,000 362,867 155,000
SOLIDS CONTROL EQUIP/SERVICES O331.00 OTHER RIG/MISC EXPENSES O331.01 PRIMARY CEMENTING WELL CONTROL EQUIP/SERVICES O331.01 OVERHEAD FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COOL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE O331.02 SURFACE CASING O331.02 INTERMEDIATE CASING INTERMEDIATE CASING O331.02 TUBING TUBING O331.02 TUBING O331.02 O331.03 O331.02 O331.03 O331.03 O331.03 O331.02 O331.03 O	7 35,000 6 71,000 0 243,000 0 90,000 2 15,000 5 125,000	0333.0116 0333.0130 0333.0142 0333.0165 0333.0190 0333.0098 0333.0102 0333.0110 0333.0135 0333.0136	109,000 136,000 0 52,000 188,000 155,000 60,000 0 40,000 2,481,000	0336.0116 0336.0142	14,400	0334.0116 0334.0130 0334.0190 0334.0083 0334.0098	0 0 0 0 0	35,000 194,400 243,000 226,000 31,533 177,000 362,867 155,000
OTHER RIG/MISC EXPENSES 0331.01 PRIMARY CEMENTING 0331.01 WELL CONTROL EQUIP/SERVICES 0331.01 OVERHEAD 0331.01 MUD DISPOSAL LABOR/EQUIP 0331.01 CONTINGENCY - DRLG, COMP, PCOM, FAC 0331.01 FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/MORROVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR PC & EXTERNAL PAINTING FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINUENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE 0331.02 CONDUCTOR PIPE 0331.02 SURFACE CASING 0331.02 INTERMEDIATE CASING 0331.02 PRODUCTION CSG/TIE BACK 0331.02 TUBING CASING 0331.02	6 71,000 0 243,000 0 90,000 2 15,000 5 125,000	0333.0130 0333.0142 0333.0165 0333.0190 0333.0083 0333.0098 0333.0102 0333.0110 0333.0135 0333.0136	136,000 0 52,000 188,000 155,000 60,000 0 40,000 2,481,000	0336.0142	16,533	0334.0130 0334.0190 0334.0083 0334.0098	0 0 0 0	194,400 243,000 226,000 31,533 177,000 362,867 155,000
PRIMARY CEMENTING 0331.01 WELL CONTROL EQUIP/SERVICES 0331.01 OVERHEAD 0331.01 MUD DISPOSAL LABOR/EQUIP 0331.01 CONTINGENCY - DRLG, COMP, PCOM, FAC 0331.01 FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION FLACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES 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 WELLHEAD EQUIPMENT SURFACE 0331.02 CONDUCTOR PIPE 0331.02 SURFACE CASING 0331.02 FRODUCTION CSG/TIE BACK 0331.02 FPERMANENT DOWNHOLE EQUIPMENT 0331.02 TUBING TUBING 0331.02 TUBING TUBING 0331.02	0 243,000 0 90,000 2 15,000 5 125,000	0333.0130 0333.0142 0333.0165 0333.0190 0333.0083 0333.0098 0333.0102 0333.0110 0333.0135 0333.0136	136,000 0 52,000 188,000 155,000 60,000 0 40,000 2,481,000	0336.0142	16,533	0334.0130 0334.0190 0334.0083 0334.0098	0 0 0 0	243,000 226,000 31,533 177,000 362,867 155,000
WELL CONTROL EQUIP/SERVICES OVERHEAD O331.01 MUD DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC 3331.01 STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES SIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COLI TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE 0331.02 SURFACE CASING 0331.02 PRODUCTION CSG/TIE BACK 0331.02 PERMANENT DOWNHOLE EQUIPMENT 0331.02 TUBING 0331.02 TUBING 0331.02 TUBING 0331.02 TUBING 0331.02 TUBING 0331.02 0331.02 TUBING	90,000 2 15,000 5 125,000	0333.0142 0333.0165 0333.0190 0333.0083 0333.0098 0333.0102 0333.0110 0333.0135	0 52,000 188,000 155,000 60,000 0 40,000 2,481,000			0334.0190 0334.0083 0334.0098	0 0 0	226,000 31,533 177,000 362,867 155,000
OVERHEAD OVERHE	2 15,000 5 125,000	0333.0142 0333.0165 0333.0190 0333.0083 0333.0098 0333.0102 0333.0110 0333.0135	0 52,000 188,000 155,000 60,000 0 40,000 2,481,000			0334.0190 0334.0083 0334.0098	0 0 0	31,533 177,000 362,867 155,000
MUD DISPOSAL LABOR/EQUIP CONTINGENCY - DRIC, COMP, PCOM, FAC 333.01 STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR PC & EXTERNAL PAINTING FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE 331.02 SURFACE CASING 10331.02 PRODUCTION CSG/TIE BACK 0331.02 TUBING TUBING TUBING 331.02	5 125,000	0333.0165 0333.0190 0333.0083 0333.0098 0333.0102 0333.0110 0333.0135 0333.0136	52,000 188,000 155,000 60,000 0 40,000 2,481,000			0334.0083 0334.0098	0	177,000 362,867 155,000
CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES 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 WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING 0331.02 SURFACE CASING 0331.02 PRODUCTION CSG/TIE BACK 0331.02 TUBING TUBING 0331.02 TUBING 0331.02	,	0333.0190 0333.0083 0333.0098 0333.0102 0333.0110 0333.0135 0333.0136	188,000 155,000 60,000 0 40,000 2,481,000	0336.0190	31,867	0334.0083 0334.0098	0	
STIMULATION FLUID FRACT REE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR IFC & EXTERNAL PAINTING FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING 0331.02 SURFACE CASING 0331.02 INTERMEDIATE CASING 0331.02 PRODUCTION CSG/TIE BACK 0331.02 TUBING USAN TERMINE CASING 0331.02 TUBING	0 143,000	0333.0083 0333.0098 0333.0102 0333.0110 0333.0135 0333.0136	155,000 60,000 0 40,000 2,481,000	0336.0190	31,867	0334.0083 0334.0098	0	155,000
FRAC TREE RENTAL FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COLI TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR PC & EXTERNAL PAINTING FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE USTAILON SURFACE CASING O331.02 SURFACE CASING O331.02 INTERMEDIATE CASING O331.02 PRODUCTION CSG/TIE BACK O331.02 PERMANENT DOWNHOLE EQUIPMENT O331.02 TUBING O331.02 TUBING		0333.0098 0333.0102 0333.0110 0333.0135 0333.0136	60,000 0 40,000 2,481,000			0334.0098	0	
FLOWBACK SERVICES BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/MORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR IPC & EXTERNAL PAINTING FL/GL - ON PAD LABOR FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE WELLHEAD EQUIPMENT SURFACE 0331.02 CONDUCTOR PIPE SURFACE CASING 0331.02 INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK 0331.02 WATER STRING CASING 0331.02 TUBING		0333.0102 0333.0110 0333.0135 0333.0136	0 40,000 2,481,000					60 000
BRIDGE PLUGS/FRAC PLUGS STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES 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 WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING 0331.02 SURFACE CASING 0331.02 PRODUCTION CSG/TIE BACK 0331.02 PERMANENT DOWNHOLE EQUIPMENT 0331.02 TUBING 0331.02 TUBING		0333.0110 0333.0135 0333.0136	40,000 2,481,000			0334.0102	30,000	00,000
STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR IFC & EXTERNAL PAINTING FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING 0331.02 SURFACE CASING 0331.02 INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK 0331.02 PERMANENT DOWNHOLE EQUIPMENT 0331.02 TUBING		0333.0135 0333.0136	2,481,000					30,000
PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COLI TUBING SERVICES SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR PC & EXTERNAL PAINTING FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE 0331.02 CONDUCTOR PIPE 0331.02 SURFACE CASING 0331.02 INTERMEDIATE CASING 0331.02 PRODUCTION CSG/TIE BACK 0331.02 PERMANENT DOWNHOLE EQUIPMENT 0331.02 TUBING 0331.02		0333.0136				0334.0110	0	40,000
COMPLETION RIG/WORKOVER RIG COIL TUBING SERVICES 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 WELLHEAD EQUIPMENT SURFACE 0331.02 SURFACE CASING 0331.02 INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK 0331.02 PRODUCTION CSG/TIE BACK 0331.02 TUBING 0331.02 TUBING 0331.02			283,000			0334.0135	0	2,481,000
COIL TUBING SERVICES 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 WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING 0331.02 SURFACE CASING 0331.02 FRODUCTION CSG/TIE BACK 0331.02 PERMANENT DOWNHOLE EQUIPMENT 0331.02 TUBING 0331.02		0333.0150				0334.0136	0	283,000
SWD - PIPED TO 3RD PARTY SWD WELL MECHANICAL LABOR AUTOMATION LABOR FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE SURFACE CASING 0331.02 INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK 0331.02 PERMANENT DOWNHOLE EQUIPMENT 0331.02 TUBING			21,000			0334.0150	0	21,000
MECHANICAL LABOR AUTOMATION LABOR PC & EXTERNAL PAINTING FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE 331.02 SURFACE CASING 0331.02 INTERMEDIATE CASING 1 9331.02 PRODUCTION CSG/TIE BACK 0331.02 TUBING 0331.02 TUBING 0331.02 TUBING 0331.02		0333.0151	168,000			0334.0151	0	168,000
AUTOMATION LABOR IPC & EXTERNAL PAINTING FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost CONDUCTOR PIPE SURFACE CASING 10331.02 INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK 0331.02 FUNDER TRING CASING 0331.02 TUBING 0331.02 TUBING						0334.0172	109,193	109,193
PC & EXTERNAL PAINTING				0336.0042	88,400			88,400
FL/GL - ON PAD LABOR FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE 0331.02 SURFACE CASING 0331.02 INTERMEDIATE CASING I 0331.02 PRODUCTION CSG/TIE BACK 0331.02 PERMANENT DOWNHOLE EQUIPMENT 0331.02 TUBING 0331.02				0336.0043	31,733	0334.0043	0	31,733
FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE 0331.02 SURFACE CASING 0331.02 INTERMEDIATE CASING I 9780DUCTION CSG/TIE BACK 0331.02 WATER STRING CASING 0331.02 TUBING				0336.0106	16,400			16,400
FL/GL - SUPERVISION SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE 0331.02 SURFACE CASING 0331.02 INTERMEDIATE CASING I 9780DUCTION CSG/TIE BACK 0331.02 WATER STRING CASING 0331.02 TUBING				0336.0107	84,000			84,000
SURVEY CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE CONDUCTOR PIPE 0331.02 SURFACE CASING 0331.02 INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK 0331.02 WATER STRING CASING 0331.02 TUBING				0336.0109	11,867			11,867
CONTINGENCY - PIPELINE Total Intangible Cost WELLHEAD EQUIPMENT SURFACE 0331.02 CONDUCTOR PIPE 03310.02 SURFACE CASING 0331.02 INTERMEDIATE CASING I 9RODUCTION CSG/TIE BACK 0331.02 PERMANENT DOWNHOLE EQUIPMENT 0331.02 TUBING 0331.02 TUBING				0336.0112	1,467			1,467
Total Intangible Cost				0336.0191	2,000			2,000
WELLHEAD EQUIPMENT SURFACE 0331.02 CONDUCTOR PIPE 0331.02 SURFACE CASING 0331.02 INTERMEDIATE CASING I 0331.02 PRODUCTION CSG/TIE BACK 0331.02 VWATER STRING CASING 0331.02 TUBING 0331.02	2,975,000		3,946,000	0330.0131	321,734		212,193	7,454,927
CONDUCTOR PIPE 0331.02 SURFACE CASING 0331.02 INTERMEDIATE CASING I 0331.02 PRODUCTION CSG/TIE BACK 0331.02 PERMANENT DOWNHOLE EQUIPMENT 0331.02 WATER STRING CASING 0331.02 TUBING 0331.02		0333.0202			321,734	0334.0202		
SURFACE CASING 0331.02 INTERMEDIATE CASING I 0331.02 PRODUCTION CSG/TIE BACK 0331.02 PERMANENT DOWNHOLE EQUIPMENT 0331.02 WATER STRING CASING 0331.02 TUBING 0331.02		0333.0202	38,000			0334.0202	10,000	104,000
NTERMEDIATE CASING 0331.02	-,							6,000
PRODUCTION CSG/TIE BACK 0331.02 PERMANENT DOWNHOLE EQUIPMENT 0331.02 WATER STRING CASING 0331.02 TUBING	,							277,000
PERMANENT DOWNHOLE EQUIPMENT 0331.02 WATER STRING CASING 0331.02 TUBING	. ,							781,800
WATER STRING CASING 0331.02 TUBING	,		0					245,000
TUBING	,	0333.0215	0			0334.0215	0	59,000
	1 70,000							70,000
SURFACE EQUIPMENT		0333.0201	276,000			0334.0201	0	276,000
						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
SECONDARY CONTAINMENTS				0336.0336	128,400			
FACILITY LINE PIPE					5,333			5,333
Total Tangible Cost				U236 U230				2,197,066
Total Interest Cost	1,494,800		314,000	0336.0339	11,600 358,266		30,000	

AFE # 026722070

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

		Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amoun
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		44,000
CASING CREW	0331.0055	43,000	0333.0055	
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059		0333.0059	4,000
RIG FUEL	0331.0059	25,000	0333.0059	
		87,000		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	130,000
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190		0333.0190	188,000
	0331.0190	143,000		
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 Cos		2.075.000		3.046.000
WELLHEAD EQUIPMENT SURFACE	0331.0202	2,975,000	0333.0202	3,946,000
		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	(
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	
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 Cos	t	1,494,800		314.000
Total Estimated Cos		4,469,800		4,260,000

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

		Production Equip			Post Completion		Total
Description	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	
DRILL BITS				0334.0073		U	45,000
DRILLING MUD & ADDITIVES							62,000
DIRECTIONAL DRILLING SERVICES							285,000
				02240005			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	
COIL TUBING SERVICES				0334.0151		0	21,000 168,000
SWD - PIPED TO 3RD PARTY SWD WELL				0334.0172			
MECHANICAL LABOR	0336.0042		00.400	0334.0172		109,193	109,193
AUTOMATION LABOR			88,400	02240042			88,400
	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			
WELL AUTOMATION MATERIALS				0334.0329		15,000 5,000	15,000
N/C LEASE EQUIPMENT	0336.0303		00.000	0334.0329			5,000
GATHERING/FLOWLINES			90,000			0	90,000
	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

COTERRA	Authorization For Expenditure Dril	ling		AFE # 02672205
Company Entity CIMAREX ENERGY CO ((999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name LOOSEY GOOSEY 4-9 FED COM 303H	Prospect	Property Number 411354291	AFE 026722059
County, State Lea, NM	Location Section 33, Township 19 South, Range 34	East	Estimated Spud 5/27/2024	Estimated Completion
X New Supplement Revision	Formation 3rd Bone Spring	Well Type	Ttl Measured Depth 20,850	Ttl Vetical Depth 10,850
Purpose Drill and co	omplete well			
Description				
Intangible		Cost		
Drilling Costs		\$2,975,000		
Completion Cos	ts	\$4,866,618		
Total Intangible Cost		\$7,841,618		
Tangible		Cost		
Tangible		\$2,780,375		

Comments On Well Costs

Total Tangible Cost

Total Well Cost

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.

\$2,780,375

\$10.621.993

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.

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

		illing		o/Stim		ion Equip	Post Cor		Total
Description	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	0222.0024	40.000	0336.0005	2,056	0224 0024	2.000	22,056
PAD CLEANUP ROAD/PAD CONSTRUCTION	0331.0024 0331.0030	100,000	0333.0024	10,000	0336.0030	24002	0334.0024	3,000	13,000
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0030	100,000			0550.0050	34,883			134,883
RIG MOBILIZE/DEMOBILIZE	0331.0031	20,000 110,000							20,000 110,000
SUPERVISION	0331.0033	90,000	0333.0040	44.000	0336.0040	18,928	0334.0040	5,000	157,928
DRILLING RIG	0331.0050	758,000	0333.0010	44,000	0330.0010	10,320	033 1.00 10	3,000	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	.,000			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 AID IN CONSTRUCT/3RD PARTY CONNECT					0336.0112	5,246			5,246
CONTINGENCY - PIPELINE					0336.0144	75,716			75,716
Total Intangible Cost		2,975,000		3,946,000	0336.0191	35,803 708,425		212,193	35,803 7,841,618
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000		700,423	0334.0202	10,000	104,000
CONDUCTOR PIPE	0331.0202	6,000	0333.0202	30,000			0334.0202	10,000	6,000
SURFACE CASING	0331.0207	277,000							277,000
INTERMEDIATE CASING I	0331.0207	781,800							781,800
PRODUCTION CSG/TIE BACK	0331.0200	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	0331.0213	70,000		U				J	70,000
TUBING		70,000	0333.0201	276,000			0334.0201	0	276,000
SURFACE EQUIPMENT				2.0,000			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
				4,260,000		1,650,000		242,193	

AFE # 026722059

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

		Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amoun
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		11,000
CASING CREW	0331.0055	43,000	0333.0055	
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	4,000
RIG FUEL	0331.0071	87,000	0333.0033	
WATER & TRANSFER/TRUCKING (NOT	0331.0071		0333.0071	
DRILL BITS	0331.0073	25,000	0333.0073	20,000
DRILLING MUD & ADDITIVES	0331.0080	62,000		
		285,000		
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000	0000 0005	
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	
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		1,111	0333.0083	155,000
FRAC TREE RENTAL			0333.0098	60,000
FLOWBACK SERVICES			0333.0102	
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	
COIL TUBING SERVICES			0333.0150	21,000
			0333.0131	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 Cos	t	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	
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	
WATER STRING CASING	0331.0221	70,000		
TUBING		70,000	0333.0201	276,000
SURFACE EQUIPMENT			3333.0201	276,000
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 Cos	t	1,494,800		314,000
Total Estimated Cost		4,469,800		4,260,000
rotal Estillated Cost	1	4,403,000		4,200,000

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

	Production Equip			Post Completion		Total
Description	Codes	Amount	Codes		Amount	Cos
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			3,000	134,88
CONDUCTOR, MOUSE HOLE & CELLAR		54,005				20,000
RIG MOBILIZE/DEMOBILIZE						
	0226 0040		0224.0040			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						
DIRECTIONAL DRILLING SERVICES						285,000
			00010005			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		21,312				
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	107.400	0334.0190			177,000
	0330.0190	107,462			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	
COIL TUBING SERVICES			0334.0151			21,000
					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					
AID IN CONSTRUCT/3RD PARTY CONNECT	0336.0144	5,246				5,246
		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			
			0334.0213		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		0334.0315		0	160,409
TANKS, STEPS, STAIRS	0336.0317				0	
		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
					20.000	
Total Tangible Cost	-	941,575			30,000	2,780,375

COTERRA	Authorization For Expenditure	Drilling		AFE # PAF0000103
Company Entity CIMAREX ENERGY CO (9	Partition Policy Experient and			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	mpany Entity MAREX ENERGY CO (999901) Poloration Region Well Name RMIAN BASIN MIGHTY PHEASANT 5-8 FED CO 212H unty, State Location A, NM Sections 5 and 8 20S-34E New Formation Supplement Bone Spring Revision Prose Mighty Pheasant 5-8 Fed Com 212H scription angible Drilling Costs Completion Costs tal Intangible Cost	Prospect	Property Number 411504568	AFE PAF0000103
County, State LEA, NM			Estimated Spud 5/27/2024	Estimated Completion
Supplement		Well Type	Ttl Measured Depth 19,600	Ttl Vetical Depth 10,000
Purpose Mighty Phe	easant 5-8 Fed Com 212H			
,				
		Cost \$2,975,000		
9	s	\$4,479,927		
Total Intangible Cost		\$7,454,927		
Tangible		Cost		
Tangible		\$2,197,066		

Comments On Well Costs

Total Tangible Cost

Total Well Cost

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.

\$2,197,066

\$9,651,993

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.

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.

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

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

AFE # PAF0000103

		illing		p/Stim	Production		Post Con		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
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		20,000					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		0333.0096		0336.0096	2 222	0334.0096	-	
SOLIDS CONTROL EQUIP/SERVICES	0331.0096	98,000	0500.0090	130,000	0200.0000	3,333	0534.0090	60,000	291,333
		35,000	0222.0446	100.00-	0226.0116	1	0224.0116		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					00046:		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				
CONTINGENCY - PIPELINE					0336.0191	1,467			1,467
		2.075.000		2045000	0556.0191	2,000		242.402	2,000
Total Intangible Cost		2,975,000	0000 0000	3,946,000		321,734	00010000	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				
SECONDARY CONTAINMENTS						128,400			128,400
					0336.0336	5,333			5,333
FACILITY LINE PIPE		4 40		24	0336.0339	11,600		20	11,600
Total Tangible Cost		1,494,800 4,469,800		314,000 4,260,000		358,266 680,000		30,000	2,197,066
Total Estimated Cost								242,193	9,651,993

AFE # PAF0000103

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

		Drilling			Comp/Stim	
Description	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			1 1,000
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		4,000
RIG FUEL	0331.0071		87,000	0333.0071		0
WATER & TRANSFER/TRUCKING (NOT	0331.0071		25,000	0333.0071		
DRILL BITS	0331.0073			0333.0073		20,000
DRILLING MUD & ADDITIVES	0331.0080		62,000			
DIRECTIONAL DRILLING SERVICES	0331.0002		285,000			
			319,000	0000 0005		
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						100,000
MECHANICAL LABOR						
AUTOMATION LABOR						
IPC & EXTERNAL PAINTING						
FL/GL - ON PAD LABOR						
FL/GL - SUPERVISION						
SURVEY						
CONTINGENCY - PIPELINE						
Total Intangible Cos		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 Cos			404.000			214.000
			494,800			314,000
Total Estimated Cos	t]	4,4	169,800			4,260,000

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

AFE # PAF0000103

COIVI	_ 121 1	Production Equip			Post Completion		Total
Description	Codes	Production Equip	Amount	Codes	Post Completion	Amount	Cost
LAND/LEGAL/CURATIVE	0336.0002		0	Codes		7 ii ii odiic	10,000
DAMAGES	0336.0005		0				20,000
PAD CLEANUP				0334.0024		3,000	13,000
ROAD/PAD CONSTRUCTION	0336.0030		5,334	0331.0021		3,000	105,334
CONDUCTOR, MOUSE HOLE & CELLAR			3,334				20,000
RIG MOBILIZE/DEMOBILIZE							110,000
SUPERVISION	0336.0040		14,400	0334.0040		5,000	153,400
DRILLING RIG	0330.0010		14,400	033 1.00 10		3,000	758,000
CASING CREW							43,000
TUBULAR INSPECTIONS				0334.0056		0	64,000
WELDING/ROUSTABOUTS/LEASE CREWS				0334.0059			
RIG FUEL				0334.0071		5,000	30,000
WATER & TRANSFER/TRUCKING (NOT DRLG				0334.0073		0	87,000
DRILL BITS				0334.0073		U	45,000
DRILLING MUD & ADDITIVES							62,000
DIRECTIONAL DRILLING SERVICES							285,000
DOWNHOLE RENTALS				0334.0095		0	319,000
SURFACE RENTALS	0336.0096		2 222	0334.0095		0	186,000
SOLIDS CONTROL EQUIP/SERVICES	0500.0050		3,333	U334.UU9b		60,000	291,333
	0226 0116		14.400	02240116			35,000
OTHER RIG/MISC EXPENSES	0336.0116		14,400	0334.0116		0	194,400
PRIMARY CEMENTING				02240422			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 Cos	t		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 Cos	t		358,266			30,000	2,197,066