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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Attorney for Northern Oil and Gas, Inc.

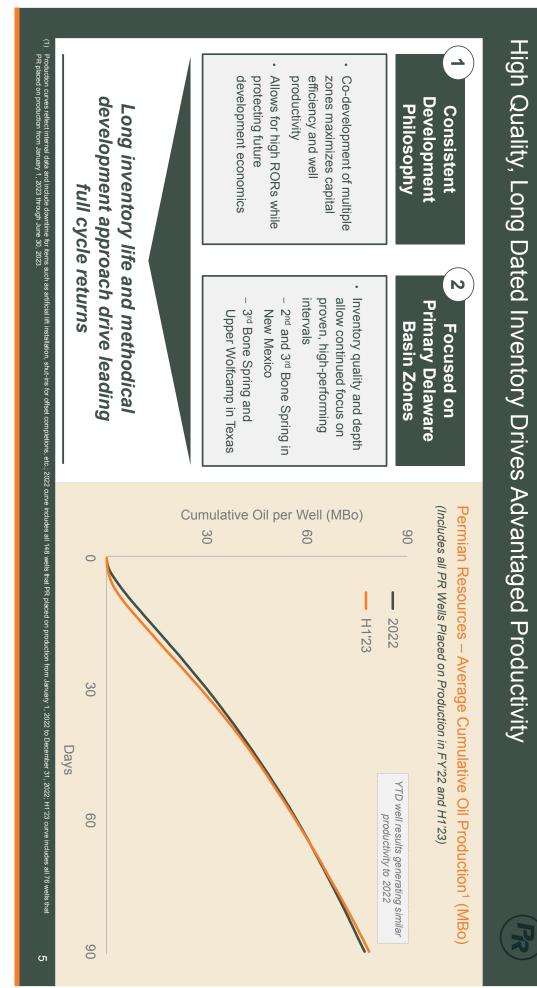
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Attorneys for Sandstone Properties, LLC

/s/ Darin C. Savage

Darin C. Savage

Rebuttal Exhibit 1



O COTERRA	Authorization For Expenditure	Drilling		AFE # PAF0000102
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	MIGHTY PHEASANT 5-8 FED COM 211H		411504566	PAF0000102
County, State	Location		Estimated Spud	Estimated Completion
LEA, NM	Sections 5 and 8 20S-34E		5/27/2024	
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
Supplement Revision	Bone Spring		19,600	10,000

Purpose Mighty Pheasant 5-8 Fed Com 211H

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible	\$2,197,066
Total Tangible Cost	\$2,197,066
Total Well Cost	\$9,651,993

Comments On Well Costs

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

Well Control Insurance

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

I elect to purchase my own well control insurance policy.

Marketing Election

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

I elect to take my gas in kind.

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

Comments on AFE

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

Nonoperator Approval						
Company	Approved By (Print Name)	Approved By (Signature)	Date			
NOTICE TO NONOPERATOR: 0	_osts shown on this form are estimates only. By execu	ting 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.						

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EXHIBIT 2

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

AFE # PAF0000102

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		lling	Com	p/Stim	Production		Post Con	npletion	Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Co
LAND/LEGAL/CURATIVE	0331.0002	10,000			0336.0002	0			10,0
DAMAGES	0331.0005	20,000			0336.0005	0			20,0
PAD CLEANUP	0331.0024	0	0333.0024	10,000			0334.0024	3,000	13,0
ROAD/PAD CONSTRUCTION	0331.0030	100,000			0336.0030	5,334			105,3
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000							20,0
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000							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							758,0
CASING CREW	0331.0055	43,000	0333.0055	0					43,0
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000			0334.0056	0	64,0
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	0			0334.0059	5,000	30,0
RIG FUEL	0331.0071	87,000	0333.0071	0			0334.0071	0	87,0
WATER & TRANSFER/TRUCKING (NOT DRLG	0331.0073	25,000	0333.0073	20,000			0334.0073	0	45,0
DRILL BITS	0331.0080	62,000		20,000				0	43,0
DRILLING MUD & ADDITIVES	0331.0082	285,000							285,00
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000							319,00
DOWNHOLE RENTALS	0331.0090		0333.0095	45.000			0334.0095	0	
		141,000		45,000	00000	2 2 2 2		0	186,00
	0331.0096	98,000	0333.0096	130,000	0336.0096	3,333	0334.0096	60,000	291,3
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000			000000000		00010110		35,00
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,000	0336.0116	14,400	0334.0116	0	194,40
PRIMARY CEMENTING	0331.0120	243,000							243,00
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000			0334.0130	0	226,00
OVERHEAD	0331.0142	15,000	0333.0142	0	0336.0142	16,533			31,53
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000					177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0190	143,000	0333.0190	188,000	0336.0190	31,867	0334.0190	0	362,80
STIMULATION FLUID			0333.0083	155,000			0334.0083	0	155,00
FRAC TREE RENTAL			0333.0098	60,000			0334.0098	0	60,00
FLOWBACK SERVICES			0333.0102	0			0334.0102	30,000	30,0
BRIDGE PLUGS/FRAC PLUGS			0333.0110	40,000			0334.0110	0	40,00
STIMULATION/FRACTURING			0333.0135	2,481,000			0334.0135	0	2,481,00
PERFORATING & WIRELINE SERVICES			0333.0136	283,000			0334.0136	0	283,00
COMPLETION RIG/WORKOVER RIG			0333.0150	21,000			0334.0150	0	21,00
COIL TUBING SERVICES			0333.0151	168,000			0334.0151	0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL				100,000			0334.0172	109,193	109,19
MECHANICAL LABOR					0336.0042	88,400		105,155	88,40
AUTOMATION LABOR					0336.0043	31,733	0334.0043	0	31,73
IPC & EXTERNAL PAINTING					0336.0106	16,400	00010	0	16,40
FL/GL - ON PAD LABOR					0336.0100				
						84,000			84,0
FL/GL - SUPERVISION SURVEY					0336.0109	11,867			11,8
					0336.0112	1,467			1,4
CONTINGENCY - PIPELINE					0336.0191	2,000			2,0
Total Intangible Cost		2,975,000		3,946,000		321,734		212,193	7,454,9
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000			0334.0202	10,000	104,0
CONDUCTOR PIPE	0331.0206	6,000							6,0
SURFACE CASING	0331.0207	277,000							277,00
INTERMEDIATE CASING I	0331.0208	781,800							781,8
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	0					245,00
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0			0334.0215	0	59,00
WATER STRING CASING	0331.0221	70,000							70,00
TUBING			0333.0201	276,000			0334.0201	0	276,00
SURFACE EQUIPMENT							0334.0203	15,000	15,0
WELL AUTOMATION MATERIALS							0334.0329	5,000	5,0
N/C LEASE EQUIPMENT					0336.0303	90,000	0334.0303	0	90,0
GATHERING/FLOWLINES					0336.0315	33,733	0334.0315	0	33,7
METERING EQUIPMENT					0336.0321	16,800		Ŭ	16,8
LEASE AUTOMATION MATERIALS					0336.0322				
PRODUCTION EQUIPMENT FREIGHT					0336.0322	30,933			30,93
						10,000			10,0
FL/GL - MATERIALS					0336.0331	19,467			19,4
SHORT ORDERS					0336.0332	9,333			9,3
WALKOVERS					0336.0334	2,667			2,6
BATTERY (HTR TRTR,SEPAR,GAS T)					0336.0335	128,400			128,40
SECONDARY CONTAINMENTS					0336.0336	5,333			5,3
FACILITY LINE PIPE					0336.0339	11,600			11,60
Total Tangible Cost		1,494,800		314,000		358,266		30,000	2,197,00
Total Estimated Cost		4,469,800		4,260,000		680,000		242,193	9,651,99

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

AFE # PAF0000102

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		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			10,000
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			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		130,000
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		0
BRIDGE PLUGS/FRAC PLUGS			0333.0110		40,000
STIMULATION/FRACTURING			0333.0135		2,481,000
PERFORATING & WIRELINE SERVICES			0333.0136		283,000
COMPLETION RIG/WORKOVER RIG			0333.0150		
					21,000
COIL TUBING SERVICES			0333.0151		168,000
SWD - PIPED TO 3RD PARTY SWD WELL					
MECHANICAL LABOR					
AUTOMATION LABOR					
IPC & EXTERNAL PAINTING					
FL/GL - ON PAD LABOR					
FL/GL - SUPERVISION					
SURVEY					
CONTINGENCY - PIPELINE					
Total Intangible Cost		2,975,000			3,946,000
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202		38,000
CONDUCTOR PIPE	0331.0206	6,000			
SURFACE CASING	0331.0207	277,000			
INTERMEDIATE CASING I	0331.0208	781,800			
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211		0
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215		0
					0
WATER STRING CASING	0331.0221	70,000	0222.0201		276.055
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

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

AFE # PAF0000102

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		Production Equip			Post Completion		Total
Description	Codes	Amo	ount	Codes		Amount	Cost
LAND/LEGAL/CURATIVE	0336.0002		0				10,000
DAMAGES	0336.0005		0				20,000
PAD CLEANUP			C	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 0	0334.0040		5,000	153,400
DRILLING RIG		1-4,	400 -			5,000	758,000
CASING CREW			-				
TUBULAR INSPECTIONS			0	0334.0056		0	43,000
WELDING/ROUSTABOUTS/LEASE CREWS				0334.0059		0	64,000
			_			5,000	30,000
RIG FUEL				0334.0071		0	87,000
WATER & TRANSFER/TRUCKING (NOT DRLG			0	0334.0073		0	45,000
DRILL BITS							62,000
DRILLING MUD & ADDITIVES							285,000
DIRECTIONAL DRILLING SERVICES							319,000
DOWNHOLE RENTALS			C	0334.0095		0	186,000
SURFACE RENTALS	0336.0096	3,	333 0	0334.0096		60,000	291,333
SOLIDS CONTROL EQUIP/SERVICES							35,000
OTHER RIG/MISC EXPENSES	0336.0116	14,	400 0	0334.0116		0	194,400
PRIMARY CEMENTING							243,000
WELL CONTROL EQUIP/SERVICES			C	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	21	867 0	0334.0190		0	362,867
STIMULATION FLUID	0550.0150	51,		0334.0083			
FRAC TREE RENTAL				0334.0098		0	155,000
			_				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			C	0334.0172		109,193	109,193
MECHANICAL LABOR	0336.0042	88,	400				88,400
AUTOMATION LABOR	0336.0043	31,	733 0	0334.0043		0	31,733
IPC & EXTERNAL PAINTING	0336.0106	16,	400				16,400
FL/GL - ON PAD LABOR	0336.0107		000				84,000
FL/GL - SUPERVISION	0336.0109		867				11,867
SURVEY	0336.0112		467				1,467
CONTINGENCY - PIPELINE	0336.0191		000				2,000
Total Intangible Cost			734			212,193	7,454,927
WELLHEAD EQUIPMENT SURFACE				0334.0202			
CONDUCTOR PIPE			0	5554.0202		10,000	104,000
							6,000
SURFACE CASING			_				277,000
INTERMEDIATE CASING I							781,800
PRODUCTION CSG/TIE BACK							245,000
PERMANENT DOWNHOLE EQUIPMENT			C	0334.0215		0	59,000
WATER STRING CASING							70,000
TUBING			C	0334.0201		0	276,000
SURFACE EQUIPMENT			C	0334.0203		15,000	15,000
WELL AUTOMATION MATERIALS			C	0334.0329		5,000	5,000
N/C LEASE EQUIPMENT	0336.0303	90.	000 0	0334.0303		0	90,000
GATHERING/FLOWLINES	0336.0315			0334.0315		0	33,733
METERING EQUIPMENT	0336.0321		800				16,800
LEASE AUTOMATION MATERIALS	0336.0322		933				30,933
PRODUCTION EQUIPMENT FREIGHT	0336.0327		000				10,000
FL/GL - MATERIALS	0336.0331						
SHORT ORDERS	0336.0331		467				19,467
			333				9,333
WALKOVERS	0336.0334		667				2,667
BATTERY (HTR TRTR, SEPAR, GAS T)	0336.0335	128,					128,400
SECONDARY CONTAINMENTS	0336.0336		333				5,333
FACILITY LINE PIPE	0336.0339		600				11,600
Total Tangible Cost		358	266			30,000	2,197,066
Total Estimated Cost		680,	000			242,193	9,651,993

COTERRAAuthorization For ExpenditureDrillingAFE # 026722066Company EntityDate PreparedCIMAREX ENERGY CO (999901)8/2/2023

Exploration Region PERMIAN BASIN	Well Name LOOSEY GOOSEY 4-9 FED COM 302H	Prospect	Property Number 411354292	AFE 026722066
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	3rd Bone Spring		20,820	10,820

Purpose Drill and complete well

Description

Intangible	Cc		
Drilling Costs	\$2,975,000		
Completion Costs	\$4,866,618		
Total Intangible Cost	\$7,841,618		
Tangible	Cost		
	40 700 075		
Tangible	\$2,780,375		

Total Well Cost	\$10,621,993

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
	aste chown on this form are astimates only. By availa	ting this AFE, the consenting party agrees to pay its proportionate	

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

Description		illing		p/Stim		ion Equip		ompletion	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	2,056			22,056
PAD CLEANUP	0331.0024	0	0333.0024	10,000			0334.0024	3,000	13,000
ROAD/PAD CONSTRUCTION	0331.0030	100,000			0336.0030	34,883			134,883
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000							20,000
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000							110,000
SUPERVISION	0331.0040	90,000	0333.0040	44,000	0336.0040	18,928	0334.0040	5,000	157,928
DRILLING RIG	0331.0050	758,000							758,000
CASING CREW	0331.0055	43,000	0333.0055	0					43,000
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000			0334.0056	0	64,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	0			0334.0059	5,000	30,000
RIG FUEL	0331.0071	87,000	0333.0071	0			0334.0071	0	87,000
WATER & TRANSFER/TRUCKING (NOT DRLG	0331.0073	25,000	0333.0073	20,000			0334.0073	0	45,000
DRILL BITS	0331.0080	62,000							62,000
DRILLING MUD & ADDITIVES	0331.0082	285,000							285,000
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000							319,000
DOWNHOLE RENTALS	0331.0095	141,000	0333.0095	45,000			0334.0095	0	186,000
SURFACE RENTALS	0331.0096	98,000	0333.0096	130,000	0336.0096	2,001	0334.0096	60,000	290,001
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000		150,000		2,001		00,000	35,000
OTHER RIG/MISC EXPENSES	0331.0116		0333.0116	100.000	0336.0116	22 714	0334.0116	0	
PRIMARY CEMENTING	0331.0110	71,000	5555.0110	109,000	5550.0110	22,714	000-0000	U	202,714
		243,000	0222.0120	120.000			0224 0120	0	243,000
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000	0226 01 42	07.044	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			0001000		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		Ū	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		2.046.000	0550.0151	708,425		212,193	7,841,618
	0331.0202		0222.0202	3,946,000		706,425	0224 0202		
WELLHEAD EQUIPMENT SURFACE		56,000	0333.0202	38,000			0334.0202	10,000	104,000
CONDUCTOR PIPE	0331.0206	6,000							6,000
SURFACE CASING	0331.0207	277,000							277,000
INTERMEDIATE CASING I	0331.0208	781,800							781,800
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	0					245,000
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0			0334.0215	0	59,000
WATER STRING CASING	0331.0221	70,000							70,000
TUBING			0333.0201	276,000			0334.0201	0	276,000
SURFACE EQUIPMENT							0334.0203	15,000	15,000
WELL AUTOMATION MATERIALS							0334.0329	5,000	5,000
N/C LEASE EQUIPMENT					0336.0303	157,110	0334.0303	0	157,110
GATHERING/FLOWLINES					0336.0315	160,409	0334.0315	0	160,409
TANKS, STEPS, STAIRS					0336.0317	74,039			74,039
METERING EQUIPMENT					0336.0321	24,445			24,445
LEASE AUTOMATION MATERIALS					0336.0322	45,970			45,970
FACILITY ELECTRICAL					0336.0324	66,034			45,970
PRODUCTION EQUIPMENT FREIGHT					0336.0324				
FL/GL - MATERIALS					0336.0327	23,256			23,256
						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
					0336.0338	324			324
TELECOMMUNICATION EQUIPMENT									
TELECOMMUNICATION EQUIPMENT FACILITY LINE PIPE					0336.0339				30,070
		1,494,800		314,000		30,070 941,575		30,000	30,070 2,780,375

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED

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		Drilling		Comp/Stim	
Description	Codes	Amou	unt Codes		Amou
LAND/LEGAL/CURATIVE	0331.0002	10,0	00		
DAMAGES	0331.0005	20,0			
PAD CLEANUP	0331.0024	20,0	0 0333.0024		10,0
ROAD/PAD CONSTRUCTION	0331.0030	100.0			10,00
		100,0			
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,0			
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,0	00		
SUPERVISION	0331.0040	90,0	00 0333.0040		44,00
DRILLING RIG	0331.0050	758,0			
CASING CREW	0331.0055	43,0			
TUBULAR INSPECTIONS	0331.0056				4.00
		60,0			4,00
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,0			
RIG FUEL	0331.0071	87,0	00 0333.0071		
WATER & TRANSFER/TRUCKING (NOT	0331.0073	25,0	00 0333.0073		20,00
DRILL BITS	0331.0080	62,0	00		
DRILLING MUD & ADDITIVES	0331.0082	285,0			
DIRECTIONAL DRILLING SERVICES	0331.0090				
		319,0			
DOWNHOLE RENTALS	0331.0095	141,0	00 0333.0095		45,00
SURFACE RENTALS	0331.0096	98,0	00 0333.0096		130,00
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,0	00		
OTHER RIG/MISC EXPENSES	0331.0116	71,0			109,00
PRIMARY CEMENTING	0331.0120				105,00
		243,0			
WELL CONTROL EQUIP/SERVICES	0331.0130	90,0			136,0
OVERHEAD	0331.0142	15,0	00 0333.0142		
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,0	00 0333.0165		52,0
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190	143,0			188,0
STIMULATION FLUID		145,0	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	2,975,0	000		3,946,00
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,0	00 0333.0202		38,00
CONDUCTOR PIPE	0331.0206	6,0			
SURFACE CASING	0331.0207				
		277,0			
INTERMEDIATE CASING I	0331.0208	781,8			
PRODUCTION CSG/TIE BACK	0331.0211	245,0	00 0333.0211		
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,0	00 0333.0215		
WATER STRING CASING	0331.0221	70,0			
TUBING		70,0	0333.0201		276 0
			0353.0201		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)					
OVERHEAD POWER DISTR (TO FACILITY) TELECOMMUNICATION EQUIPMENT					
TELECOMMUNICATION EQUIPMENT	t	1,494,8	800		314,0

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		Production Equip		Post Completion	Total
Description	Codes	Amour	t Codes	Amount	Co
LAND/LEGAL/CURATIVE	0336.0002)		10,0
DAMAGES	0336.0005	2,05			22,0
	0550.0005	2,03		2.000	
PAD CLEANUP			0334.0024	3,000	13,0
ROAD/PAD CONSTRUCTION	0336.0030	34,88	3		134,8
CONDUCTOR, MOUSE HOLE & CELLAR					20,0
RIG MOBILIZE/DEMOBILIZE					110,0
SUPERVISION	0336.0040	18,92	3 0334.0040	5,000	157,9
	0000.0010	10,52	5 055 1.00 10	5,000	
DRILLING RIG					758,0
CASING CREW					43,0
TUBULAR INSPECTIONS			0334.0056	0	64,0
WELDING/ROUSTABOUTS/LEASE CREWS			0334.0059	5,000	30,0
RIG FUEL			0334.0071	0	87,0
WATER & TRANSFER/TRUCKING (NOT DRLG			0334.0073	-	
			0334.0073	0	45,0
DRILL BITS					62,0
DRILLING MUD & ADDITIVES					285,0
DIRECTIONAL DRILLING SERVICES					319,0
DOWNHOLE RENTALS			0334.0095	0	186,0
	0336.0096	2.00			
SURFACE RENTALS	0550.0090	2,00	0334.0096	60,000	290,0
SOLIDS CONTROL EQUIP/SERVICES					35,0
OTHER RIG/MISC EXPENSES	0336.0116	22,71	4 0334.0116	0	202,7
PRIMARY CEMENTING					243,0
WELL CONTROL EQUIP/SERVICES			0334.0130	0	226,0
OVERHEAD	0336.0142	07.04		0	
	0550.0142	27,31	-		42,3
MUD DISPOSAL LABOR/EQUIP					177,0
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	107,46	0334.0190	0	438,4
STIMULATION FLUID			0334.0083	0	155,0
FRAC TREE RENTAL			0334.0098	0	60,0
FLOWBACK SERVICES			0334.0102	30,000	30,00
BRIDGE PLUGS/FRAC PLUGS			0334.0110	0	40,00
STIMULATION/FRACTURING			0334.0135	0	2,481,0
PERFORATING & WIRELINE SERVICES			0334.0136	0	283,0
COMPLETION RIG/WORKOVER RIG			0334.0150	0	
				-	21,0
COIL TUBING SERVICES			0334.0151	0	168,0
SWD - PIPED TO 3RD PARTY SWD WELL			0334.0172	109,193	109,1
MECHANICAL LABOR	0336.0042	150,72	7		150,7
AUTOMATION LABOR	0336.0043	44,67		0	44,6
PC & EXTERNAL PAINTING	0336.0106			0	
		12,27			12,2
FL/GL - ON PAD LABOR	0336.0107	101,72	9		101,7
FL/GL - LABOR	0336.0108	56,08	3		56,0
FL/GL - SUPERVISION	0336.0109	10,81	5		10,8
SURVEY	0336.0112	5,24			5,2
AID IN CONSTRUCT/3RD PARTY CONNECT	0336.0144				
		75,71			75,7
CONTINGENCY - PIPELINE	0336.0191	35,80	3		35,8
Total Intangible Cost		708,42	5	212,193	7,841,6
WELLHEAD EQUIPMENT SURFACE			0334.0202	10,000	104,0
CONDUCTOR PIPE					6,0
SURFACE CASING					277,0
NTERMEDIATE CASING I					781,8
PRODUCTION CSG/TIE BACK					245,0
PERMANENT DOWNHOLE EQUIPMENT			0334.0215	0	59,0
WATER STRING CASING				0	
			0224.0201		70,0
TUBING			0334.0201	0	276,0
SURFACE EQUIPMENT			0334.0203	15,000	15,0
WELL AUTOMATION MATERIALS			0334.0329	5,000	5,0
N/C LEASE EQUIPMENT	0336.0303	157,11	0334.0303	0	157,1
	0336.0315		-		160,4
GATHERING/FLOWLINES			0334.0315	0	
TANKS, STEPS, STAIRS	0336.0317	74,03			74,0
METERING EQUIPMENT	0336.0321	24,44	5		24,4
EASE AUTOMATION MATERIALS	0336.0322	45,97			45,9
ACILITY ELECTRICAL	0336.0324	66,03			66,0
PRODUCTION EQUIPMENT FREIGHT	0336.0327				
		23,25			23,2
FL/GL - MATERIALS	0336.0331	19,95	5		19,9
SHORT ORDERS	0336.0332	4,32	5		4,3
PUMPS	0336.0333	33,58			33,5
WALKOVERS	0336.0334				
		6,49			6,4
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335	240,28			240,2
ECONDARY CONTAINMENTS	0336.0336	9,84	3		9,8
SECONDART CONTAINWEINTS	0336.0337	45,43)		45,4
	0550.0557				
OVERHEAD POWER DISTR (TO FACILITY)					2
OVERHEAD POWER DISTR (TO FACILITY) FELECOMMUNICATION EQUIPMENT	0336.0338	32	4		
OVERHEAD POWER DISTR (TO FACILITY)	0336.0338 0336.0339		4	30,000	3 30,0 2,780,3

COTERRA Authorization For Expenditure Drilling Company Entity

AFE # 026722064 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 202H		411354296	026722064		
County, State	Location		Estimated Spud	Estimated Completior		
Lea, NM	Section 33, Township 19 South, Range 34 East	ip 19 South, Range 34 East				
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth		
Supplement Revision	2nd Bone Spring		20,300	10,300		

Drill and complete well Purpose

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible Tangible	Cost \$2,197,066

Total Well 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.

\$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.

Nonoperator Approval			
Company	Approved By (Print Name)	Approved By (Signature)	Date
	aste chown on this form are astimates only. By availa	ting this AFE, the consenting party agrees to pay its proportionate	

share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement. 8/2/2023

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

AFE # 026722064

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		illing		p/Stim	Productio		Post Con		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Co
LAND/LEGAL/CURATIVE	0331.0002	10,000			0336.0002	0			10,0
DAMAGES	0331.0005	20,000			0336.0005	0			20,0
PAD CLEANUP	0331.0024	0	0333.0024	10,000			0334.0024	3,000	13,0
ROAD/PAD CONSTRUCTION	0331.0030	100,000			0336.0030	5,334			105,3
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000							20,0
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000							110,0
SUPERVISION	0331.0040	90,000	0333.0040	44,000	0336.0040	14,400	0334.0040	5,000	153,4
DRILLING RIG	0331.0050			44,000		14,400		5,000	
CASING CREW	0331.0055	758,000	0333.0055						758,0
		43,000		0			00010055		43,0
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000			0334.0056	0	64,0
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	0			0334.0059	5,000	30,0
RIG FUEL	0331.0071	87,000	0333.0071	0			0334.0071	0	87,0
WATER & TRANSFER/TRUCKING (NOT DRLG	0331.0073	25,000	0333.0073	20,000			0334.0073	0	45,0
DRILL BITS	0331.0080	62,000							62,0
DRILLING MUD & ADDITIVES	0331.0082	285,000							285,0
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000							319,0
DOWNHOLE RENTALS	0331.0095		0333.0095	45.000			0334.0095	0	
		141,000		45,000					186,0
SURFACE RENTALS	0331.0096	98,000	0333.0096	130,000	0336.0096	3,333	0334.0096	60,000	291,3
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000							35,0
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,000	0336.0116	14,400	0334.0116	0	194,4
PRIMARY CEMENTING	0331.0120	243,000							243,0
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000			0334.0130	0	226,0
OVERHEAD	0331.0142	15,000	0333.0142	0	0336.0142	16,533			31,5
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000		,			177,0
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0190	143,000	0333.0190	188,000	0336.0190	31,867	0334.0190	0	362,8
STIMULATION FLUID	0331.0150	145,000			0550.0150	51,007			
			0333.0083	155,000			0334.0083	0	155,0
FRAC TREE RENTAL			0333.0098	60,000			0334.0098	0	60,0
FLOWBACK SERVICES			0333.0102	0			0334.0102	30,000	30,0
BRIDGE PLUGS/FRAC PLUGS			0333.0110	40,000			0334.0110	0	40,0
STIMULATION/FRACTURING			0333.0135	2,481,000			0334.0135	0	2,481,0
PERFORATING & WIRELINE SERVICES			0333.0136	283,000			0334.0136	0	283,0
COMPLETION RIG/WORKOVER RIG			0333.0150	21,000			0334.0150	0	21,0
COIL TUBING SERVICES			0333.0151	168,000			0334.0151	0	168,0
SWD - PIPED TO 3RD PARTY SWD WELL				100,000			0334.0172	109,193	100,0
MECHANICAL LABOR					0336.0042	00.400	0354.0172	109,195	
						88,400			88,4
AUTOMATION LABOR					0336.0043	31,733	0334.0043	0	31,7
IPC & EXTERNAL PAINTING					0336.0106	16,400			16,4
FL/GL - ON PAD LABOR					0336.0107	84,000			84,0
FL/GL - SUPERVISION					0336.0109	11,867			11,8
SURVEY					0336.0112	1,467			1,4
CONTINGENCY - PIPELINE					0336.0191	2,000			2,0
Total Intangible Cost		2,975,000		3,946,000		321,734		212,193	7,454,9
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000		02.0.0	0334.0202	10,000	104,0
CONDUCTOR PIPE	0331.0206		0000.0202	50,000			000 1.0202	10,000	
		6,000							6,0
SURFACE CASING	0331.0207	277,000							277,0
INTERMEDIATE CASING I	0331.0208	781,800							781,8
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	0					245,0
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0			0334.0215	0	59,0
WATER STRING CASING	0331.0221	70,000							70,0
TUBING			0333.0201	276,000			0334.0201	0	276,0
SURFACE EQUIPMENT				2,200			0334.0203	15,000	15,0
WELL AUTOMATION MATERIALS							0334.0329	5,000	5,0
N/C LEASE EQUIPMENT					0336.0303	00.000	0334.0323		
						90,000		0	90,0
GATHERING/FLOWLINES					0336.0315	33,733	0334.0315	0	33,7
METERING EQUIPMENT					0336.0321	16,800			16,8
LEASE AUTOMATION MATERIALS					0336.0322	30,933			30,9
PRODUCTION EQUIPMENT FREIGHT					0336.0327	10,000			10,0
FL/GL - MATERIALS					0336.0331	19,467			19,4
SHORT ORDERS					0336.0332	9,333			9,3
WALKOVERS					0336.0334				
					0336.0335	2,667			2,6
BATTERY (HTR TRTR, SEPAR, GAS T)						128,400			128,4
SECONDARY CONTAINMENTS					0336.0336	5,333			5,3
FACILITY LINE PIPE					0336.0339	11,600			11,6
Total Tangible Cost		1,494,800		314,000		358,266		30,000	2,197,0

COLL 2021

COM 202H

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CO	M 202H	Deilline		Comp (Chim	
Description	Codes	Drilling Amount	Codes	Comp/Stim	Amount
LAND/LEGAL/CURATIVE	0331.0002	10,000	coues		Amount
DAMAGES	0331.0005				
PAD CLEANUP	0331.0024	20,000	0333.0024		10.000
ROAD/PAD CONSTRUCTION	0331.0024	0	0555.0024		10,000
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0030	100,000			
RIG MOBILIZE/DEMOBILIZE	0331.0035	20,000			
		110,000	00000000		
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			0333.0135		283,000
COMPLETION RIG/WORKOVER RIG			0333.0150		
COIL TUBING SERVICES			0333.0150		21,000
SWD - PIPED TO 3RD PARTY SWD WELL			0333.0131		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	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	E	1,494,800			21/ 000
					314,000
Total Estimated Cost	·	4,469,800			4,260,000

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AFE # 026722064

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		Production Equip		Post Completion		Total
Description	Codes	Amo	unt Codes		nount	Co
LAND/LEGAL/CURATIVE	0336.0002		0			10,00
DAMAGES	0336.0005		0		_	20,00
PAD CLEANUP			0334.0024		3,000	13,00
ROAD/PAD CONSTRUCTION	0336.0030	5,3			.,	105,33
CONDUCTOR, MOUSE HOLE & CELLAR		-,-				20,00
RIG MOBILIZE/DEMOBILIZE						110,00
SUPERVISION	0336.0040	14,4	00 0334.0040		5,000	
DRILLING RIG	0000000	14,4	.00 000 1.00 10		3,000	153,40 758,00
CASING CREW			_			
			0224.0056			43,00
TUBULAR INSPECTIONS			0334.0056		0	64,00
WELDING/ROUSTABOUTS/LEASE CREWS			0334.0059		5,000	30,00
RIG FUEL			0334.0071		0	87,00
WATER & TRANSFER/TRUCKING (NOT DRLG			0334.0073		0	45,00
DRILL BITS						62,00
DRILLING MUD & ADDITIVES						285,00
DIRECTIONAL DRILLING SERVICES						319,00
DOWNHOLE RENTALS			0334.0095		0	186,00
SURFACE RENTALS	0336.0096	3,3	33 0334.0096	6	0,000	291,33
SOLIDS CONTROL EQUIP/SERVICES		-,-				35,00
OTHER RIG/MISC EXPENSES	0336.0116	14,4	.00 0334.0116		0	194,40
PRIMARY CEMENTING		1-1,-			Ŭ	243,00
WELL CONTROL EQUIP/SERVICES			0334.0130		0	2245,00
OVERHEAD	0336.0142	16,5			0	31,53
MUD DISPOSAL LABOR/EQUIP	0330.0142	10,.	55			
	0336.0190	21.0	0224.0100		0	177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	31,8			0	362,86
STIMULATION FLUID			0334.0083		0	155,00
FRAC TREE RENTAL			0334.0098		0	60,00
FLOWBACK SERVICES			0334.0102	31	0,000	30,00
BRIDGE PLUGS/FRAC PLUGS			0334.0110		0	40,00
STIMULATION/FRACTURING			0334.0135		0	2,481,00
PERFORATING & WIRELINE SERVICES			0334.0136		0	283,00
COMPLETION RIG/WORKOVER RIG			0334.0150		0	21,00
COIL TUBING SERVICES			0334.0151		0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL			0334.0172	10	9,193	109,19
MECHANICAL LABOR	0336.0042	88,4	00			88,40
AUTOMATION LABOR	0336.0043	31,7			0	31,73
IPC & EXTERNAL PAINTING	0336.0106	16,4				16,40
FL/GL - ON PAD LABOR	0336.0107	84,0				84,00
FL/GL - SUPERVISION	0336.0109	11,8			-	11,86
SURVEY	0336.0112					
CONTINGENCY - PIPELINE	0336.0191	1,4				1,46
		2,0			0.400	2,00
Total Intangible Cost		321,7			2,193	7,454,92
WELLHEAD EQUIPMENT SURFACE			0334.0202	10	0,000	104,00
CONDUCTOR PIPE						6,00
SURFACE CASING						277,00
INTERMEDIATE CASING I						781,80
PRODUCTION CSG/TIE BACK						245,00
PERMANENT DOWNHOLE EQUIPMENT			0334.0215		0	59,00
WATER STRING CASING						70,00
TUBING			0334.0201		0	276,00
SURFACE EQUIPMENT			0334.0203	1	5,000	15,00
WELL AUTOMATION MATERIALS			0334.0329		5,000	5,00
N/C LEASE EQUIPMENT	0336.0303	90,			0	90,00
GATHERING/FLOWLINES	0336.0315	33,			0	33,73
METERING EQUIPMENT	0336.0321				0	
LEASE AUTOMATION MATERIALS	0336.0322	16,8				16,80
	0336.0322	30,9				30,93
PRODUCTION EQUIPMENT FREIGHT		10,0				10,00
FL/GL - MATERIALS	0336.0331	19,4				19,46
SHORT ORDERS	0336.0332	9,3				9,33
WALKOVERS	0336.0334	2,6	67			2,66
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335	128,4	00			128,40
SECONDARY CONTAINMENTS	0336.0336	5,3	33			5,33
FACILITY LINE PIPE	0336.0339	11,6				11,60
Total Tangible Cost		358,		3	0,000	2,197,06
		550/		3	2.5.2.4	,,

Date Prepared

8/2/2023

COTERRA Authorization For Expenditure Drilling AFE # 026722063 Company Entity CIMAREX ENERGY CO (999901)

Exploration Region PERMIAN BASIN	Well Name LOOSEY GOOSEY 4-9 FED COM 201H	Prospect	Property Number 411354297	AFE 026722063	
County, State Location			Estimated Spud	Estimated Completior	
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	

Drill and complete well Purpose

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
Taligible	

Total Well Cost \$9,651,993

Comments On Well Costs

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

Well Control Insurance

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

I elect to purchase my own well control insurance policy.

Marketing Election

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

I elect to take my gas in kind.

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

Comments on AFE

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

Nonoperator Approval							
Company	Approved By (Print Name)	Approved By (Signature)	Date				
NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate							

share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement. 8/2/2023

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

	Dril	ling	Com	p/Stim	Production	on Equip	Post Con	pletion	Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Co
AND/LEGAL/CURATIVE	0331.0002	10,000			0336.0002	0			10,00
DAMAGES	0331.0005	20,000			0336.0005	0			20,0
AD CLEANUP	0331.0024	0	0333.0024	10,000			0334.0024	3,000	13,0
OAD/PAD CONSTRUCTION	0331.0030	100,000		.,	0336.0030	5,334			105,3
ONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000							20,0
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000							110,0
UPERVISION	0331.0040	90,000	0333.0040	44,000	0336.0040	14,400	0334.0040	5,000	153,4
DRILLING RIG	0331.0050	758,000	0000.0010	44,000	0550.0010	14,400	000 1.00 10	3,000	758,0
ASING CRFW	0331.0055		0333.0055	0					
UBULAR INSPECTIONS	0331.0055	43,000	0333.0055	0			0334.0056		43,0
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0056	60,000	0333.0056	4,000			0334.0056	0	64,0
.,		25,000		0				5,000	30,0
RIG FUEL	0331.0071	87,000	0333.0071	0			0334.0071	0	87,0
VATER & TRANSFER/TRUCKING (NOT DRLG	0331.0073	25,000	0333.0073	20,000			0334.0073	0	45,0
DRILL BITS	0331.0080	62,000							62,0
RILLING MUD & ADDITIVES	0331.0082	285,000							285,0
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000							319,0
OWNHOLE RENTALS	0331.0095	141,000	0333.0095	45,000			0334.0095	0	186,00
URFACE RENTALS	0331.0096	98,000	0333.0096	130,000	0336.0096	3,333	0334.0096	60,000	291,3
OLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000				-,			35,0
DTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,000	0336.0116	14,400	0334.0116	0	194,4
PRIMARY CEMENTING	0331.0120	243,000	00000.0110	105,000	0000.0110	14,400	00001.01110	0	243,0
VELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	126.000			0334.0130	0	
VERHEAD			0333.0142	136,000	0000 0140	46 500	0554.0150	0	226,0
	0331.0142	15,000		0	0336.0142	16,533			31,5
/UD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000					177,0
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0190	143,000	0333.0190	188,000	0336.0190	31,867	0334.0190	0	362,8
TIMULATION FLUID			0333.0083	155,000			0334.0083	0	155,0
RAC TREE RENTAL			0333.0098	60,000			0334.0098	0	60,0
LOWBACK SERVICES			0333.0102	0			0334.0102	30,000	30,0
RIDGE PLUGS/FRAC PLUGS			0333.0110	40,000			0334.0110	0	40,0
TIMULATION/FRACTURING			0333.0135	2,481,000			0334.0135	0	2,481,0
PERFORATING & WIRELINE SERVICES			0333.0136	283,000			0334.0136	0	283,00
OMPLETION RIG/WORKOVER RIG			0333.0150	21,000			0334.0150	0	21,0
OIL TUBING SERVICES			0333.0151	168,000			0334.0151	0	168,0
WD - PIPED TO 3RD PARTY SWD WELL				100,000			0334.0172	109,193	109,1
/ECHANICAL LABOR					0336.0042	88,400		105,155	88,4
AUTOMATION LABOR					0336.0043		0334.0043	0	,
PC & EXTERNAL PAINTING					0336.0106	31,733	0334.0043	0	31,7
L/GL - ON PAD LABOR					0336.0108	16,400			16,4
						84,000			84,0
L/GL - SUPERVISION					0336.0109	11,867			11,8
URVEY					0336.0112	1,467			1,4
CONTINGENCY - PIPELINE					0336.0191	2,000			2,0
Total Intangible Cost		2,975,000		3,946,000		321,734		212,193	7,454,9
VELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000			0334.0202	10,000	104,00
ONDUCTOR PIPE	0331.0206	6,000							6,0
URFACE CASING	0331.0207	277,000							277,00
NTERMEDIATE CASING I	0331.0208	781,800							781,80
RODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	0					245,00
ERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0			0334.0215	0	59,0
VATER STRING CASING	0331.0213		0333.0213	0			0334.0213	0	
UBING	0551.0221	70,000	0333.0201	076 000			0334.0201		70,0
			0555.0201	276,000				0	276,0
URFACE EQUIPMENT							0334.0203	15,000	15,0
ELL AUTOMATION MATERIALS							0334.0329	5,000	5,0
I/C LEASE EQUIPMENT					0336.0303	90,000	0334.0303	0	90,0
ATHERING/FLOWLINES					0336.0315	33,733	0334.0315	0	33,7
IETERING EQUIPMENT					0336.0321	16,800			16,8
EASE AUTOMATION MATERIALS					0336.0322	30,933			30,9
RODUCTION EQUIPMENT FREIGHT					0336.0327	10,000			10,0
L/GL - MATERIALS					0336.0331	19,467			19,4
HORT ORDERS					0336.0332	9,333			9,33
VALKOVERS					0336.0334	2,667			2,6
ATTERY (HTR TRTR, SEPAR, GAS T)					0336.0335				
ECONDARY CONTAINMENTS					0336.0335	128,400			128,4
						5,333			5,3
ACILITY LINE PIPE					0336.0339	11,600			11,6
Total Tangible Cost		1 40 4 000		214.000		750 265		20.000	

.

Total Tangible Cost

Total Estimated Cost

1,494,800

4,469,800

314,000

4,260,000

358,266

680,000

30,000

242,193

2,197,066

9,651,993

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED

COM 201H

AFE # 026722063

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722063		

CO	M 201H				
	C 1	Drilling		Comp/Stim	
Description	Codes	Amount			Amour
LAND/LEGAL/CURATIVE	0331.0002	10,000			
DAMAGES	0331.0005	20,000			
PAD CLEANUP	0331.0024	C	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			44,00
DRILLING RIG	0331.0050	758,000			44,00
CASING CREW	0331.0055	43,000			
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056		4,00
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		20,00
DRILL BITS	0331.0080	62,000			
DRILLING MUD & ADDITIVES	0331.0082	285,000			
DIRECTIONAL DRILLING SERVICES	0331.0090				
DOWNHOLE RENTALS		319,000			
	0331.0095	141,000			45,00
SURFACE RENTALS	0331.0096	98,000			130,00
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000			
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116		109,00
PRIMARY CEMENTING	0331.0120	243,000			
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000			136,00
OVERHEAD	0331.0142	15,000			100,00
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 - SUPERVISION					
SURVEY					
CONTINGENCY - PIPELINE					
Total Intangible Cos	t	2,975,000			3,946,00
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202		38,00
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		276,00
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			314,00
Total Estimated Cos		4,469,800			4,260,00

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

AFE # 026722063

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		Production Equip			Post Completion		Total
Description	Codes	A	Amount	Codes		Amount	Co
LAND/LEGAL/CURATIVE	0336.0002		0				10,00
DAMAGES	0336.0005		0				20,00
PAD CLEANUP				0334.0024		3,000	13,0
ROAD/PAD CONSTRUCTION	0336.0030		5,334			5,000	
	0550.0050		3,334				105,33
CONDUCTOR, MOUSE HOLE & CELLAR							20,00
RIG MOBILIZE/DEMOBILIZE							110,0
SUPERVISION	0336.0040		14,400	0334.0040		5,000	153,4
DRILLING RIG							758,0
CASING CREW							43,0
TUBULAR INSPECTIONS				0334.0056		0	64,0
WELDING/ROUSTABOUTS/LEASE CREWS				0334.0059		5,000	30,0
RIG FUEL				0334.0071		0	87,0
WATER & TRANSFER/TRUCKING (NOT DRLG				0334.0073		0	45,0
DRILL BITS							62,0
DRILLING MUD & ADDITIVES							285,0
DIRECTIONAL DRILLING SERVICES							319,0
DOWNHOLE RENTALS				0334.0095		0	186,0
SURFACE RENTALS	0336.0096		3,333	0334.0096		60,000	291,3
SOLIDS CONTROL EQUIP/SERVICES	5550.0050		5,555			00,000	
	00000110			0224.0115			35,0
OTHER RIG/MISC EXPENSES	0336.0116		14,400	0334.0116		0	194,4
PRIMARY CEMENTING							243,0
WELL CONTROL EQUIP/SERVICES				0334.0130		0	226,0
OVERHEAD	0336.0142		16,533				31,5
MUD DISPOSAL LABOR/EQUIP							177,0
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190		31,867	0334.0190		0	362,8
STIMULATION FLUID	0000.0100		51,007	0334.0083			
						0	155,0
FRAC TREE RENTAL				0334.0098		0	60,0
FLOWBACK SERVICES				0334.0102		30,000	30,0
BRIDGE PLUGS/FRAC PLUGS				0334.0110		0	40,0
STIMULATION/FRACTURING				0334.0135		0	2,481,0
PERFORATING & WIRELINE SERVICES				0334.0136		0	283,0
COMPLETION RIG/WORKOVER RIG				0334.0150		0	21,0
COIL TUBING SERVICES				0334.0151		0	
SWD - PIPED TO 3RD PARTY SWD WELL							168,0
				0334.0172		109,193	109,1
MECHANICAL LABOR	0336.0042		88,400				88,4
AUTOMATION LABOR	0336.0043		31,733	0334.0043		0	31,7
IPC & EXTERNAL PAINTING	0336.0106		16,400				16,4
FL/GL - ON PAD LABOR	0336.0107		84,000				84,0
FL/GL - SUPERVISION	0336.0109		11,867				11,8
SURVEY	0336.0112						
			1,467				1,4
CONTINGENCY - PIPELINE	0336.0191		2,000				2,0
Total Intangible Cost			321,734			212,193	7,454,9
WELLHEAD EQUIPMENT SURFACE				0334.0202		10,000	104,0
CONDUCTOR PIPE							6,0
SURFACE CASING							277,0
INTERMEDIATE CASING I							781,8
PRODUCTION CSG/TIE BACK							
PERMANENT DOWNHOLE EQUIPMENT				0334.0215			245,0
				0554.0215		0	59,0
WATER STRING CASING							70,0
TUBING				0334.0201		0	276,0
SURFACE EQUIPMENT				0334.0203		15,000	15,0
WELL AUTOMATION MATERIALS				0334.0329		5,000	5,0
N/C LEASE EOUIPMENT	0336.0303		90,000	0334.0303		0	90,0
GATHERING/FLOWLINES	0336.0315		33,733	0334.0315		0	33,7
				0004.0010		0	
METERING EQUIPMENT	0336.0321		16,800				16,8
EASE AUTOMATION MATERIALS	0336.0322		30,933				30,9
PRODUCTION EQUIPMENT FREIGHT	0336.0327		10,000				10,0
FL/GL - MATERIALS	0336.0331		19,467				19,4
SHORT ORDERS	0336.0332		9,333				9,3
WALKOVERS	0336.0334						
			2,667				2,6
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335	1	28,400				128,4
SECONDARY CONTAINMENTS	0336.0336		5,333				5,3
FACILITY LINE PIPE	0336.0339		11,600				11,6
Total Tangible Cost			358,266			30,000	2,197,0
			-,===				,

COTERRAAuthorization For ExpenditureDrillingAFE # 026722055Company EntityDate PreparedCIMAREX ENERGY CO (999901)8/2/2023

Exploration Region PERMIAN BASIN	Well Name LOOSEY GOOSEY 4-9 FED COM 103H	Prospect	Property Number 411354299	AFE 026722055
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	1ST BONE SPRING		19,520	9,520

Purpose Drill and complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
	¢2 107 066
Tangible	\$2,197,066

Total Well Cost \$9,651,993

Comments On Well Costs

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

Well Control Insurance

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

I elect to purchase my own well control insurance policy.

Marketing Election

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

I elect to take my gas in kind.

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

Comments on AFE

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

Nonoperator Approval								
Company	Approved By (Print Name)	Approved By (Signature)	Date					
NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate								

share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement. 8/2/2023

	Dril	lina	Com	o/Stim	Productio	on Equin	Post Con	npletion	Total	
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos	
AND/LEGAL/CURATIVE	0331.0002	10,000	coucs	Anount	0336.0002	0	codes	Amount	10,000	
DAMAGES	0331.0005	20.000			0336.0005	0			20,00	
PAD CLEANUP	0331.0024	20,000	0333.0024	10.000	0550.0005	0	0334.0024	3.000	13.00	
ROAD/PAD CONSTRUCTION	0331.0024	100,000	0333.0024	10,000	0336.0030	E 224	0334.0024	5,000		
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0030				0550.0050	5,334			105,33	
RIG MOBILIZE/DEMOBILIZE	0331.0031	20,000							20,00	
SUPERVISION	0331.0035	110,000	0333.0040		0336.0040		0334 0040		110,00	
		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	64,000	
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	87,00	
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		5,555		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	0331.0120	243,000	00000.0110	105,000	0000.0110	14,400	000 1.0110	0	243,000	
WELL CONTROL EQUIP/SERVICES	0331.0120	90,000	0333.0130	136.000			0334.0130	0	243,000	
OVERHEAD	0331.0130		0333.0130	0	0336.0142	16 533	0334.0130	0		
		15,000			0556.0142	16,533			31,53	
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000	000000000		00010100		177,000	
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0190	143,000		188,000	0336.0190	31,867	0334.0190	0	362,86	
STIMULATION FLUID			0333.0083	155,000			0334.0083	0	155,00	
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	
PC & 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			1,46	
CONTINGENCY - PIPELINE					0336.0191	2,000			2,000	
Total Intangible Co	set	2,975,000		3,946,000	0330.0191	321,734	_	212,193	7,454,927	
WELLHEAD EQUIPMENT SURFACE	0331.0202		0333.0202			321,734	0334.0202			
CONDUCTOR PIPE	0331.0202	56,000	0333.0202	38,000			0334.0202	10,000	104,000	
		6,000							6,000	
SURFACE CASING	0331.0207	277,000							277,000	
NTERMEDIATE 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	
VATER STRING CASING	0331.0221	70,000							70,00	
UBING			0333.0201	276,000			0334.0201	0	276,000	
URFACE EQUIPMENT							0334.0203	15,000	15,000	
VELL AUTOMATION MATERIALS							0334.0329	5,000	5,00	
I/C LEASE EQUIPMENT					0336.0303	90,000	0334.0303	0	90,00	
GATHERING/FLOWLINES					0336.0315	33,733	0334.0315	0	33,73	
METERING EQUIPMENT					0336.0321	16,800			16,80	
EASE AUTOMATION MATERIALS					0336.0322	30,933			30,93	
RODUCTION EQUIPMENT FREIGHT					0336.0327	10,000			10,000	
L/GL - MATERIALS					0336.0331	19,467			10,000	
HORT ORDERS					0336.0332					
WALKOVERS					0336.0334	9,333			9,33	
WALKOVERS					0336.0334	2,667			2,66	

0336.0335

0336.0336

0336.0339

314,000

4,260,000

128,400

5,333

11,600

358,266

680,000

128,400

5,333

11,600

2,197,066

9,651,993

30,000

242,193

BATTERY (HTR TRTR, SEPAR, GAS T)

Total Tangible Cost

Total Estimated Cost

1,494,800

4,469,800

SECONDARY CONTAINMENTS

FACILITY LINE PIPE

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED

COM 103H

CO	M 103H				
	Drillir	ıg		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			44,000
CASING CREW	0331.0055	43,000	0333.0055		0
TUBULAR INSPECTIONS	0331.0056		0333.0056		0
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	60,000			4,000
		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			105,000
WELL CONTROL EQUIP/SERVICES	0331.0120		0333.0130		126.000
OVERHEAD		90,000			136,000
	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			0000.0101		100,000
MECHANICAL LABOR					
AUTOMATION LABOR					
IPC & EXTERNAL PAINTING					
FL/GL - ON PAD LABOR					
FL/GL - SUPERVISION					
SURVEY					
CONTINGENCY - PIPELINE					
Total Intangible Cos	t l	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				
PRODUCTION CSG/TIE BACK	0331.0211	781,800	0333.0211		0
	0331.0215	245,000			0
PERMANENT DOWNHOLE EQUIPMENT		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 Cost		4,469,800			4,260,000

AFE # 026722055

Page	25	of	125

		Production Equip			Post Completion		Total
Description	Codes		Amount	Codes		Amount	Co
LAND/LEGAL/CURATIVE	0336.0002		0				10,00
DAMAGES	0336.0005		0				20,00
PAD CLEANUP				0334.0024		3,000	13,00
ROAD/PAD CONSTRUCTION	0336.0030		5,334			-,	105,33
CONDUCTOR, MOUSE HOLE & CELLAR			5,551				20,00
RIG MOBILIZE/DEMOBILIZE							110,00
SUPERVISION	0336.0040		14,400	0334.0040		F 000	
DRILLING RIG	0550.0040		14,400	0554.0040		5,000	153,40
							758,00
CASING CREW				000040055			43,00
TUBULAR INSPECTIONS				0334.0056		0	64,00
WELDING/ROUSTABOUTS/LEASE CREWS				0334.0059		5,000	30,00
RIG FUEL				0334.0071		0	87,00
WATER & TRANSFER/TRUCKING (NOT DRLG				0334.0073		0	45,00
DRILL BITS							62,00
DRILLING MUD & ADDITIVES							285,00
DIRECTIONAL DRILLING SERVICES							319,00
DOWNHOLE RENTALS				0334.0095		0	186,00
SURFACE RENTALS	0336.0096		3,333	0334.0096		60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES			5,555			00,000	35,00
OTHER RIG/MISC EXPENSES	0336.0116		14.400	0334.0116		0	
PRIMARY CEMENTING	3330.0110		14,400	5554.0110		0	194,40
				0224.0120			243,00
WELL CONTROL EQUIP/SERVICES	0000000000			0334.0130		0	226,00
OVERHEAD	0336.0142		16,533				31,53
MUD DISPOSAL LABOR/EQUIP							177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190		31,867	0334.0190		0	362,86
STIMULATION FLUID				0334.0083		0	155,00
FRAC TREE RENTAL				0334.0098		0	60,00
FLOWBACK SERVICES				0334.0102		30,000	30,00
BRIDGE PLUGS/FRAC PLUGS				0334.0110		0	40,00
STIMULATION/FRACTURING				0334.0135		0	2,481,00
PERFORATING & WIRELINE SERVICES				0334.0136		0	283,00
COMPLETION RIG/WORKOVER RIG				0334.0150			
						0	21,00
COIL TUBING SERVICES				0334.0151		0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL				0334.0172		109,193	109,19
MECHANICAL LABOR	0336.0042		88,400				88,40
AUTOMATION LABOR	0336.0043		31,733	0334.0043		0	31,73
IPC & EXTERNAL PAINTING	0336.0106		16,400				16,40
FL/GL - ON PAD LABOR	0336.0107		84,000				84,00
FL/GL - SUPERVISION	0336.0109		11,867				11,86
SURVEY	0336.0112		1,467				1,46
CONTINGENCY - PIPELINE	0336.0191		2,000				2,00
Total Intangible Cost			321,734			212,193	7,454,92
WELLHEAD EQUIPMENT SURFACE			521,754	0334.0202		10,000	
CONDUCTOR PIPE				0334.0202		10,000	104,00
							6,00
SURFACE CASING							277,00
INTERMEDIATE CASING I							781,80
PRODUCTION CSG/TIE BACK							245,00
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	59,00
WATER STRING CASING							70,00
TUBING				0334.0201		0	276,00
SURFACE EQUIPMENT				0334.0203		15,000	15,00
WELL AUTOMATION MATERIALS				0334.0329		5,000	5,00
N/C LEASE EQUIPMENT	0336.0303		90,000	0334.0303		0	90,00
GATHERING/FLOWLINES	0336.0315		33,733	0334.0315		0	33,73
METERING EQUIPMENT	0336.0321					0	
			16,800				16,80
LEASE AUTOMATION MATERIALS	0336.0322		30,933				30,93
PRODUCTION EQUIPMENT FREIGHT	0336.0327		10,000				10,00
FL/GL - MATERIALS	0336.0331		19,467				19,46
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				11,60
Total Tangible Cost			358,266			30,000	2,197,06
	1		1 220,200			000.00	L, 171, UD

🔿 COTERRA	Authorization For Expenditure Dri	lling		AFE # 026722069
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	MIGHTY PHEASANT 5-8 FED COM 103H		411354287	026722069
County, State	Location		Estimated Spud	Estimated Completion
Lea, NM	Section 5, Township 20 South, Range 34 E	ast, Lea County, NM	5/27/2024	
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
Supplement Revision	1ST BONE SPRING		19,515	9,515

Purpose Drill and complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible	\$2,197,066
Total Tangible Cost	\$2,197,066
Total Well Cost	\$9,651,993

Comments On Well Costs

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.						

AFE # 026722069

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	Dri	lling	Com	p/Stim	Producti	on Equip	Post Con	npletion	Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Co
LAND/LEGAL/CURATIVE	0331.0002	10,000			0336.0002	0			10,0
DAMAGES	0331.0005	20,000			0336.0005	0			20,0
PAD CLEANUP	0331.0024	0	0333.0024	10,000			0334.0024	3,000	13,0
ROAD/PAD CONSTRUCTION	0331.0030	100,000		,	0336.0030	5,334		-,	105,3
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000				5,551			20,0
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000							110,0
SUPERVISION	0331.0040		0333.0040	44.000	0336.0040	14.400	0334.0040	5 000	
		90,000	0555.0040	44,000	0556.0040	14,400	0554.0040	5,000	153,4
DRILLING RIG	0331.0050	758,000	0000 0055						758,0
CASING CREW	0331.0055	43,000	0333.0055	0					43,0
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000			0334.0056	0	64,0
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	0			0334.0059	5,000	30,0
RIG FUEL	0331.0071	87,000	0333.0071	0			0334.0071	0	87,0
WATER & TRANSFER/TRUCKING (NOT DRLG	0331.0073	25,000	0333.0073	20,000			0334.0073	0	45,0
DRILL BITS	0331.0080	62,000							62,0
DRILLING MUD & ADDITIVES	0331.0082	285,000							285,0
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000							319,0
DOWNHOLE RENTALS	0331.0095	141,000	0333.0095	45,000			0334.0095	0	
SURFACE RENTALS	0331.0095		0333.0095	130,000	0336.0096	2 2 2 2	0334.0095		186,0
SOLIDS CONTROL EQUIP/SERVICES	0331.0096	98,000	000000000	150,000	000000000	3,333	00004.0090	60,000	291,3
		35,000	00000 0444	405.55	0000 0000		0004.0111		35,0
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,000	0336.0116	14,400	0334.0116	0	194,4
PRIMARY CEMENTING	0331.0120	243,000							243,0
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000			0334.0130	0	226,0
OVERHEAD	0331.0142	15,000	0333.0142	0	0336.0142	16,533			31,5
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000					177,0
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0190	143,000	0333.0190	188,000	0336.0190	31,867	0334.0190	0	362,8
STIMULATION FLUID			0333.0083	155,000			0334.0083	0	155,0
FRAC TREE RENTAL			0333.0098	60,000			0334.0098	0	60,0
FLOWBACK SERVICES			0333.0102	0			0334.0102	30,000	30,0
BRIDGE PLUGS/FRAC PLUGS			0333.0110	40,000			0334.0110		
STIMULATION/FRACTURING								0	40,0
			0333.0135	2,481,000			0334.0135	0	2,481,0
PERFORATING & WIRELINE SERVICES			0333.0136	283,000			0334.0136	0	283,0
COMPLETION RIG/WORKOVER RIG			0333.0150	21,000			0334.0150	0	21,0
COIL TUBING SERVICES			0333.0151	168,000			0334.0151	0	168,0
SWD - PIPED TO 3RD PARTY SWD WELL							0334.0172	109,193	109,1
MECHANICAL LABOR					0336.0042	88,400			88,4
AUTOMATION LABOR					0336.0043	31,733	0334.0043	0	31,7
IPC & EXTERNAL PAINTING					0336.0106	16,400			16,4
FL/GL - ON PAD LABOR					0336.0107	84,000			84,0
FL/GL - SUPERVISION					0336.0109	11,867			11,8
SURVEY					0336.0112			_	
CONTINGENCY - PIPELINE						1,467			1,4
		0.075.000		2.046.000	0336.0191	2,000		040 400	2,0
Total Intangible Cost		2,975,000		3,946,000		321,734		212,193	7,454,9
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000			0334.0202	10,000	104,0
CONDUCTOR PIPE	0331.0206	6,000							6,0
SURFACE CASING	0331.0207	277,000							277,0
INTERMEDIATE CASING I	0331.0208	781,800							781,8
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	0					245,0
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0			0334.0215	0	59,0
WATER STRING CASING	0331.0221	70,000							70,0
TUBING		. 0,000	0333.0201	276,000			0334.0201	0	276,0
SURFACE EQUIPMENT				210,000			0334.0203	15,000	15,0
WELL AUTOMATION MATERIALS							0334.0205		
					0000 0000			5,000	5,0
N/C LEASE EQUIPMENT					0336.0303	90,000	0334.0303	0	90,0
GATHERING/FLOWLINES					0336.0315	33,733	0334.0315	0	33,7
METERING EQUIPMENT					0336.0321	16,800			16,8
LEASE AUTOMATION MATERIALS					0336.0322	30,933			30,9
PRODUCTION EQUIPMENT FREIGHT					0336.0327	10,000			10,0
FL/GL - MATERIALS					0336.0331	19,467			19,4
SHORT ORDERS					0336.0332	9,333			9,3
WALKOVERS					0336.0334	2,667			2,6
BATTERY (HTR TRTR, SEPAR, GAS T)					0336.0335				
						128,400			128,4
					0336.0336	5,333			5,3
FACILITY LINE PIPE					0336.0339	11,600			11,6
Total Tangible Cost		1,494,800		314,000		358,266		30,000	2,197,0
Total Estimated Cost		4,469,800		4,260,000		680,000		242,193	9,651,

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60	M 103H			
	Drillir	ng		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		10,00
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	0333.0059	
RIG FUEL	0331.0071	87,000	0333.0071	
WATER & TRANSFER/TRUCKING (NOT	0331.0073	25,000	0333.0073	20,00
DRILL BITS	0331.0080	62,000		
DRILLING MUD & ADDITIVES	0331.0082	285,000		
DIRECTIONAL DRILLING SERVICES	0331.0090			
		319,000	00005	
DOWNHOLE RENTALS	0331.0095	141,000	0333.0095	45,00
SURFACE RENTALS	0331.0096	98,000	0333.0096	130,00
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000		
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,00
PRIMARY CEMENTING	0331.0120	243,000		105,00
WELL CONTROL EQUIP/SERVICES	0331.0120		0333.0130	125.00
		90,000		136,00
OVERHEAD	0331.0142	15,000	0333.0142	
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,00
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190	143,000	0333.0190	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	
			0333.0131	168,00
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		3,946,00
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,00
CONDUCTOR PIPE	0331.0206			50,00
		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		
	0001.0EE1	70,000	0222 0201	276.00
TUBING			0333.0201	276,00
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		314,00
Total Estimated Cost				
Lotal Estimated (05	u i	4,469,800		4,260,00

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Description LAND/LEGAL/CURATIVE DAMAGES PAD CLEANUP ROAD/PAD CONSTRUCTION CONDUCTOR, MOUSE HOLE & CELLAR RIG MOBILIZE/DEMOBILIZE SUPERVISION DEILLING RIG CASING CREW TUBULAR INSPECTIONS	Codes 0336.0002 0336.0005 0336.0030	Production Equip	Amount 0 0	Codes	Post Completion	Amount	Co 10,00
LAND/LEGAL/CURATIVE DAMAGES PAD CLEANUP ROAD/PAD CONSTRUCTION CONDUCTOR, MOUSE HOLE & CELLAR RIG MOBILIZE/DEMOBILIZE SUPERVISION DRILLING RIG CASING CREW TUBULAR INSPECTIONS	0336.0005						10,00
PAD CLEANUP ROAD/PAD CONSTRUCTION CONDUCTOR, MOUSE HOLE & CELLAR RIG MOBILIZE/DEMOBILIZE SUPERVISION DRILLING RIG CASING CREW TUBULAR INSPECTIONS	0336.0030						
ROAD/PAD CONSTRUCTION CONDUCTOR, MOUSE HOLE & CELLAR RIG MOBILIZE/DEMOBILIZE SUPERVISION DILLING RIG CASING CREW TUBULAR INSPECTIONS							20,00
ROAD/PAD CONSTRUCTION CONDUCTOR, MOUSE HOLE & CELLAR RIG MOBILIZE/DEMOBILIZE SUPERVISION DILLING RIG CASING CREW TUBULAR INSPECTIONS				0334.0024		3,000	13,00
CONDUCTOR, MOUSE HOLE & CELLAR RIG MOBILIZE/DEMOBILIZE SUPERVISION DRILLING RIG CASING CREW TUBULAR INSPECTIONS			5,334			5,000	105,33
RIG MOBILIZE/DEMOBILIZE SUPERVISION DRILLING RIG CASING CREW TUBULAR INSPECTIONS	0336 0040		3,554				
SUPERVISION DRILLING RIG CASING CREW TUBULAR INSPECTIONS	0226 0040						20,00
DRILLING RIG CASING CREW TUBULAR INSPECTIONS							110,00
CASING CREW TUBULAR INSPECTIONS	0336.0040		14,400	0334.0040		5,000	153,40
TUBULAR INSPECTIONS							758,00
							43,00
				0334.0056		0	64,00
WELDING/ROUSTABOUTS/LEASE CREWS				0334.0059		5,000	30,00
RIG FUEL				0334.0071		0	87,00
WATER & TRANSFER/TRUCKING (NOT DRLG				0334.0073			
				0334.0075		0	45,00
DRILL BITS							62,00
DRILLING MUD & ADDITIVES							285,00
DIRECTIONAL DRILLING SERVICES							319,00
DOWNHOLE RENTALS				0334.0095		0	186,00
SURFACE RENTALS	0336.0096		3,333	0334.0096		60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES			2,235				35,00
OTHER RIG/MISC EXPENSES	0336.0116		14.400	0334.0116		0	
	0000110		14,400	0554.0110		0	194,40
PRIMARY CEMENTING				00010177			243,00
WELL CONTROL EQUIP/SERVICES				0334.0130		0	226,00
OVERHEAD	0336.0142		16,533				31,53
MUD DISPOSAL LABOR/EQUIP							177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190		31,867	0334.0190		0	362,86
STIMULATION FLUID				0334.0083		0	155,00
FRAC TREE RENTAL				0334.0098		0	60,00
				0334.0102		_	
FLOWBACK SERVICES						30,000	30,00
BRIDGE PLUGS/FRAC PLUGS				0334.0110		0	40,00
STIMULATION/FRACTURING				0334.0135		0	2,481,00
PERFORATING & WIRELINE SERVICES				0334.0136		0	283,00
COMPLETION RIG/WORKOVER RIG				0334.0150		0	21,00
COIL TUBING SERVICES				0334.0151		0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL				0334.0172		109,193	109,19
MECHANICAL LABOR	0336.0042		00.400	0001.0172		105,155	
			88,400	00010010			88,40
AUTOMATION LABOR	0336.0043		31,733	0334.0043		0	31,73
IPC & EXTERNAL PAINTING	0336.0106		16,400				16,40
FL/GL - ON PAD LABOR	0336.0107		84,000				84,00
FL/GL - SUPERVISION	0336.0109		11,867				11,86
SURVEY	0336.0112		1,467				1,46
CONTINGENCY - PIPELINE	0336.0191		2,000				2,00
	0350.0151					212.102	
Total Intangible Cost			321,734			212,193	7,454,92
WELLHEAD EQUIPMENT SURFACE				0334.0202		10,000	104,00
CONDUCTOR PIPE							6,00
SURFACE CASING							277,00
INTERMEDIATE CASING I							781,80
PRODUCTION CSG/TIE BACK							245,00
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	59,00
WATER STRING CASING						0	
				0224.0201			70,00
TUBING				0334.0201		0	276,00
SURFACE EQUIPMENT				0334.0203		15,000	15,00
WELL AUTOMATION MATERIALS				0334.0329		5,000	5,00
N/C LEASE EQUIPMENT	0336.0303		90,000	0334.0303		0	90,00
GATHERING/FLOWLINES	0336.0315		33,733	0334.0315		0	33,73
METERING EQUIPMENT	0336.0321		16,800			0	16,80
LEASE AUTOMATION MATERIALS	0336.0322						
			30,933				30,93
PRODUCTION EQUIPMENT FREIGHT	0336.0327		10,000				10,00
FL/GL - MATERIALS	0336.0331		19,467				19,46
SHORT ORDERS	0336.0332		9,333				9,33
WALKOVERS	0336.0334		2,667				2,6
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				11,60
Total Tangible Cost			358,266			30,000	2,197,06

🔿 COTERRA	Authorization For Expenditure Dril	ling		AFE # 026722078
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	MIGHTY PHEASANT 5-8 FED COM 304H		411354278	026722078
County, State	Location		Estimated Spud	Estimated Completion
Lea, NM	Section 5, Township 20 South, Range 34 Ea	ast, Lea County, NM	5/27/2024	
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
Supplement Revision	3rd Bone Spring		20,870	10,870

Purpose Drill and complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,866,618
Total Intangible Cost	\$7,841,618
Tangible	Cost
Tangible	\$2,780,375
Total Tangible Cost	\$2,780,375
Total Well Cost	\$10.621.993

Comments On Well Costs

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

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

		lling		p/Stim		ion Equip		ompletion	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							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		150,000		2,001		00,000	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	5555.0110	105,000	5555.0110	22,114	555 7.0110	0	202,714
WELL CONTROL EQUIP/SERVICES	0331.0120		0333 0120	126.000			0334.0130	0	
OVERHEAD	0331.0130	90,000	0333.0130 0333.0142	136,000	0336.0142	27,312	0004.0150	0	226,000
	0331.0142	15,000		0	0000142	27,312			42,312
MUD DISPOSAL LABOR/EQUIP		125,000	0333.0165	52,000	000000000				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 Cos	t.	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		50,000				10,000	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		0333.0215	0			0334.0215	0	
WATER STRING CASING	0331.0213	59,000	5555.0215	0			3334.0213	0	59,000
TUBING	0001.0221	70,000	0333.0201	276.000			0334.0201	0	70,000 276,000
SURFACE EQUIPMENT			0000.0201	276,000			0334.0201	15 000	
WELL AUTOMATION MATERIALS								15,000	15,000
					0226 0202	457.445	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
					0336.0335	240,288			240,288
BATTERY (HTR TRTR,SEPAR,GAS T)					0336.0336	9,843			9,843
SECONDARY CONTAINMENTS					0336.0337				45.430
SECONDARY CONTAINMENTS OVERHEAD POWER DISTR (TO FACILITY)						45,430			45,430 324
SECONDARY CONTAINMENTS OVERHEAD POWER DISTR (TO FACILITY) TELECOMMUNICATION EQUIPMENT					0336.0338	45,430 324			324
SECONDARY CONTAINMENTS OVERHEAD POWER DISTR (TO FACILITY)	t	1,494,800		314,000		45,430		30,000	

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED

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	D	rilling		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	10,0
ROAD/PAD CONSTRUCTION	0331.0030		0355.0021	10,0
		100,000		
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000		
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000		
SUPERVISION	0331.0040	90,000	0333.0040	44,0
DRILLING RIG	0331.0050	758,000		
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	1,0
RIG FUEL	0331.0071	87,000	0333.0071	
WATER & TRANSFER/TRUCKING (NOT	0331.0073	25,000	0333.0073	20,0
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	45.0
		141,000		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	130,0
	0331.0142			
MUD DISPOSAL LABOR/EQUIP		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	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		,000	0333.0201	276,0
SURFACE EQUIPMENT				270,0
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 - MIGHTY PHEASANT 5-8 FED

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		Production Equip		Post Completion	Total
Description	Codes	Amo	unt Codes	Amount	Co
Description		AITIO		Amount	
LAND/LEGAL/CURATIVE	0336.0002		0		10,0
DAMAGES	0336.0005	2,0	56		22,0
PAD CLEANUP			0334.0024	3,000	13,0
ROAD/PAD CONSTRUCTION	0336.0030	34,8	83		134,8
CONDUCTOR, MOUSE HOLE & CELLAR					20,0
RIG MOBILIZE/DEMOBILIZE					110,0
SUPERVISION	0336.0040	10	28 0334.0040	5.000	
	0550.0040	18,	28 0554.0040	5,000	157,9
DRILLING RIG					758,0
CASING CREW					43,0
TUBULAR INSPECTIONS			0334.0056	0	64,0
WELDING/ROUSTABOUTS/LEASE CREWS			0334.0059	5,000	30,0
RIG FUEL			0334.0071	5,000	87,0
WATER & TRANSFER/TRUCKING (NOT DRLG			0334.0073		
			0554.0075	0	45,0
DRILL BITS					62,0
DRILLING MUD & ADDITIVES					285,0
DIRECTIONAL DRILLING SERVICES					319,0
DOWNHOLE RENTALS			0334.0095	0	186,0
	0226.0006	24			
	0336.0096	2,0	01 0334.0096	60,000	290,0
SOLIDS CONTROL EQUIP/SERVICES					35,0
OTHER RIG/MISC EXPENSES	0336.0116	22,	14 0334.0116	0	202,7
PRIMARY CEMENTING					243,0
WELL CONTROL EQUIP/SERVICES			0334.0130	0	226,0
DVERHEAD	0336.0142			0	
	0000142	27,3	12		42,3
MUD DISPOSAL LABOR/EQUIP					177,0
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	107,4	62 0334.0190	0	438,4
STIMULATION FLUID			0334.0083	0	155,0
FRAC TREE RENTAL			0334.0098	0	60,0
FLOWBACK SERVICES			0334.0102		
				30,000	30,0
BRIDGE PLUGS/FRAC PLUGS			0334.0110	0	40,0
STIMULATION/FRACTURING			0334.0135	0	2,481,0
PERFORATING & WIRELINE SERVICES			0334.0136	0	283,0
COMPLETION RIG/WORKOVER RIG			0334.0150	0	21,0
COIL TUBING SERVICES			0334.0151	0	
					168,0
SWD - PIPED TO 3RD PARTY SWD WELL			0334.0172	109,193	109,1
MECHANICAL LABOR	0336.0042	150,	27		150,7
AUTOMATION LABOR	0336.0043	44,0	72 0334.0043	0	44,6
PC & EXTERNAL PAINTING	0336.0106	12,7			12,2
FL/GL - ON PAD LABOR	0336.0107				
		101,7			101,7
FL/GL - LABOR	0336.0108	56,	83		56,0
FL/GL - SUPERVISION	0336.0109	10,8	16		10,8
SURVEY	0336.0112	5,2	46		5,24
AID IN CONSTRUCT/3RD PARTY CONNECT	0336.0144	75,			75,7
CONTINGENCY - PIPELINE	0336.0191	35,			
				040.400	35,8
Total Intangible Cos	τ.	708,		212,193	7,841,6
WELLHEAD EQUIPMENT SURFACE			0334.0202	10,000	104,0
CONDUCTOR PIPE					6,0
SURFACE CASING					277,0
NTERMEDIATE CASING I					781,8
PRODUCTION CSG/TIE BACK					245,0
PERMANENT DOWNHOLE EQUIPMENT			0334.0215	0	59,0
WATER STRING CASING					70,0
TUBING			0334.0201	0	276,0
SURFACE EQUIPMENT			0334.0203	15,000	15,0
WELL AUTOMATION MATERIALS			0334.0329	5,000	5,0
N/C LEASE EQUIPMENT	0336.0303	157,	10 0334.0303	0	157,1
GATHERING/FLOWLINES	0336.0315	160,4	09 0334.0315	0	160,4
TANKS, STEPS, STAIRS	0336.0317	74,			74,0
METERING EQUIPMENT	0336.0321	24,			24,4
EASE AUTOMATION MATERIALS	0336.0322	45,5			45,9
ACILITY ELECTRICAL	0336.0324	66,0	34		66,0
PRODUCTION EQUIPMENT FREIGHT	0336.0327	23,2	56		23,2
L/GL - MATERIALS	0336.0331	19,9			19,9
SHORT ORDERS	0336.0332		26		4,3
PUMPS	0336.0333	33,			33,5
VALKOVERS	0336.0334	6,4	90		6,4
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335	240,2	88		240,2
ECONDARY CONTAINMENTS	0336.0336		43		9,8
OVERHEAD POWER DISTR (TO FACILITY)	0336.0337	45,4			45,4
FELECOMMUNICATION EQUIPMENT	0336.0338		24		3
ACILITY LINE PIPE	0336.0339	30,0	70		30,0
Total Tangible Cos	t	941,	75	30,000	2,780,3

COTERRA Authorization For Expenditure Drilling AFE # PAF0000107 Company Entity Date Prepared CIMAREX ENERGY CO (999901) 8/2/2023 Exploration Region Well Name Property Number AFE Prospect PERMIAN BASIN LOOSEY GOOSEY 4-9 FED COM 213H 411504576 PAF0000107

County, State LEA, NM	Location Sections 4 and 9 20S-34E		Estimated Spud 5/27/2024	Estimated Completion
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
Supplement	Bone Spring	51	19.600	10.000
Revision				,

Purpose Loosey Goosey 4-9 Fed Com 213H

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible Tangible	Cost \$2,197,066

Total Well 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.

\$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.

Nonoperator Approval						
Company	Approved By (Print Name)	Approved By (Signature)	Date			
VOTICE 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

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		illing		p/Stim	Production		Post Cor		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Co
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							20,00
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000							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		0000.0010	44,000	0550.0010	14,400	0001.0010	3,000	
CASING CREW		758,000	0000 0055						758,00
	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	0331.0073	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							285,00
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000							319,00
DOWNHOLE RENTALS			0333.0095	45.000			0334.0095	0	
	0331.0095	141,000		45,000				0	186,00
SURFACE RENTALS	0331.0096	98,000	0333.0096	130,000	0336.0096	3,333	0334.0096	60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000							35,00
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,000	0336.0116	14,400	0334.0116	0	194,40
PRIMARY CEMENTING	0331.0120	243,000							243,00
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000			0334.0130	0	226,00
OVERHEAD	0331.0142	15,000	0333.0142	0	0336.0142	16,533		-	31,53
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000		. 0,000			177,00
CONTINGENCY - DRLG, COMP. PCOM, FAC	0331.0190	143,000	0333.0190	188,000	0336.0190	31,867	0334.0190	0	
	0331.0150	145,000			0330.0150	51,007			362,86
STIMULATION FLUID			0333.0083	155,000			0334.0083	0	155,00
FRAC TREE RENTAL			0333.0098	60,000			0334.0098	0	60,00
FLOWBACK SERVICES			0333.0102	0			0334.0102	30,000	30,00
BRIDGE PLUGS/FRAC PLUGS			0333.0110	40,000			0334.0110	0	40,00
STIMULATION/FRACTURING			0333.0135	2,481,000			0334.0135	0	2,481,00
PERFORATING & WIRELINE SERVICES			0333.0136	283,000			0334.0136	0	283,00
COMPLETION RIG/WORKOVER RIG			0333.0150	21,000			0334.0150	0	21,00
COIL TUBING SERVICES			0333.0151	168,000			0334.0151	0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL				100,000			0334.0172	109,193	
					0000 0040	00.400	0554.0172	109,195	109,19
MECHANICAL LABOR					0336.0042	88,400			88,40
AUTOMATION LABOR					0336.0043	31,733	0334.0043	0	31,73
IPC & EXTERNAL PAINTING					0336.0106	16,400			16,40
FL/GL - ON PAD LABOR					0336.0107	84,000			84,00
FL/GL - SUPERVISION					0336.0109	11,867			11,86
SURVEY					0336.0112	1,467			1,46
CONTINGENCY - PIPELINE					0336.0191	2,000			2,00
Total Intangible Cost		2,975,000		3,946,000		321,734		212,193	7,454,92
WELLHEAD EQUIPMENT SURFACE	0331.0202		0333.0202			521,754	0334.0202		
CONDUCTOR PIPE		56,000	0000202	38,000			0004.0202	10,000	104,00
	0331.0206	6,000							6,00
SURFACE CASING	0331.0207	277,000							277,00
INTERMEDIATE CASING I	0331.0208	781,800							781,80
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	0					245,00
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0			0334.0215	0	59,00
WATER STRING CASING	0331.0221	70,000							70,00
TUBING		. 2,200	0333.0201	276,000			0334.0201	0	276,00
SURFACE EQUIPMENT				210,000			0334.0203	15,000	
WELL AUTOMATION MATERIALS							0334.0203		15,00
					000000000			5,000	5,00
N/C LEASE EQUIPMENT					0336.0303	90,000	0334.0303	0	90,00
GATHERING/FLOWLINES					0336.0315	33,733	0334.0315	0	33,73
METERING EQUIPMENT					0336.0321	16,800			16,80
LEASE AUTOMATION MATERIALS					0336.0322	30,933			30,93
PRODUCTION EQUIPMENT FREIGHT					0336.0327	10,000			10,00
FL/GL - MATERIALS					0336.0331	19,467			19,46
SHORT ORDERS					0336.0332				9,33
						9,333			
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			11,60
Total Tangible Cost		1,494,800		314,000		358,266		30,000	2,197,06

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		Drilling		Comp/Stim	
Description	Codes	Amount	Codes	comp/sum	Amour
LAND/LEGAL/CURATIVE	0331.0002	10,000	codes		/ thou
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		0333.0055		
		43,000			1.00
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056		4,00
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		20,00
DRILL BITS	0331.0080	62,000			
DRILLING MUD & ADDITIVES	0331.0082	285,000			
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000			
			0222.0005		15.00
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		109,00
PRIMARY CEMENTING	0331.0120	243,000			
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130		136,00
OVERHEAD	0331.0142	15,000	0333.0142		150,00
MUD DISPOSAL LABOR/EQUIP	0331.0165		0333.0165		
		125,000	0333.0100		52,00
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190	143,000			188,00
STIMULATION FLUID			0333.0083		155,000
FRAC TREE RENTAL			0333.0098		60,000
FLOWBACK SERVICES			0333.0102		
BRIDGE PLUGS/FRAC PLUGS			0333.0110		40,00
STIMULATION/FRACTURING			0333.0135		2,481,00
PERFORATING & WIRELINE SERVICES			0333.0136		283,000
COMPLETION RIG/WORKOVER RIG			0333.0150		
					21,000
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 - SUPERVISION					
SURVEY					
CONTINGENCY - PIPELINE					
Total Intangible Cost		2,975,000			3,946,00
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		0333.0211		
		245,000			
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215		
WATER STRING CASING	0331.0221	70,000			
TUBING			0333.0201		276,00
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	t	1,494,800			314,00

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED

		Production Equip		Post Completion		Total
Description	Codes	Amount	Codes		Amount	Cost
AND/LEGAL/CURATIVE	0336.0002	0				10,000
DAMAGES	0336.0005	0				20,000
AD CLEANUP			0334.0024		3,000	13,000
ROAD/PAD CONSTRUCTION	0336.0030	5,334				105,334
ONDUCTOR, MOUSE HOLE & CELLAR						20,000
RIG MOBILIZE/DEMOBILIZE						110,000
UPERVISION	0336.0040	14,400	0334.0040		5,000	153,400
DRILLING RIG						758,000
ASING CREW						43,000
UBULAR INSPECTIONS			0334.0056		0	64,000
VELDING/ROUSTABOUTS/LEASE CREWS			0334.0059		5,000	30,000
RIG FUEL			0334.0071		0	87,000
VATER & TRANSFER/TRUCKING (NOT DRLG			0334.0073		0	45,000
RILL BITS						62,000
RILLING MUD & ADDITIVES						285,000
DIRECTIONAL DRILLING SERVICES						319,000
OOWNHOLE RENTALS			0334.0095		0	186,000
URFACE RENTALS	0336.0096	3,333	0334.0096		60,000	291,333
OLIDS CONTROL EQUIP/SERVICES						35,000
OTHER RIG/MISC EXPENSES	0336.0116	14,400	0334.0116		0	194,400
RIMARY CEMENTING		.,			-	243,000
VELL CONTROL EQUIP/SERVICES			0334.0130		0	226,000
DVERHEAD	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
TIMULATION FLUID		,	0334.0083		0	155,000
RAC TREE RENTAL			0334.0098		0	60,000
LOWBACK SERVICES			0334.0102		30,000	30,000
RIDGE PLUGS/FRAC PLUGS			0334.0110		0	40,000
TIMULATION/FRACTURING			0334.0135		0	2,481,000
ERFORATING & WIRELINE SERVICES			0334.0136		0	283,000
COMPLETION RIG/WORKOVER RIG			0334.0150		0	21,000
COIL TUBING SERVICES			0334.0151		0	168,000
WD - PIPED TO 3RD PARTY SWD WELL			0334.0172		109,193	109,193
IECHANICAL LABOR	0336.0042	88,400			105,155	88,400
UTOMATION LABOR	0336.0043	31,733	0334.0043		0	31,733
PC & EXTERNAL PAINTING	0336.0106	16,400			0	16,400
L/GL - ON PAD LABOR	0336.0107	84,000				84,000
L/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		321,734			212,193	7,454,927

Total Estimated Cost	:	680,000)	242,193	9,651,993
Total Tangible Cos		358,266		30,000	2,197,066
FACILITY LINE PIPE	0336.0339	11,600)		11,600
SECONDARY CONTAINMENTS	0336.0336	5,333	3		5,333
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335	128,400)		128,400
WALKOVERS	0336.0334	2,667	7		2,667
SHORT ORDERS	0336.0332	9,333	3		9,333
FL/GL - MATERIALS	0336.0331	19,467	7		19,467
PRODUCTION EQUIPMENT FREIGHT	0336.0327	10,000)		10,000
LEASE AUTOMATION MATERIALS	0336.0322	30,933	3		30,933
METERING EQUIPMENT	0336.0321	16,800)		16,800
GATHERING/FLOWLINES	0336.0315	33,733	3 0334.0315	0	33,733
N/C LEASE EQUIPMENT	0336.0303	90,000	0334.0303	0	90,000
WELL AUTOMATION MATERIALS			0334.0329	5,000	5,000
SURFACE EQUIPMENT			0334.0203	15,000	15,000
TUBING			0334.0201	0	276,000
WATER STRING CASING					70,000
PERMANENT DOWNHOLE EQUIPMENT			0334.0215	0	59,000
PRODUCTION CSG/TIE BACK					245,000
INTERMEDIATE CASING I					781,800
SURFACE CASING					277,000
CONDUCTOR PIPE					6,000
WELLHEAD EQUIPMENT SURFACE			0334.0202	10,000	104,000
Total Intangible Cos	t	321,734		212,193	7,454,927
CONTINGENCY - PIPELINE	0336.0191	2,000)		2,000
SURVEY	0336.0112	1.467			1,467
FL/GL - SUPERVISION	0336.0109	11,867			11,867
FL/GL - ON PAD LABOR	0336.0107	84,000			84,000
		10,400			10,400

COTERRA Authorization For Expenditure Drilling AFE # PAF0000105 Company Entity Date Prepared CIMAREX ENERGY CO (999901) 8/2/2023 Exploration Region Well Name Property Number AFE Prospect PERMIAN BASIN LOOSEY GOOSEY 4-9 FED COM 211H 411504572 PAF0000105 Estimated Completion County, State Location Estimated Spud Section - 1 0 200 245 . . . F (27 (202 A

LEA, NM	Sections 4 and 9 20S-34E		5/27/2024	
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
Supplement	BONE SPRING	51	19,600	10,000
Revision				

Purpose Loosey Goosey 4-9 Fed Com 211H

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
	¢0.107.000
Tangible	\$2,197,066

Total Well Cost \$9.651.993

Comments On Well Costs

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

Well Control Insurance

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

I elect to purchase my own well control insurance policy.

Marketing Election

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

I elect to take my gas in kind.

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

Comments on AFE

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

Nonoperator Approval						
Company	Approved By (Print Name)	Approved By (Signature)	Date			
NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate						

share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement. 8/2/2023

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

AFE # PAF0000105

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		illing		p/Stim	Productio		Post Con		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Co
LAND/LEGAL/CURATIVE	0331.0002	10,000			0336.0002	0			10,0
DAMAGES	0331.0005	20,000			0336.0005	0			20,0
PAD CLEANUP	0331.0024	0	0333.0024	10,000			0334.0024	3,000	13,0
ROAD/PAD CONSTRUCTION	0331.0030	100,000			0336.0030	5,334			105,3
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000							20,0
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000							110,0
SUPERVISION	0331.0040	90,000	0333.0040	44,000	0336.0040	14,400	0334.0040	5,000	153,4
DRILLING RIG	0331.0050	758,000		44,000		14,400		5,000	758,0
CASING CREW	0331.0055		0333.0055	0				_	
		43,000		0			00040055		43,0
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000			0334.0056	0	64,0
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	0			0334.0059	5,000	30,0
RIG FUEL	0331.0071	87,000	0333.0071	0			0334.0071	0	87,0
WATER & TRANSFER/TRUCKING (NOT DRLG	0331.0073	25,000	0333.0073	20,000			0334.0073	0	45,0
DRILL BITS	0331.0080	62,000							62,0
DRILLING MUD & ADDITIVES	0331.0082	285,000							285,0
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000							319,0
DOWNHOLE RENTALS	0331.0095		0333.0095	45.000			0334.0095	0	
		141,000		45,000				0	186,0
SURFACE RENTALS	0331.0096	98,000	0333.0096	130,000	0336.0096	3,333	0334.0096	60,000	291,3
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000							35,0
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,000	0336.0116	14,400	0334.0116	0	194,4
PRIMARY CEMENTING	0331.0120	243,000							243,0
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000			0334.0130	0	226,0
OVERHEAD	0331.0142	15,000	0333.0142	0	0336.0142	16,533		-	31,5
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000		.0,555			177,0
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0105		0333.0190		0336.0190	31.867	0334.0190	0	
	0551.0190	143,000		188,000	0556.0190	31,867		0	362,8
STIMULATION FLUID			0333.0083	155,000			0334.0083	0	155,0
FRAC TREE RENTAL			0333.0098	60,000			0334.0098	0	60,0
FLOWBACK SERVICES			0333.0102	0			0334.0102	30,000	30,0
BRIDGE PLUGS/FRAC PLUGS			0333.0110	40,000			0334.0110	0	40,0
STIMULATION/FRACTURING			0333.0135	2,481,000			0334.0135	0	2,481,0
PERFORATING & WIRELINE SERVICES			0333.0136	283,000			0334.0136	0	283,0
COMPLETION RIG/WORKOVER RIG			0333.0150	21,000			0334.0150	0	21,0
COIL TUBING SERVICES			0333.0151				0334.0151	0	
			0555.0151	168,000					168,0
SWD - PIPED TO 3RD PARTY SWD WELL							0334.0172	109,193	109,1
MECHANICAL LABOR					0336.0042	88,400			88,4
AUTOMATION LABOR					0336.0043	31,733	0334.0043	0	31,7
IPC & EXTERNAL PAINTING					0336.0106	16,400			16,4
FL/GL - ON PAD LABOR					0336.0107	84,000			84,0
FL/GL - SUPERVISION					0336.0109	11,867			11,8
SURVEY					0336.0112	1,467			1,4
CONTINGENCY - PIPELINE					0336.0191				
		0.075.000		2.046.000	0330.0131	2,000	_	040 400	2,0
Total Intangible Cost		2,975,000		3,946,000		321,734		212,193	7,454,9
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000			0334.0202	10,000	104,0
CONDUCTOR PIPE	0331.0206	6,000							6,0
SURFACE CASING	0331.0207	277,000							277,0
NTERMEDIATE CASING I	0331.0208	781,800							781,8
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	0					245,0
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0			0334.0215	0	243,0
WATER STRING CASING	0331.0213		5555.0215	0			3337.0213	0	
	0331.0221	70,000	0000 0007				0004 0004		70,0
TUBING			0333.0201	276,000			0334.0201	0	276,0
SURFACE EQUIPMENT							0334.0203	15,000	15,0
WELL AUTOMATION MATERIALS							0334.0329	5,000	5,0
N/C LEASE EQUIPMENT					0336.0303	90,000	0334.0303	0	90,0
GATHERING/FLOWLINES					0336.0315	33,733	0334.0315	0	33,7
METERING EOUIPMENT					0336.0321	16,800		Ŭ	16,8
					0336.0322				
						30,933			30,9
PRODUCTION EQUIPMENT FREIGHT					0336.0327	10,000			10,0
FL/GL - MATERIALS					0336.0331	19,467			19,4
SHORT ORDERS					0336.0332	9,333			9,3
WALKOVERS					0336.0334	2,667			2,6
BATTERY (HTR TRTR, SEPAR, GAS T)					0336.0335	128,400			128,4
SECONDARY CONTAINMENTS					0336.0336	5,333			5,3
					0336.0339	11,600			11,6
FACILITY LINE PIPE									11.0
FACILITY LINE PIPE Total Tangible Cost		1,494,800		314,000		358,266		30,000	2,197,0

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		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		10,000
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		0333.0040	44,000
		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	(
RIG FUEL	0331.0071	87,000	0333.0071	C
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		100,000
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		0333.0165	
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190	125,000		52,000
	0551.0190	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 Cost		2.075.000		2 0 4 6 0 0 0
		2,975,000	0222.0202	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	C
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	C
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

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

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		Production Equip			Post Completion		Total
Description	Codes		Amount	Codes		Amount	Cos
LAND/LEGAL/CURATIVE	0336.0002		0				10,00
DAMAGES	0336.0005		0				20,00
PAD CLEANUP				0334.0024		3,000	13,00
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	
	0330.0040		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	
	000000000					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	0000.0100		51,007	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			100,100	88,400
AUTOMATION LABOR	0336.0043			0334.0043		0	
IPC & EXTERNAL PAINTING	0336.0106		31,733	0354.0045		0	31,733
			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				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			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 Cost			358,266			30,000	2,197,066

🗘 COTERRA	Authorization For Expenditure Dril	ling		AFE # 026722068
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	MIGHTY PHEASANT 5-8 FED COM 102H		411354288	026722068
County, State	Location		Estimated Spud	Estimated Completion
Lea, NM	Section 5, Township 20 South, Range 34 E	ast, Lea County, NM	5/27/2024	
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
Supplement	1ST BONE SPRING		19,515	9,515

Purpose Drill and complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible	\$2,197,066
Total Tangible Cost	\$2,197,066
Total Well Cost	\$9,651,993

Comments On Well Costs

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				
	Costs shown on this form are actimated only. By availy	ting this AEE the concenting party agrees to pay its proportionate					
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.							

BATTERY (HTR TRTR, SEPAR, GAS T)

Total Tangible Cost

Total Estimated Cost

1,494,800

4,469,800

SECONDARY CONTAINMENTS

FL/GL - MATERIALS

SHORT ORDERS

FACILITY LINE PIPE

WALKOVERS

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED

	Drill	ing	Com	p/Stim	Productio	on Equip	Post Con	npletion	Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cos
AND/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		.50,000		5,555		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	0331.0120	243,000		105,000		14,400		0	243,000
WELL CONTROL EQUIP/SERVICES	0331.0130	90.000	0333.0130	136.000			0334.0130	0	226,000
DVERHEAD	0331.0130	15,000	0333.0142	0	0336.0142	16,533	0001.0100	0	31,533
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000	0000000	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	0331.0150	145,000	0333.0083	155,000	0550.0150	51,007	0334.0083	0	155,000
FRAC TREE RENTAL	_		0333.0098	60,000			0334.0098	0	60,000
FLOWBACK SERVICES			0333.0058	60,000			0334.0098		
BRIDGE PLUGS/FRAC PLUGS			0333.0102	0			0334.0102	30,000	30,000
STIMULATION/FRACTURING			0333.0135	40,000			0334.0110	0	40,000
PERFORATING & WIRELINE SERVICES			0333.0135	2,481,000			0334.0135	0	2,481,000
COMPLETION RIG/WORKOVER RIG			0333.0150	283,000			0334.0150	0	283,000
COIL TUBING SERVICES			0333.0150	21,000			0334.0150	0	21,000
SWD - PIPED TO 3RD PARTY SWD WELL			0333.0151	168,000			0334.0151	0	168,000
							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
PC & EXTERNAL PAINTING					0336.0106	16,400			16,400
EL/GL - ON PAD LABOR					0336.0107	84,000			84,000
L/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
NTERMEDIATE 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
VATER STRING CASING	0331.0221	70,000							70,000
UBING			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
EASE AUTOMATION MATERIALS					0336.0322	30,933			30,933
PRODUCTION FOUIPMENT ERFIGHT					0336.0327	10.000			10.000

0336.0331

0336.0332

0336.0334

0336.0335

0336.0336

0336.0339

314,000

4,260,000

10,000

19,467

9.333

2,667

5,333

11,600

358,266

680,000

128,400

10,000

19,467

9,333

2.667

128,400

5,333

11,600

2,197,066

9,651,993

30,000

242,193

.

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AFE # 026722068

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	1	Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amount
AND/LEGAL/CURATIVE	0331.0002	10,000	codes	Autodate
	0331.0005			
DAMAGES		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		
			0000040	44.000
SUPERVISION	0331.0040	90,000	0333.0040	44,000
DRILLING RIG	0331.0050	758,000		
CASING CREW	0331.0055	43,000	0333.0055	0
FUBULAR 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		
			0000	
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			105,000
		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
	0001.0100	145,000	0333.0083	
STIMULATION FLUID				155,000
FRAC TREE RENTAL			0333.0098	60,000
LOWBACK 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				
L/GL - ON PAD LABOR				
L/GL - SUPERVISION				
SURVEY				
CONTINGENCY - PIPELINE				
Total Intangible Cost		2,975,000		3,946,000
VELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000
CONDUCTOR PIPE	0331.0206	6,000		
SURFACE CASING	0331.0207			
		277,000		
NTERMEDIATE 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		10,000	0333.0201	276.000
			0333.0201	276,000
SURFACE EQUIPMENT				
VELL AUTOMATION MATERIALS				
V/C LEASE EQUIPMENT				
GATHERING/FLOWLINES				
METERING EQUIPMENT				
EASE AUTOMATION MATERIALS				
PRODUCTION EQUIPMENT FREIGHT				
L/GL - MATERIALS				
SHORT ORDERS				
WALKOVERS				
BATTERY (HTR TRTR,SEPAR,GAS T)				
ECONDARY CONTAINMENTS				
ACILITY LINE PIPE				
		1 101		
Total Tangible Cost		1,494,800		314,000
Total Estimated Cost		4,469,800		4,260,000

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AFE # 026722068

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Description	Codes	Production Equip			Post Completion		
	Coues		Amount	Codes		Amount	Co
LAND/LEGAL/CURATIVE	0336.0002		0				10,00
DAMAGES	0336.0005		0				20,0
PAD CLEANUP	000000		0	0334.0024		2.000	
	00000			0554.0024		3,000	13,0
ROAD/PAD CONSTRUCTION	0336.0030		5,334				105,3
CONDUCTOR, MOUSE HOLE & CELLAR							20,0
RIG MOBILIZE/DEMOBILIZE							110,00
SUPERVISION	0336.0040		14,400	0334.0040		5,000	153,40
DRILLING RIG							758,0
CASING CREW							43,00
				0224.0056		0	
TUBULAR INSPECTIONS				0334.0056		0	64,0
WELDING/ROUSTABOUTS/LEASE CREWS				0334.0059		5,000	30,0
RIG FUEL				0334.0071		0	87,0
WATER & TRANSFER/TRUCKING (NOT DRLG				0334.0073		0	45,0
DRILL BITS							62,0
DRILLING MUD & ADDITIVES							285,0
DIRECTIONAL DRILLING SERVICES							319,00
DOWNHOLE RENTALS				0224.0005		0	
				0334.0095		0	186,0
SURFACE RENTALS	0336.0096		3,333	0334.0096		60,000	291,3
SOLIDS CONTROL EQUIP/SERVICES							35,0
OTHER RIG/MISC EXPENSES	0336.0116		14,400	0334.0116		0	194,4
PRIMARY CEMENTING							243,0
WELL CONTROL EQUIP/SERVICES				0334.0130		0	226,0
OVERHEAD	0336.0142		16 533			0	
	0550.0142		16,533				31,5
MUD DISPOSAL LABOR/EQUIP							177,0
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190		31,867	0334.0190		0	362,8
STIMULATION FLUID				0334.0083		0	155,0
FRAC TREE RENTAL				0334.0098		0	60,0
FLOWBACK SERVICES				0334.0102		30,000	30,0
BRIDGE PLUGS/FRAC PLUGS				0334.0110			
						0	40,0
STIMULATION/FRACTURING				0334.0135		0	2,481,0
PERFORATING & WIRELINE SERVICES				0334.0136		0	283,0
COMPLETION RIG/WORKOVER RIG				0334.0150		0	21,00
COIL TUBING SERVICES				0334.0151		0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL				0334.0172		109,193	109,19
MECHANICAL LABOR	0336.0042		88.400			105,155	
			88,400	0224.0042			88,4
AUTOMATION LABOR	0336.0043		31,733	0334.0043		0	31,7
PC & EXTERNAL PAINTING	0336.0106		16,400				16,4
FL/GL - ON PAD LABOR	0336.0107		84,000				84,0
FL/GL - SUPERVISION	0336.0109		11,867				11,8
SURVEY	0336.0112		1,467				1,4
CONTINGENCY - PIPELINE	0336.0191						
	0550.0191		2,000				2,0
Total Intangible Cost			321,734			212,193	7,454,9
WELLHEAD EQUIPMENT SURFACE				0334.0202		10,000	104,0
CONDUCTOR PIPE							6,0
SURFACE CASING							277,0
NTERMEDIATE CASING I							781,8
PRODUCTION CSG/TIE BACK				000100-			245,0
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	59,0
WATER STRING CASING							70,0
TUBING				0334.0201		0	276,0
SURFACE EQUIPMENT				0334.0203		15,000	15,0
WELL AUTOMATION MATERIALS				0334.0329			
	0000 0000					5,000	5,0
N/C LEASE EQUIPMENT	0336.0303		90,000	0334.0303		0	90,0
SATHERING/FLOWLINES	0336.0315		33,733	0334.0315		0	33,7
METERING EQUIPMENT	0336.0321		16,800				16,8
EASE AUTOMATION MATERIALS	0336.0322		30,933				30,9
PRODUCTION EQUIPMENT FREIGHT	0336.0327		10,000				10,0
	0336.0331						
FL/GL - MATERIALS			19,467				19,4
SHORT ORDERS	0336.0332		9,333				9,3
WALKOVERS	0336.0334		2,667				2,6
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335		128,400				128,4
SECONDARY CONTAINMENTS	0336.0336		5,333				5,3
ACILITY LINE PIPE	0336.0339						
	000000000		11,600				11,6
Total Tangible Cost			358,266			30,000	2,197,0

O 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 Number 411504570	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 Pheasant 5-8 Fed Com 213H

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible	\$2,197,066
Total Tangible Cost	\$2,197,066

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.						

COM 213H

AFE # PAF0000104

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	Dri	lling	Com	p/Stim	Production	on Equip	Post Con	npletion	Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Co
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				5,551			20,00
RIG MOBILIZE/DEMOBILIZE	0331.0035							_	
SUPERVISION		110,000	0222.0040		0336.0040	4 4 400	0224.0040	5 000	110,00
	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	0331.0073	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							285,00
DIRECTIONAL DRILLING SERVICES	0331.0090								
		319,000	00005	15 000			0000	2	319,00
DOWNHOLE RENTALS	0331.0095	141,000	0333.0095	45,000			0334.0095	0	186,00
SURFACE RENTALS	0331.0096	98,000	0333.0096	130,000	0336.0096	3,333	0334.0096	60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000							35,00
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,000	0336.0116	14,400	0334.0116	0	194,40
PRIMARY CEMENTING	0331.0120	243,000							243,00
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000			0334.0130	0	226,00
OVERHEAD	0331.0142	15,000	0333.0142	0	0336.0142	16,533		-	31,53
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000		10,000			177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0190		0333.0190		0336.0190	31,867	0334.0190	0	
	0331.0150	143,000		188,000	0330.0190	51,007			362,86
STIMULATION FLUID			0333.0083	155,000			0334.0083	0	155,00
FRAC TREE RENTAL			0333.0098	60,000			0334.0098	0	60,00
FLOWBACK SERVICES			0333.0102	0			0334.0102	30,000	30,00
BRIDGE PLUGS/FRAC PLUGS			0333.0110	40,000			0334.0110	0	40,00
STIMULATION/FRACTURING			0333.0135	2,481,000			0334.0135	0	2,481,00
PERFORATING & WIRELINE SERVICES			0333.0136	283,000			0334.0136	0	283,00
COMPLETION RIG/WORKOVER RIG			0333.0150	21,000			0334.0150	0	21,00
COIL TUBING SERVICES			0333.0151	168,000			0334.0151	0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL				100,000			0334.0172	109,193	109,19
MECHANICAL LABOR					0336.0042	00.400	0334.0172	109,195	
						88,400			88,40
AUTOMATION LABOR					0336.0043	31,733	0334.0043	0	31,73
IPC & EXTERNAL PAINTING					0336.0106	16,400			16,40
FL/GL - ON PAD LABOR					0336.0107	84,000			84,00
FL/GL - SUPERVISION					0336.0109	11,867			11,86
SURVEY					0336.0112	1,467			1,46
CONTINGENCY - PIPELINE					0336.0191	2,000			2,00
Total Intangible Cost		2,975,000		3,946,000		321,734		212,193	7,454,92
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000		521,754	0334.0202	10,000	104,00
CONDUCTOR PIPE	0331.0202		00000202	50,000			5554.0202	10,000	
		6,000							6,00
SURFACE CASING	0331.0207	277,000							277,00
INTERMEDIATE CASING I	0331.0208	781,800							781,80
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	0					245,00
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0			0334.0215	0	59,00
WATER STRING CASING	0331.0221	70,000							70,00
TUBING			0333.0201	276,000			0334.0201	0	276,00
SURFACE EQUIPMENT				2,200			0334.0203	15,000	15,00
WELL AUTOMATION MATERIALS							0334.0329	5,000	5,00
N/C LEASE EQUIPMENT					0336.0303	00.000	0334.0303		
,						90,000		0	90,00
GATHERING/FLOWLINES					0336.0315	33,733	0334.0315	0	33,73
METERING EQUIPMENT					0336.0321	16,800			16,80
LEASE AUTOMATION MATERIALS					0336.0322	30,933			30,93
PRODUCTION EQUIPMENT FREIGHT					0336.0327	10,000			10,00
FL/GL - MATERIALS					0336.0331	19,467			19,46
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			11,60
Total Tangible Cost		1,494,800		314,000		358,266		30,000	2,197,06
Total Estimated Cost		4,469,800		4,260,000		680,000		242,193	9,651,99

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED

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		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		0333.0040		14.000
		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		(
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 13,000	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	0222.0244		
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	+	1.404.000			214.000
Total Taligible Cos		1,494,800			314,000 4,260,000
Total Estimated Cos		4,469,800			

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

AFE # PAF0000104

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		Production Equip			Post Completion		Total
Description	Codes		Amount	Codes		Amount	Co
LAND/LEGAL/CURATIVE	0336.0002		0				10,0
DAMAGES	0336.0005		0				20,0
PAD CLEANUP			Ū	0334.0024		3,000	
	0000 0000		5 99 4	0334.0024		5,000	13,0
ROAD/PAD CONSTRUCTION	0336.0030		5,334				105,3
CONDUCTOR, MOUSE HOLE & CELLAR							20,0
RIG MOBILIZE/DEMOBILIZE							110,0
SUPERVISION	0336.0040		14,400	0334.0040		5,000	153,4
DRILLING RIG			. 1, 100			5,000	758,0
CASING CREW							
							43,0
TUBULAR INSPECTIONS				0334.0056		0	64,0
WELDING/ROUSTABOUTS/LEASE CREWS				0334.0059		5,000	30,0
RIG FUEL				0334.0071		0	87,0
WATER & TRANSFER/TRUCKING (NOT DRLG				0334.0073		0	45,0
DRILL BITS						0	
							62,0
DRILLING MUD & ADDITIVES							285,0
DIRECTIONAL DRILLING SERVICES							319,0
DOWNHOLE RENTALS				0334.0095		0	186,0
SURFACE RENTALS	0336.0096		3,333	0334.0096		60,000	291,3
	000000		5,355	0000		00,000	
SOLIDS CONTROL EQUIP/SERVICES							35,0
OTHER RIG/MISC EXPENSES	0336.0116		14,400	0334.0116		0	194,4
PRIMARY CEMENTING							243,0
WELL CONTROL EQUIP/SERVICES				0334.0130		0	226,0
DVERHEAD	0336.0142		16,533			0	31,5
	0000142		10,533				
MUD DISPOSAL LABOR/EQUIP							177,0
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190		31,867	0334.0190		0	362,8
STIMULATION FLUID				0334.0083		0	155,0
FRAC TREE RENTAL				0334.0098		0	60,0
FLOWBACK SERVICES				0334.0102		30,000	30,0
BRIDGE PLUGS/FRAC PLUGS				0334.0110		0	40,0
STIMULATION/FRACTURING				0334.0135		0	2,481,0
PERFORATING & WIRELINE SERVICES				0334.0136		0	283,0
COMPLETION RIG/WORKOVER RIG				0334.0150		0	21,0
COIL TUBING SERVICES				0334.0151		0	168,0
SWD - PIPED TO 3RD PARTY SWD WELL				0334.0172		109,193	109,1
MECHANICAL LABOR	0336.0042		88,400				88,4
AUTOMATION LABOR	0336.0043		31,733	0334.0043		0	31,7
IPC & EXTERNAL PAINTING	0336.0106		16,400			-	16,4
FL/GL - ON PAD LABOR	0336.0107						
			84,000				84,0
FL/GL - SUPERVISION	0336.0109		11,867				11,8
SURVEY	0336.0112		1,467				1,4
CONTINGENCY - PIPELINE	0336.0191		2,000				2,0
Total Intangible Cost			321,734			212,193	7,454,9
			521,754	00010000			
WELLHEAD EQUIPMENT SURFACE				0334.0202		10,000	104,0
CONDUCTOR PIPE							6,0
SURFACE CASING							277,0
INTERMEDIATE CASING I							781,8
PRODUCTION CSG/TIE BACK							
				0224.0215			245,0
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	59,0
WATER STRING CASING							70,0
TUBING				0334.0201		0	276,0
SURFACE EQUIPMENT				0334.0203		15,000	15,0
WELL AUTOMATION MATERIALS				0334.0329			
						5,000	5,0
N/C LEASE EQUIPMENT	0336.0303		90,000	0334.0303		0	90,0
GATHERING/FLOWLINES	0336.0315		33,733	0334.0315		0	33,7
METERING EQUIPMENT	0336.0321		16,800				16,8
FASE AUTOMATION MATERIALS	0336.0322		30,933				30,9
PRODUCTION EQUIPMENT FREIGHT	0336.0327		10,000				10,0
L/GL - MATERIALS	0336.0331		19,467				19,4
SHORT ORDERS	0336.0332		9,333				9,3
WALKOVERS	0336.0334		2,667				2,0
3ATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335		128,400				128,4
SECONDARY CONTAINMENTS	0336.0336		5,333				5,3
ACILITY LINE PIPE	0336.0339		11,600				11,6
			358,266			30,000	2,197,0
Total Tangible Cost							

🔿 COTERRA	Authorization For Expenditure Dr	illing		AFE # 026722073
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	MIGHTY PHEASANT 5-8 FED COM 203H		411354283	026722073
County, State	Location		Estimated Spud	Estimated Completion
Lea, NM	Section 5, Township 20 South, Range 34 I	East, Lea County, NM	5/27/2024	
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
Supplement Revision	2nd Bone Spring		20,320	10,320

Purpose Drill and complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible	\$2,197,066
Total Tangible Cost	\$2,197,066
Total Well Cost	\$9,651,993

Comments On Well Costs

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

Well Control Insurance

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

I elect to purchase my own well control insurance policy.

Marketing Election

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

I elect to take my gas in kind.

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

Comments on AFE

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

	Nonoperator Approval						
	Company	Approved By (Print Name)	Approved By (Signature)	Date			
		Casta abauma an this forms are estimated ash. Dr. aver	tice this AFF the concertice parts economic to provide properties at				
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.						

COM 203H

AFE # 026722073
Completion Total
Amount Cost
10,000
20,000
3,000 13,000
105,334

		lling		p/Stim		on Equip	Post Cor		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	4,000			0334.0059	5,000	30,000
RIG FUEL	0331.0071		0333.0071	0			0334.0071	0	
WATER & TRANSFER/TRUCKING (NOT DRLG	0331.0071	87,000	0333.0071				0334.0071		87,000
DRILL BITS	0331.0073	25,000	0333.0075	20,000			0334.0073	0	45,000
DIVICE DITO		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		10/000			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	0331.0130	143,000	0333.0083		0550.0150	51,007	0334.0083		
FRAC TREE RENTAL			0333.0098	155,000			0334.0098	0	155,000
				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							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			
Total Intangible Cost		2.075.000		2.046.000	0330.0191			212 102	2,000
		2,975,000	00000	3,946,000		321,734	0004.0000	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		0	16,800
LEASE AUTOMATION MATERIALS					0336.0321				
						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	t	1,494,800		314,000		358,266		30,000	2,197,066
Total Estimated Cost		4,469,800		4,260,000	<u> </u>	680,000		242,193	9,651,993

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		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	0000000		
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	0333.0059		
RIG FUEL	0331.0071	87,000	0333.0071		
WATER & TRANSFER/TRUCKING (NOT	0331.0073	25,000	0333.0073		20,00
DRILL BITS	0331.0080	62,000			20,00
DRILLING MUD & ADDITIVES	0331.0082				
		285,000			
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000	00000		
DOWNHOLE RENTALS	0331.0095	141,000	0333.0095		45,00
SURFACE RENTALS	0331.0096	98,000	0333.0096		130,00
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000			
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116		109,00
PRIMARY CEMENTING	0331.0120	243,000			
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130		136,00
OVERHEAD	0331.0142	15,000	0333.0142		150,00
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165		52,00
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190	143,000	0333.0190		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 - SUPERVISION					
SURVEY					
CONTINGENCY - PIPELINE					
Total Intangible Cos		2,975,000			3,946,00
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202		38,00
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		
			5555.5215		
WATER STRING CASING	0331.0221	70,000	00000		
TUBING			0333.0201		276,00
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			314,00

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED

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		Production Equip		Post Completion		Total
Description	Codes	Amount	Codes	Post Completion	Amount	Co
Description LAND/LEGAL/CURATIVE	0336.0002	0			Amount	10,00
DAMAGES	0336.0005	0				20,00
PAD CLEANUP	0330.0003	0	0334.0024		2 000	
ROAD/PAD CONSTRUCTION	0336.0030	E 224	0554.0024		3,000	13,00
	0556.0050	5,334				105,33
CONDUCTOR, MOUSE HOLE & CELLAR						20,00
RIG MOBILIZE/DEMOBILIZE	000000000					110,00
SUPERVISION	0336.0040	14,400	0334.0040		5,000	153,40
DRILLING RIG						758,00
CASING CREW						43,00
TUBULAR INSPECTIONS			0334.0056		0	64,00
WELDING/ROUSTABOUTS/LEASE CREWS			0334.0059		5,000	30,00
RIG FUEL			0334.0071		0	87,00
WATER & TRANSFER/TRUCKING (NOT DRLG			0334.0073		0	45,00
DRILL BITS						62,00
DRILLING MUD & ADDITIVES						285,00
DIRECTIONAL DRILLING SERVICES						319,00
DOWNHOLE RENTALS			0334.0095		0	186,00
SURFACE RENTALS	0336.0096	3,333	0334.0096		60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES		5,535				35,00
OTHER RIG/MISC EXPENSES	0336.0116	14,400	0334.0116		0	194,40
PRIMARY CEMENTING		14,400			0	243,00
WELL CONTROL EQUIP/SERVICES			0334.0130		0	243,00
OVERHEAD	0336.0142	16 522			0	
	0330.0142	16,533				31,53
MUD DISPOSAL LABOR/EQUIP	0000 0100	24.067	0004.0100			177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	31,867			0	362,86
STIMULATION FLUID			0334.0083		0	155,00
FRAC TREE RENTAL			0334.0098		0	60,00
FLOWBACK SERVICES			0334.0102		30,000	30,00
BRIDGE PLUGS/FRAC PLUGS			0334.0110		0	40,00
STIMULATION/FRACTURING			0334.0135		0	2,481,00
PERFORATING & WIRELINE SERVICES			0334.0136		0	283,00
COMPLETION RIG/WORKOVER RIG			0334.0150		0	21,00
COIL TUBING SERVICES			0334.0151		0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL			0334.0172		109,193	109,19
MECHANICAL LABOR	0336.0042	88,400				88,40
AUTOMATION LABOR	0336.0043	31,733	0334.0043		0	31,73
IPC & EXTERNAL PAINTING	0336.0106	16,400				16,40
FL/GL - ON PAD LABOR	0336.0107	84,000				84,00
FL/GL - SUPERVISION	0336.0109	11,867				11,86
SURVEY	0336.0112					
CONTINGENCY - PIPELINE	0336.0191	1,467				1,46
Total Intangible Cost		2,000			212.102	2,00
		321,734	00040000		212,193	7,454,92
WELLHEAD EQUIPMENT SURFACE			0334.0202		10,000	104,00
CONDUCTOR PIPE						6,00
SURFACE CASING						277,00
INTERMEDIATE CASING I						781,80
PRODUCTION CSG/TIE BACK						245,00
PERMANENT DOWNHOLE EQUIPMENT			0334.0215		0	59,00
WATER STRING CASING						70,00
TUBING			0334.0201		0	276,00
SURFACE EQUIPMENT			0334.0203		15,000	15,00
WELL AUTOMATION MATERIALS			0334.0329		5,000	5,00
N/C LEASE EQUIPMENT	0336.0303	90,000			0	90,00
GATHERING/FLOWLINES	0336.0315	33,733			0	33,73
METERING EQUIPMENT	0336.0321	16,800			U.S.	16,80
LEASE AUTOMATION MATERIALS	0336.0322	30,933				30,93
PRODUCTION EQUIPMENT FREIGHT	0336.0327					10,00
FL/GL - MATERIALS	0336.0331	10,000				
		19,467				19,46
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				11,60
Total Tangible Cost		358,266			30,000	2,197,06
Total Estimated Cost		680,000			242,193	9,651,99

🔿 COTERRA	Authorization For Expenditure Dr	illing		AFE # 026722077
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name MIGHTY PHEASANT 5-8 FED COM 303H	Prospect	Property Number 411354279	AFE 026722077
County, State	Location		Estimated Spud	Estimated Completion
Lea, NM	Section 5, Township 20 South, Range 34 E	East, Lea County, NM	11/9/2022	
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
Supplement Revision	3rd Bone Spring		20,870	10,870
Revision				

Purpose Drill and complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,866,618
Total Intangible Cost	\$7,841,618
Tangible	Cost
Tangible	\$2,780,375
Total Tangible Cost	\$2,780,375
Total Well Cost	\$10,621,993

Comments On Well Costs

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. C	Overhead will be charged in accordance with the Joint (Operating Agreement.	8/2/2023			

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		ling		p/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	2,056			22,05
PAD CLEANUP	0331.0024	0	0333.0024	10,000			0334.0024	3,000	13,00
ROAD/PAD CONSTRUCTION	0331.0030	100,000			0336.0030	34,883			134,88
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000							20,00
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000							110,00
SUPERVISION	0331.0040	90,000	0333.0040	44,000	0336.0040	18,928	0334.0040	5,000	157,92
DRILLING RIG	0331.0050	758,000							758,000
CASING CREW	0331.0055	43,000	0333.0055	0					43,00
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000			0334.0056	0	64,000
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	290,00
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000		130,000		2,001		00,000	35,000
OTHER RIG/MISC EXPENSES	0331.0037		0333.0116	109,000	0336.0116	22 71 4	0334.0116	0	
PRIMARY CEMENTING	0331.0116	71,000	0000.0110	109,000	0000110	22,714	0004.0110	0	202,714
		243,000	00000 0100	40000			0004.0100		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			0555.0151	108,000			0334.0172		
					0000 0040	450 707	0334.0172	109,193	109,193
MECHANICAL LABOR					0336.0042	150,727	00040		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	0333.0211	0			0334.0215	0	243,000
WATER STRING CASING			5555.0215	0			JJJ 4 .021J	U	
	0331.0221	70,000	0222 0201	276.000			0224 0201	0	70,000
			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				
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					0336.0339	30,070			30,070
Total Tangible Cost		1,494,800		314,000		941,575		30,000	2,780,375
Total Tangible Cost									

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	Del	lling		Comp/Stim
Description	Codes	Amount	Codes	Amo
Description LAND/LEGAL/CURATIVE	0331.0002		coues	Allo
		10,000		
DAMAGES	0331.0005	20,000		
PAD CLEANUP	0331.0024	0	0333.0024	10,0
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	
			0555.0040	44,0
DRILLING RIG	0331.0050	758,000		
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	
RIG FUEL	0331.0071	87,000	0333.0071	
WATER & TRANSFER/TRUCKING (NOT	0331.0073	25,000	0333.0073	20.0
			0333.0073	20,0
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	45,0
SURFACE RENTALS	0331.0096	98,000	0333.0096	130,0
SOLIDS CONTROL EQUIP/SERVICES	0331.0097		00000	150,0
		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	100,0
	0331.0165		0333.0165	52.0
MUD DISPOSAL LABOR/EQUIP		125,000		- 1
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	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		10,000	0333.0201	2764
			5555.0201	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)				
FACILITY LINE PIPE				
Total Tangible Cost		1,494,800		314,0

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED

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		Production Equip			Post Completion	Total
Description	Codes	Floadcaon Equip	Amount	Codes	Amount	Co
LAND/LEGAL/CURATIVE	0336.0002		0	codes	Anounc	10,00
DAMAGES	0336.0005		2,056			22,0
PAD CLEANUP	0550.0005		2,030	0334.0024	2.000	
	0000		24.002	0334.0024	3,000	13,0
ROAD/PAD CONSTRUCTION	0336.0030		34,883			134,8
CONDUCTOR, MOUSE HOLE & CELLAR						20,0
RIG MOBILIZE/DEMOBILIZE						110,0
SUPERVISION	0336.0040		18,928	0334.0040	5,000	157,9
DRILLING RIG						758,0
CASING CREW						43,0
TUBULAR INSPECTIONS				0334.0056	0	64,0
WELDING/ROUSTABOUTS/LEASE CREWS				0334.0059	5,000	30,0
RIG FUEL				0334.0071	0	87,0
WATER & TRANSFER/TRUCKING (NOT DRLG				0334.0073	0	45,0
DRILL BITS						62,0
DRILLING MUD & ADDITIVES						285,0
DIRECTIONAL DRILLING SERVICES						
DOWNHOLE RENTALS				0224.0005		319,0
				0334.0095	0	186,0
SURFACE RENTALS	0336.0096		2,001	0334.0096	60,000	290,0
SOLIDS CONTROL EQUIP/SERVICES						35,0
OTHER RIG/MISC EXPENSES	0336.0116		22,714	0334.0116	0	202,7
PRIMARY CEMENTING						243,0
WELL CONTROL EQUIP/SERVICES				0334.0130	0	226,0
OVERHEAD	0336.0142		27,312			42,3
MUD DISPOSAL LABOR/EQUIP						177,0
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190		107,462	0334.0190	0	438,4
STIMULATION FLUID	2000.0100		107,402	0334.0083	0	
						155,0
FRAC TREE RENTAL				0334.0098	0	60,0
FLOWBACK SERVICES				0334.0102	30,000	30,0
BRIDGE PLUGS/FRAC PLUGS				0334.0110	0	40,0
STIMULATION/FRACTURING				0334.0135	0	2,481,0
PERFORATING & WIRELINE SERVICES				0334.0136	0	283,0
COMPLETION RIG/WORKOVER RIG				0334.0150	0	21,0
COIL TUBING SERVICES				0334.0151	0	168,0
SWD - PIPED TO 3RD PARTY SWD WELL				0334.0172	109,193	109,1
MECHANICAL LABOR	0336.0042		150,727		100,100	150,7
AUTOMATION LABOR	0336.0043		44,672	0334.0043	0	44,6
IPC & EXTERNAL PAINTING	0336.0106			0554.0045	0	
FL/GL - ON PAD LABOR	0336.0107		12,277			12,2
			101,729			101,7
FL/GL - LABOR	0336.0108		56,083			56,0
FL/GL - SUPERVISION	0336.0109		10,816			10,8
SURVEY	0336.0112		5,246			5,2
AID IN CONSTRUCT/3RD PARTY CONNECT	0336.0144		75,716			75,7
CONTINGENCY - PIPELINE	0336.0191		35,803			35,80
Total Intangible Cost			708,425		212,193	7,841,6
WELLHEAD EQUIPMENT SURFACE				0334.0202	10,000	104,0
CONDUCTOR PIPE					10,000	6,0
SURFACE CASING						
INTERMEDIATE CASING I						277,0
						781,8
PRODUCTION CSG/TIE BACK						245,0
PERMANENT DOWNHOLE EQUIPMENT				0334.0215	0	59,0
WATER STRING CASING						70,0
TUBING				0334.0201	0	276,0
SURFACE EQUIPMENT				0334.0203	15,000	15,0
WELL AUTOMATION MATERIALS				0334.0329	5,000	5,0
N/C LEASE EQUIPMENT	0336.0303		157 110	0334.0303	0	157,1
GATHERING/FLOWLINES	0336.0315		160,409		0	160,4
TANKS, STEPS, STAIRS	0336.0317		74,039		0	74,0
	0336.0321					
			24,445			24,4
LEASE AUTOMATION MATERIALS	0336.0322		45,970			45,9
ACILITY ELECTRICAL	0336.0324		66,034			66,0
PRODUCTION EQUIPMENT FREIGHT	0336.0327		23,256			23,2
FL/GL - MATERIALS	0336.0331		19,956			19,9
SHORT ORDERS	0336.0332		4,326			4,3
PUMPS	0336.0333		33,585			33,5
WALKOVERS	0336.0334		6,490			6,4
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335		240,288			240,2
SECONDARY CONTAINMENTS	0336.0336					
			9,843			9,8
OVERHEAD POWER DISTR (TO FACILITY)	0336.0337		45,430			45,4
FELECOMMUNICATION EQUIPMENT	0336.0338		324			3
FACILITY LINE PIPE	0336.0339		30,070			30,0
Total Tangible Cost			941,575		30,000	2,780,3

🔿 COTERRA	Authorization For Expenditure	Drilling		AFE # 026722071
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	MIGHTY PHEASANT 5-8 FED COM 201H		411354285	026722071
County, State	Location		Estimated Spud	Estimated Completion
Lea, NM	Section 5, Township 20 South, Range 34	4 East, Lea County, NM	5/27/2024	
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
Supplement Revision	2nd Bone Spring		20,320	10,320

Purpose Drill and complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible	\$2,197,066
Total Tangible Cost	\$2,197,066
Total Well Cost	\$9,651,993

Comments On Well Costs

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

Well Control Insurance

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

I elect to purchase my own well control insurance policy.

Marketing Election

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

I elect to take my gas in kind.

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

Comments on AFE

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

Nonoperator Approval						
	Company	Approved By (Print Name)	Approved By (Signature)	Date		
		Casta abauma an this forms are estimated ash. Dr. ana	tice this AFF the concertice parts economic to provide properties at			
	NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate					
	hare of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.					

COM 201H

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DAMAGESUB1000UB1	COM 2	01H								
JAND/SEGAUC/URATIVE031.000011.000011.000031.0000		Dril	ling	Com	p/Stim	Product	ion Equip	Post Con	npletion	Total
DAMAGSCHAMPACHAM	Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Cost
pace CAMPAP CONTROL CONDUCTOR CONDUCTOR CONDUCTOR MODE PLUE & CLUAM0011000 001100000000 000000036000 000000350000 00360000350000 035000035000 <td>LAND/LEGAL/CURATIVE</td> <td>0331.0002</td> <td>10,000</td> <td></td> <td></td> <td>0336.0002</td> <td>0</td> <td></td> <td></td> <td>10,000</td>	LAND/LEGAL/CURATIVE	0331.0002	10,000			0336.0002	0			10,000
index products mutual symbolindex products mutual symbol <td>DAMAGES</td> <td>0331.0005</td> <td>20,000</td> <td></td> <td></td> <td>0336.0005</td> <td>0</td> <td></td> <td></td> <td>20,000</td>	DAMAGES	0331.0005	20,000			0336.0005	0			20,000
index products mutual symbolindex products mutual symbol <td>PAD CLEANUP</td> <td>0331 0024</td> <td></td> <td>0333.0024</td> <td>10 000</td> <td></td> <td></td> <td>0334 0024</td> <td>3 000</td> <td>13,000</td>	PAD CLEANUP	0331 0024		0333.0024	10 000			0334 0024	3 000	13,000
CONDUCTOR MODE ACCEDENTIAL COLDAN COLDAN COLDAN COLDAN		0331.0030	-		10,000	0336.0030	5 334		3,000	105,334
Disk Disk <thdisk< th=""> Disk Disk <thd< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>5,554</td><td></td><td></td><td>20,000</td></thd<></thdisk<>							5,554			20,000
SuperBord pullar of pullar of pullar of 										110,000
pinuling Big 0331005 758,000 033005 0 0 0 0				0000 00 40		0000 0040		00040		
CAUNG CEW03100543000033005400003300540000340050003400500003400500				0555.0040	44,000	0550.0040	14,400	0554.0040	5,000	153,400
InstI										758,000
WILDPRODUPS(LAS CREWS 031009 22.000 033.009 L 0 0 034.007 0 0 WATE & TRANSFER/TBUCKING (NOT DRLG 031.007 25.000 033.0071 0 033.0071 0 033.0073 0 0 034.0073 0										43,000
Northall Northall Northall Northall 					4,000					64,000
MATES TRANSFERTIPLICUNG (NOT DRLG DIBLLIARS0310073200003300732000033007320000330073 <th< td=""><td></td><td></td><td>25,000</td><td>0333.0059</td><td>0</td><td></td><td></td><td>0334.0059</td><td>5,000</td><td>30,000</td></th<>			25,000	0333.0059	0			0334.0059	5,000	30,000
pall BTS031 008231 008235 00 <td>RIG FUEL</td> <td>0331.0071</td> <td>87,000</td> <td>0333.0071</td> <td>0</td> <td></td> <td></td> <td>0334.0071</td> <td>0</td> <td>87,000</td>	RIG FUEL	0331.0071	87,000	0333.0071	0			0334.0071	0	87,000
DelLUGK MUD & ADDITIVES 0310008 295.000 N I	WATER & TRANSFER/TRUCKING (NOT DRLG	0331.0073	25,000	0333.0073	20,000			0334.0073	0	45,000
Direlling MuD & ADDITIVESB310002298,000ImageImag	DRILL BITS	0331.0080	62,000							62,000
DIRECTONAL DIRLING SERVICES031.009141.00033.009450.00033.009033.009033.009033.009033.009033.009033.009033.009033.009033.009033.009033.009033.009033.009033.009033.009033.001	DRILLING MUD & ADDITIVES	0331.0082								285,000
Downled ReINTALS 0310095 141.000 033.0095 45.000 035.0095 03.333 034.0095 0.0 SOLDS CONTROL EQUIP/SERVICES 033.1007 35.000 035.0016 14.400 034.0036 030.001 33.333 034.0096 0.00 035.0101 14.400 031.013 0 0 035.012 0 035.012 0 035.013 0 0 034.013 0 0 034.013 0 0 034.013 0 0 035.014 035.014 15.500 035.0160 035.0160 035.0160 035.0160 035.0160 035.0160 035.0160 035.0160 0 035.0160										319,000
LURACE RENTALS 0331006 98,000 033.0096 13,000 03,0005 3,333 034.0096 60,000 OUDES CONTROL EQUIP/SERVICES 0331007 71,000 0333100 130,000 035,000 033.0007 130,000 035,000 030,000 033,010 14,000 034,0116 0 034,0116 0 034,0116 0 034,0116 0 034,0116 0 034,0116 0 034,0116 0 034,0107 034,010 034,010 034,010 0 034,010 0 034,010 0 034,010 0 034,010 0 0 034,010 0 0 034,010 0 0 0 0 034,010 0				0222.0005	45.000			0224.0005	0	
SCUDE CONTROL FQUIP/REWERS 031 007 35,000 033 0110 033 0000 033 00										186,000
OHER RIGAMISC EVENES 0331016 71,000 033.0116 10,900 033.0116 14,400 033.0116 0 224 PRIMARY CEMENTING 033.0128 12,000 033.0130 136,000 033.0126 136,000 033.0126 136,000 033.0161 030.0126 033.0161 0 0 033.0161 0 033.0161 0 033.0161 0 0 033.0161 0 0 033.0161 0 033.0161 0 0 033.0161 0 0 033.0161				0333.0096	130,000	0336.0096	3,333	0334.0096	60,000	291,333
pinAMAR CXEMINTING 03310120 243,000 0000 0330130 136,000 0330142 16,533 03340130 03340143 03340144 15,000 03330144 16,533 03340130 03340143 03340144 15,000 03330165 52,000 03340142 16,533 0 0 03540130 0 0 0356013 03340143 0 03340143 0 0 03340143 0 0 03340143 0										35,000
WELL CONTROL EQUIP/SERVICES 031 0130 130,00 033 013 136,00 036 0142 16,533 0 0 OVERHEAD 033 0142 15,000 033 0165 125,000 033 0165 16,533 0 16,533 CONTINGLEQUIP 031 0190 113,000 033 0065 155,000 0 034 0079 034 0079 034 0079 034 0079 0 034 0079 0 <				0333.0116	109,000	0336.0116	14,400	0334.0116	0	194,400
oversettab 033 0142 15 000 033.0142 16 533 text 16 533 text 16 533 text 17 7 MUD DISPOSAL LABOREQUIP 0331 0159 12 5,000 0333 0155 15 5,000 0336 015 034 0190 036 0015 034 0190 036 0105 034 0190 036 0105 034 0190 036 0105 034 0190 036 0105 034 0190 036 0105 034 0190 036 0105 034 0105 036 0105 036 0105 034 0105 030 0005 036 0105 034 0105 0 044 033 0105 033 0105 034 0105 0 044 033 0105 036 0105 034 0105 0 0 24 0 034 0115 0 0 24 0 034 0115 0 0 24 0 034 0115 0 0 24 0 0 24 0 0 24 0 0 24 0 0 24 0 0 24 24 0 0 0 0 0 0	PRIMARY CEMENTING	0331.0120	243,000							243,000
MUD DISPOSAL LABOR/EQUIP 03310165 125,000 03330165 52,000 03340100 03340100 0336000 03360100 0336000 03340008 0 0356000 03340008 0 0356000 03340008 0 0356000 03340008 0 0356000 03340008 0 0356000 03340008 0 0356000 03340008 0 0 03340008 0 0 03340008 0 0 03340008 0 0 03340008 0 0 0 03340008 0 </td <td>WELL CONTROL EQUIP/SERVICES</td> <td>0331.0130</td> <td>90,000</td> <td>0333.0130</td> <td>136,000</td> <td></td> <td></td> <td>0334.0130</td> <td>0</td> <td>226,000</td>	WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000			0334.0130	0	226,000
CONTINGENCY - DRLG, COMP, PCOM, FAC 033.0190 143,000 033.0190 188,000 034.0190 034.0190 034.0190 034.0190 034.0190 035.0190 034.0083 0 155,000 034.0083 0 155,000 0334.0083 0 056,000 0334.0083 0 0 0 0 0334.0083 0 0 0 0 034.0012 0	OVERHEAD	0331.0142	15,000	0333.0142	0	0336.0142	16,533			31,533
CONTINGENCY - DRLG, COMP, PCOM, FAC 033.0190 143,000 033.0190 188,000 034.0190 034.0190 034.0190 034.0190 034.0190 035.0190 034.0083 0 155,000 034.0083 0 155,000 0334.0083 0 056,000 0334.0083 0 0 0 0 0334.0083 0 0 0 0 034.0012 0	MUD DISPOSAL LABOR/EQUIP	0331.0165		0333.0165						177,000
STIMULATION FLUID Intermediate Intermediate Oracle Oracle </td <td></td> <td>0331 0190</td> <td></td> <td>0333.0190</td> <td></td> <td>0336.0190</td> <td>31.867</td> <td>0334 0190</td> <td>0</td> <td>362,867</td>		0331 0190		0333.0190		0336.0190	31.867	0334 0190	0	362,867
PRAC TREE RENTAL Image: Construct of the state of the st			145,000				51,007			
PLOWBACK SERVICES Image: Construct Services Image: Con										155,000
BRIDGE PLUGS/FRAC PLUGS I 0333.0110 40,000 0 0334.0110 0.0 44 STIMULATON/FRACTURING I 0333.0135 2,481,000 0334.0135 0 2,481 DERRORATING SWITCES I 0333.0135 2,481,000 0334.0135 0 0334.0135 0 0334.0135 0 0334.0135 0 0334.0135 0 0334.0135 0 0334.0135 0 0334.0135 0 0334.0135 0 0334.0135 0 0334.0135 0 0334.0137 0334.0130 0 0334.0131 0 0334.0131 0 0334.0131 0 0334.0131 0 0334.0131 0 0334.0131 0 0334.0131 0 0334.0131 0 0334.0131 0 0334.0131 0 0334.0131 0 0334.0131 0 0 0334.0131 0 0 0334.0131 0 0 0334.0131 0 0 0334.021 0,000 0 0 0344.022 0,000 0										60,000
STIMULATION/FRACTURING I										30,000
PERFORATING & WIRELINE SERVICES I 0333.0136 283,000 I 0334.0136 0 0233 COMPLETION RIG/WORKOVER RIG I 0333.0150 21,000 I 0334.0150 0 0334.0150 0 0334.0150 0 0336.0151 0 0 0336.0151 0 0 0336.0151 0 0334.0172 109,193 1000 0 0336.0101 0336.0014 0336.0014 0336.0014 0336.0014 0336.0010 11.88 0 0 0336.0014 0336.0016 16.400 0 0 0336.0016 11.86 0 0 0336.0016 11.86 0 0 0 0336.0017 84,000 11.96 0<										40,000
COMPLETION RIG/WORKOVER RIG COMPLETION RIG/WORKOVER RIG COM COM <thcom< th=""> COM COM CO</thcom<>				0333.0135	2,481,000			0334.0135	0	2,481,000
COIL TUBING SERVICESImage: constraint of the constraint of	PERFORATING & WIRELINE SERVICES			0333.0136	283,000			0334.0136	0	283,000
SWD - PIPED TO 3RD PARTY SWD WELL International Labor Internate L	COMPLETION RIG/WORKOVER RIG			0333.0150	21,000			0334.0150	0	21,000
SND - PIPED TO 3RD PARTY SND WELLIntermed PIPED TO 3RD PARTY SND WELL AUTOMATION MATERIALSIntermed PIPED TO 3RD PARTY SND WELL AUTO	COIL TUBING SERVICES			0333.0151	168,000			0334.0151	0	168,000
MECHANICAL LABOR Image: mark transmission of transmiss	SWD - PIPED TO 3RD PARTY SWD WELL							0334.0172	109.193	109,193
AUTOMATION LABORInc.Inc	MECHANICAL LABOR					0336.0042	88.400		103,133	88,400
PC & EXTERNAL PAINTING Image of the state o								0334 0043	0	31,733
FUGL - ON PAD LABOR Image: Constraint of the sector of the s		_						00010010	0	
FUG - SUPERVISION Image: S										16,400
SURVEY SURVEY Intermediate										84,000
CONTINGENCY - PIPELINE Image: Content intengible Cost 2,975,000 3,946,000 3,21,734 Content intengible Cost 2,275,000 3,946,000 3,21,734 Content intengible Cost 2,275,000 033,0202 3,846,000 032,17,34 Content intengible Cost 2,275,000 033,0202 3,846,000 033,21,734 Content intengible Cost 2,275,000 033,0202 3,846,000 033,21,734 Contengible Cost 0,000							11,867			11,867
Total Intangible Cost 2,975,000 3,946,000 321,734 212,193 7,455 WELLHEAD EQUIPMENT SURFACE 0331,0202 56,000 0333,0202 38,000 0 0334,0202 10,000 100 CONDUCTOR PIPE 0331,0207 277,000 <						0336.0112	1,467			1,467
WELLHEAD EQUIPMENT SURFACE 0331.0202 56,000 0333.0202 38,000 0334.0202 10,000 104 CONDUCTOR PIPE 0331.0206 6,000 277,000 6,000 6,000 7,80<	CONTINGENCY - PIPELINE					0336.0191	2,000			2,000
CONDUCTOR PIPE 033.1026 6,000 cm cm< cm cm cm c	Total Intangible Cost	t	2,975,000		3,946,000		321,734		212,193	7,454,927
CONDUCTOR PIPE 0331.0206 6,000 Image: marked state s	WELLHEAD EQUIPMENT SURFACE	0331.0202	56.000	0333.0202	38,000			0334.0202	10.000	104,000
SURFACE CASING 0331.0207 277,000 V	CONDUCTOR PIPE	0331.0206								6,000
INTERMEDIATE CASING I 0331.028 781,800 0 0 0 0 0 0 0 0 0 PRODUCTION CSG/TE BACK 0331.021 245,000 0333.021 0 0 0 034.021 244 PERMANENT DOWNHOLE EQUIPMENT 0331.021 70,000 0333.021 0 0 0 034.021 0 55 TUBING 0331.021 70,000 0333.021 276,000 034.020 0.00 034.020 0.00 SURFACE EQUIPMENT 0 0 033.021 276,000 0334.023 15,000 0.00 VC LEASE EQUIPMENT 0 0 036.031 90,000 0334.0303 0.00 90,000 GATHERING/FLOWLINES 0.00 0.00 0336.031 90,000 0334.0303 0.00 90,000 RETERING EQUIPMENT 0.00 0.00 0336.031 90,000 0334.0303 0.00 90,000 GATHERING/FLOWLINES 0.00 0.00 0336.031 16,800 0.00 0.00 0.00 RODUCTION EQUIPMENT FREIGHT 0.00 0.00 036.032 10,900 0.00 0.00 0.00 0.00 FLOS - MATERIALS 0.00 0.00 0.00<	SURFACE CASING	0331 0207								277,000
PRODUCTION CSG/TIE BACK 0331.0211 245,000 0333.0211 0 Image: Constraint of the constraint of	INTERMEDIATE CASING I	0331.0208								781,800
PERMANENT DOWINHOLE EQUIPMENT 0331.0215 59,000 0333.0215 0 6 0 0334.0215 0 70 WATER STRING CASING 0331.0221 70,000 0 0333.0201 276,000 0 0334.0201 0 276,000 TUBING 6 0 0334.0201 0 0334.0203 10,000 0 276,000 SURFACE EQUIPMENT 6 6 6 0334.0203 15,000 0 276,000 N/C LEASE EQUIPMENT 6 6 6 0336.0315 33,733 034.0315 00 0336,032 QATHERING/FLOWLINES 6 6 0336.0315 33,733 034.0315 0 036,033 PRODUCTION EQUIPMENT 6 6 0336.0321 16,800 6 036,033 0,933 0 016,000 FL/GL - MATERIALS 6 6 0336.0321 10,000 6 016,000 016,000 016,000 016,000 FL/GL - MATERIALS 6 6 0336.0331 19,467 6 016,000 016,000 016,000 FL/GL - MATERIALS 6 6 0336.0332 0,333 6 016,000 016,000 016,000 SHORY ORDERS 6 <td></td> <td></td> <td></td> <td>0222.0211</td> <td>0</td> <td></td> <td></td> <td></td> <td></td> <td></td>				0222.0211	0					
WATER STRING CASING0331.02170,000RRR					-			0004.0015	-	245,000
TUBING 0333.0201 276,000 033.0201 033.0203 00 033.0201 033.0203 00 033.0201 033.0201 033.0303 00 033.0201 033.0301 033.0303 00 033.0303 00 033.0301 033.0303 00 033.0301 033.0303 00 033.0303 00 033.0303 00 033.0303 00 033.0303 00 033.0303 00 033.0303 000 0000 0000 00000 000000 000000 0000000 00000000 000000000000000000000000000000000000				0333.0215	0			0334.0215	0	59,000
CURRACE EQUIPMENT CLORON		0331.0221	70,000							70,000
WELLA UTOMATION MATERIALS Image: constraint of the sector of				0333.0201	276,000					276,000
NC LEASE EQUIPMENT 034.033 0 034.033 0 034.033 0 034.033 0 034.033 0 034.033 0 034.033 0 035.032 033.0315 033.0315 033.0315 0 033.033 0 035.032 033.0315 0 033.032 0 035.032 035.032 035.032 035.032 036.0331 01.000 0 101.010 001.0	SURFACE EQUIPMENT							0334.0203	15,000	15,000
GATHERING/FLOWLINES 0336.0315 33,733 0334.0315 0 333733 0334.0315 0 333733 0334.0315 0 333733 0334.0315 0 333733 0334.0315 0 0 333733 0334.0315 0 0 333733 0334.0315 0 0 333733 0334.0315 0 0 110 LEASE AUTOMATION MATERIALS 0336.0321 16,800 0336.0327 10,000 0 030 </td <td>WELL AUTOMATION MATERIALS</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0334.0329</td> <td>5,000</td> <td>5,000</td>	WELL AUTOMATION MATERIALS							0334.0329	5,000	5,000
METERING EQUIPMENT 0336.0321 16,800 16,800 LEASE AUTOMATION MATERIALS 0336.0322 30,933 33 PRODUCTION EQUIPMENT FREIGHT 0336.0327 10,000 10 LYGL - MATERIALS 0336.0332 19,467 16 SHORT ORDERS 0336.0332 9,333 16 WALKOVERS 0336.0334 2,667 12 SATTERY (HTR TRTR,SEPAR,GAS T) 0336.0335 128,400 12 SECONDARY CONTAINMENTS 0336.0336 5,5333 16 FACILITY LINE PIPE 0336.0339 11,600 11	N/C LEASE EQUIPMENT					0336.0303	90,000	0334.0303	0	90,000
METERING EQUIPMENT 0336.0321 16,800 16,800 LEASE AUTOMATION MATERIALS 0336.0322 30,933 33 PRODUCTION EQUIPMENT FREIGHT 0336.0327 10,000 10 LYGL - MATERIALS 0336.0332 19,467 16 SHORT ORDERS 0336.0332 9,333 16 WALKOVERS 0336.0334 2,667 12 SATTERY (HTR TRTR,SEPAR,GAS T) 0336.0335 128,400 12 SECONDARY CONTAINMENTS 0336.0336 5,5333 16 FACILITY LINE PIPE 0336.0339 11,600 11										33,733
LASE AUTOMATION MATERIALS 0336.0322 30,933 0336 PRODUCTION EQUIPMENT FREIGHT 0336.0327 10,000 100 FL/GL - MATERIALS 0336.0331 19,467 110 SHORT ORDERS 0336.0332 9,333 05 MALKOVERS 0336.0332 2,667 02 BATTERY (HTR TRT,SEPAR,GAS T) 0336.0335 12,8400 0236.0335 SECONDARY CONTAINMENTS 0336.0336 5,333 05 FACILITY LINE PIPE 0336.0339 11,600 01									-	16,800
PRODUCTION EQUIPMENT FREIGHT 0336.0327 10,000 10 FL/GL - MATERIALS 0336.0331 19,467 19 SHORT ORDERS 0336.0332 9,333 69 WALKOVERS 0336.0334 2,667 22 BATTERY (HTT NTR,SEPAR,GAS T) 0336.0335 128,400 128 SECONDARY CONTAINMENTS 0336.0336 5,333 69 FACILITY LINE PIPE 0336.0339 11,600 11										30,933
FL/GL - MATERIALS 0336.0331 19,467 10 SHORT ORDERS 0336.0332 9,333 9 9 WALKOVERS 0336.0334 2,667 02 </td <td></td>										
SHORT ORDERS 0336.0332 9,333 9 WALKOVERS 0336.0334 2,667 2 BATTERY (HTR TRTR,SEPAR,GAS T) 0336.0336 128,400 128 SECONDARY CONTAINMENTS 0336.0336 5,333 2 FACILITY LINE PIPE 0336.0339 11,600 11										10,000
WALKOVERS 036.0334 2,667 2 BATTERY (HTR TRTR,SEPAR,GAS T) 0336.0335 128,400 128 SECONDARY CONTAINMENTS 0336.0336 5,533 2 FACILITY LINE PIPE 0336.0339 11,600 11										19,467
BATTERY (HTR TRTR.SEPAR.GAS T) 0336.0335 128.400 228.400 SECONDARY CONTAINMENTS 0336.0336 5,333 25 FACILITY LINE PIPE 0336.0339 11,600 11										9,333
SECONDARY CONTAINMENTS 0336.0336 5,333 9 FACILITY LINE PIPE 0336.0339 11,600 11							2,667			2,667
SECONDARY CONTAINMENTS 0336.0336 5,333 5 FACILITY LINE PIPE 0336.0339 11,600 11	BATTERY (HTR TRTR, SEPAR, GAS T)					0336.0335	128,400			128,400
FACILITY LINE PIPE 0336.0339 11,600 11	SECONDARY CONTAINMENTS					0336.0336	5,333			5,333
	FACILITY LINE PIPE					0336.0339	11,600			11,600
	Total Tangible Cost	t	1,494,800		314,000		358,266		30,000	2,197,066

Total Estimated Cost

4,469,800

4,260,000

680,000

242,193

9,651,993

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED

COM 201H

		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		0555.0040		44,000
		758,000	0222.0055		
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		C
RIG FUEL	0331.0071	87,000	0333.0071		C
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		
STIMULATION FLUID	0551.0150	145,000	0333.0083		188,000
FRAC TREE RENTAL					155,000
			0333.0098 0333.0102		60,000
FLOWBACK SERVICES					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		0000.0202		50,000
SURFACE CASING	0331.0207	6,000			
INTERMEDIATE CASING I	0331.0207	277,000			
		781,800	0000000000		
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211		0
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215		0
WATER STRING CASING	0331.0221	70,000			
TUBING			0333.0201		276,000
SURFACE EQUIPMENT					
WELL AUTOMATION MATERIALS					
N/C LEASE EQUIPMENT					
GATHERING/FLOWLINES					
METERING EQUIPMENT					
LEASE AUTOMATION MATERIALS					
PRODUCTION EQUIPMENT FREIGHT					
FL/GL - MATERIALS					
SHORT ORDERS					
WALKOVERS					
BATTERY (HTR TRTR,SEPAR,GAS T) SECONDARY CONTAINMENTS					
FACILITY LINE PIPE					
Total Tangible Cost		1,494,800			314,000
Total Estimated Cost		4,469,800			4,260,000

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED

AFE # 026722071

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		Production Equip			Post Completion		Total
Description	Codes		nount	Codes	r ost completion	Amount	Co
LAND/LEGAL/CURATIVE	0336.0002			codes		Amount	
DAMAGES	0336.0005		0				10,00
	0556.0005		0				20,00
PAD CLEANUP			_	0334.0024		3,000	13,00
ROAD/PAD CONSTRUCTION	0336.0030		5,334				105,33
CONDUCTOR, MOUSE HOLE & CELLAR							20,00
RIG MOBILIZE/DEMOBILIZE							110,00
SUPERVISION	0336.0040	14	4,400	0334.0040		5,000	153,40
DRILLING RIG							758,00
CASING CREW							43,00
TUBULAR INSPECTIONS				0334.0056		0	
WELDING/ROUSTABOUTS/LEASE CREWS			_	0334.0059			64,00
			_			5,000	30,00
RIG FUEL				0334.0071		0	87,00
WATER & TRANSFER/TRUCKING (NOT DRLG				0334.0073		0	45,00
DRILL BITS							62,00
DRILLING MUD & ADDITIVES							285,00
DIRECTIONAL DRILLING SERVICES							319,00
DOWNHOLE RENTALS				0334.0095		0	186,00
SURFACE RENTALS	0336.0096		_	0334.0096		60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES						00,000	
	0226 0116		4 400	0224.0116		0	35,00
OTHER RIG/MISC EXPENSES	0336.0116	14	4,400	0334.0116		0	194,40
PRIMARY CEMENTING							243,00
WELL CONTROL EQUIP/SERVICES				0334.0130		0	226,00
OVERHEAD	0336.0142	10	6,533				31,53
MUD DISPOSAL LABOR/EQUIP							177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	3	1,867	0334.0190		0	362,86
STIMULATION FLUID			.,	0334.0083		0	155,00
FRAC TREE RENTAL			-	0334.0098		0	60,00
FLOWBACK SERVICES			_	0334.0102		30,000	30,00
BRIDGE PLUGS/FRAC PLUGS				0334.0110		0	40,00
STIMULATION/FRACTURING				0334.0135		0	2,481,00
PERFORATING & WIRELINE SERVICES				0334.0136		0	283,00
COMPLETION RIG/WORKOVER RIG				0334.0150		0	21,00
COIL TUBING SERVICES				0334.0151		0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL				0334.0172		109,193	109,19
MECHANICAL LABOR	0336.0042	8	8,400			105,155	88,40
AUTOMATION LABOR	0336.0043			0334.0043		0	
			.,	0334.0043		0	31,73
IPC & EXTERNAL PAINTING	0336.0106		6,400				16,40
FL/GL - ON PAD LABOR	0336.0107	84	4,000				84,00
FL/GL - SUPERVISION	0336.0109	1	1,867				11,86
SURVEY	0336.0112	· · · · · · · · · · · · · · · · · · ·	1,467				1,46
CONTINGENCY - PIPELINE	0336.0191		2,000				2,00
Total Intangible Cost			1,734			212,193	7,454,92
WELLHEAD EQUIPMENT SURFACE			1.01	0334.0202		10,000	104,00
CONDUCTOR PIPE			-	0554.0202		10,000	
							6,00
SURFACE CASING							277,00
INTERMEDIATE CASING I							781,80
PRODUCTION CSG/TIE BACK							245,00
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	59,00
WATER STRING CASING							70,00
TUBING				0334.0201		0	276,00
SURFACE EQUIPMENT				0334.0203		15,000	
WELL AUTOMATION MATERIALS				0334.0205			15,00
	0000 0000		_			5,000	5,00
N/C LEASE EQUIPMENT	0336.0303			0334.0303		0	90,00
GATHERING/FLOWLINES	0336.0315	33	3,733	0334.0315		0	33,73
METERING EQUIPMENT	0336.0321	10	6,800				16,80
LEASE AUTOMATION MATERIALS	0336.0322	30	0,933				30,93
PRODUCTION EQUIPMENT FREIGHT	0336.0327		0,000				10,00
FL/GL - MATERIALS	0336.0331		9,467				19,46
SHORT ORDERS	0336.0332		_				9,33
			9,333				
WALKOVERS	0336.0334		2,667				2,66
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335	12	8,400				128,40
SECONDARY CONTAINMENTS	0336.0336		5,333				5,33
FACILITY LINE PIPE	0336.0339	1	1,600				11,60
Total Tangible Cost			8,266			30,000	2,197,06
		55				50,000	_,,00

COTERRAAuthorization For ExpenditureDrillingAFE # 026722062Company EntityDate PreparedCIMAREX ENERGY CO (999901)8/2/2023

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

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible	\$2,197,066
Taligible	

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									

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

COM 102H

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	Dril	ling	Com	o/Stim	Productio	on Equip	Post Con	npletion	Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Co
AND/LEGAL/CURATIVE	0331.0002	10,000	codes	/ into drife	0336.0002	0	codes	7 ano anc	10,00
DAMAGES	0331.0005	20,000			0336.0005	0			20.00
	0331.0024	20,000	0333.0024	10,000	0550.0005	0	0334 0024	3,000	
ROAD/PAD CONSTRUCTION	0331.0024	100,000	0333.0024	10,000	0336.0030	5.334	0334.0024	5,000	13,00 105,33
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0030				0330.0030	5,554			
		20,000							20,00
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000							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	0331.0073	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							285,00
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000							319,00
DOWNHOLE RENTALS	0331.0095	141,000	0333.0095	45,000			0334.0095	0	186,00
SURFACE RENTALS	0331.0096	98,000	0333.0096	130,000	0336.0096	3,333	0334.0096	60,000	291,33
OLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000	0333.0090	150,000	0330.0090	3,333	0334.0050	60,000	291,53
OTHER RIG/MISC EXPENSES	0331.0037		0333.0116	100.000	0336.0116	4.4.400	0334.0116		
		71,000	0333.0116	109,000	0336.0116	14,400	0334.0116	0	194,40
PRIMARY CEMENTING	0331.0120	243,000							243,00
VELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000			0334.0130	0	226,00
DVERHEAD	0331.0142	15,000	0333.0142	0	0336.0142	16,533			31,53
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000					177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0190	143,000	0333.0190	188,000	0336.0190	31,867	0334.0190	0	362,86
TIMULATION FLUID			0333.0083	155,000			0334.0083	0	155,00
RAC TREE RENTAL			0333.0098	60,000			0334.0098	0	60,00
LOWBACK SERVICES			0333.0102	0			0334.0102	30,000	30,00
BRIDGE PLUGS/FRAC PLUGS			0333.0110	40,000			0334.0110	0	40,00
TIMULATION/FRACTURING			0333.0135	2,481,000			0334.0135	0	2,481,00
PERFORATING & WIRELINE SERVICES			0333.0136	283,000			0334.0136	0	283,00
COMPLETION RIG/WORKOVER RIG			0333.0150	21,000			0334.0150	0	21,00
COIL TUBING SERVICES			0333.0151	168,000			0334.0151	0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL			0000.0101	100,000			0334.0172	109.193	100,00
MECHANICAL LABOR	-				0336.0042	88,400	000 1.0172	105,155	
AUTOMATION LABOR					0336.0042	31,733	0334.0043	0	88,40
PC & EXTERNAL PAINTING					0336.0106	- 1	0334.0043	0	31,73
						16,400			16,40
FL/GL - ON PAD LABOR					0336.0107	84,000			84,00
FL/GL - SUPERVISION					0336.0109	11,867			11,86
SURVEY					0336.0112	1,467			1,46
CONTINGENCY - PIPELINE					0336.0191	2,000			2,00
Total Intangible Co	ost	2,975,000		3,946,000		321,734		212,193	7,454,92
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000			0334.0202	10,000	104,00
CONDUCTOR PIPE	0331.0206	6,000							6,00
SURFACE CASING	0331.0207	277,000							277,00
NTERMEDIATE CASING I	0331.0208	781,800							781,80
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	0					245,00
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0			0334.0215	0	59,00
VATER STRING CASING	0331.0221	70,000		0				0	70,00
UBING		10,000	0333.0201	276,000			0334.0201	0	276,00
SURFACE EQUIPMENT			0000.0201	270,000			0334.0203	15,000	15,00
VELL AUTOMATION MATERIALS	_						0334.0203	5,000	
					0000 0000	00.000			5,00
I/C LEASE EQUIPMENT GATHERING/ELOWLINES					0336.0303	90,000	0334.0303	0	90,00
						33,733	0334.0315	0	33,73
AETERING EQUIPMENT					0336.0321	16,800			16,80
EASE AUTOMATION MATERIALS					0336.0322	30,933			30,93
PRODUCTION EQUIPMENT FREIGHT					0336.0327	10,000			10,00
L/GL - MATERIALS					0336.0331	19,467			19,46
HORT ORDERS					0336.0332	9,333			9,33
VALKOVERS					0336.0334	2,667			2,60
BATTERY (HTR TRTR, SEPAR, GAS T)					0336.0335	128,400			128,40
SECONDARY CONTAINMENTS					0336.0336	5,333			5,33
ΕΔ. ΓΙΙ ΙΤΥ Ι ΙΝΕ ΡΙΡΕ					0336.0339	11 600			11.60

0336.0339

314,000

4,260,000

11,600

358,266

680,000

11,600

2,197,066

9,651,993

30,000

242,193

FACILITY LINE PIPE

Total Tangible Cost

Total Estimated Cost

1,494,800

4,469,800

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED

COM 102H

	Page	<u>6</u> 4	of 125	
26722062				

		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	0000000		
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				
DIRECTIONAL DRILLING SERVICES		285,000			
	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		
					(
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		203,000
COIL TUBING SERVICES			0333.0150		
			0555.0151		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		2,975,000			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		0333.0215		(
		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 EOUIPMENT FREIGHT					
FL/GL - MATERIALS					
SHORT ORDERS					
WALKOVERS					
BATTERY (HTR TRTR,SEPAR,GAS T)					
SECONDARY CONTAINMENTS					
FACILITY LINE PIPE					
	+	1,494,800			314,00
Total Tangible Cos					

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

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		Production Equip			Post Completion		Total
Description	Codes		Amount	Codes		Amount	Co
LAND/LEGAL/CURATIVE	0336.0002		0				10,00
DAMAGES	0336.0005		0				20,00
PAD CLEANUP				0334.0024		3,000	13,00
ROAD/PAD CONSTRUCTION	0336.0030		5,334			-,	105,33
CONDUCTOR, MOUSE HOLE & CELLAR							20,00
RIG MOBILIZE/DEMOBILIZE							110,00
SUPERVISION	0336.0040		14,400	0334.0040		5,000	
DRILLING RIG	0000000		14,400	00010		3,000	153,40
CASING CREW							758,00
				0224.0056			43,00
TUBULAR INSPECTIONS				0334.0056		0	64,00
WELDING/ROUSTABOUTS/LEASE CREWS				0334.0059		5,000	30,00
RIG FUEL				0334.0071		0	87,00
WATER & TRANSFER/TRUCKING (NOT DRLG				0334.0073		0	45,00
DRILL BITS							62,00
DRILLING MUD & ADDITIVES							285,00
DIRECTIONAL DRILLING SERVICES							319,00
DOWNHOLE RENTALS				0334.0095		0	186,00
SURFACE RENTALS	0336.0096		3,333	0334.0096		60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES							35,00
OTHER RIG/MISC EXPENSES	0336.0116		14,400	0334.0116		0	194,40
PRIMARY CEMENTING			14,400			0	243,00
WELL CONTROL EQUIP/SERVICES				0334.0130		0	243,00
OVERHEAD	0336.0142		16,533	000-0100		0	
	0550.0142		16,533				31,53
MUD DISPOSAL LABOR/EQUIP	000000000			00010100			177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190		31,867	0334.0190		0	362,86
STIMULATION FLUID				0334.0083		0	155,00
FRAC TREE RENTAL				0334.0098		0	60,00
FLOWBACK SERVICES				0334.0102		30,000	30,00
BRIDGE PLUGS/FRAC PLUGS				0334.0110		0	40,00
STIMULATION/FRACTURING				0334.0135		0	2,481,00
PERFORATING & WIRELINE SERVICES				0334.0136		0	283,00
COMPLETION RIG/WORKOVER RIG				0334.0150		0	21,00
COIL TUBING SERVICES				0334.0151		0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL				0334.0172		109,193	109,19
MECHANICAL LABOR	0336.0042		00.400	0001.0172		105,155	
AUTOMATION LABOR	0336.0043		88,400	0224.0042			88,40
			31,733	0334.0043		0	31,73
IPC & EXTERNAL PAINTING	0336.0106		16,400				16,40
FL/GL - ON PAD LABOR	0336.0107		84,000				84,00
FL/GL - SUPERVISION	0336.0109		11,867				11,86
SURVEY	0336.0112		1,467				1,46
CONTINGENCY - PIPELINE	0336.0191		2,000				2,00
Total Intangible Cost			321,734			212,193	7,454,92
WELLHEAD EQUIPMENT SURFACE				0334.0202		10,000	104,00
CONDUCTOR PIPE							6,00
SURFACE CASING							277,00
INTERMEDIATE CASING I							781,80
PRODUCTION CSG/TIE BACK							
				0224.0215		0	245,00
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	59,00
WATER STRING CASING							70,00
TUBING				0334.0201		0	276,00
SURFACE EQUIPMENT				0334.0203		15,000	15,00
WELL AUTOMATION MATERIALS				0334.0329		5,000	5,00
N/C LEASE EQUIPMENT	0336.0303		90,000	0334.0303		0	90,00
GATHERING/FLOWLINES	0336.0315		33,733	0334.0315		0	33,73
METERING EQUIPMENT	0336.0321		16,800				16,80
LEASE AUTOMATION MATERIALS	0336.0322		30,933				30,93
PRODUCTION EQUIPMENT FREIGHT	0336.0327						
FL/GL - MATERIALS	0336.0331		10,000				10,00
FL/GL - MATERIALS SHORT ORDERS			19,467				19,46
	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				11,60
Total Tangible Cost			358,266			30,000	2,197,06
							,

AFE # 026722057

Date Prepared

COTERRA Authorization For Expenditure Drilling Company Entity CIMAREX ENERGY CO (999901)

CIMAREX ENERGY CO (999901)	ell Name Prospect		8/2/2023	
Exploration Region	Well Name			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	

Purpose Drill and complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
	\$2.407.0CC
Tangible	\$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						

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

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

AFE # 026722057

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26722057		

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PAD CLEANUP PAD CLEANUP ROAD/PAD CONSTRUCTION CONDUCTOR, MOUSE HOLE & CELLAR CONDUCTOR, MOUSE HOLE & CELLAR CONTURED REVISION CASING CREW CASING CREW CUBLING/ROUSTABOUTS/LEASE CREWS CONTUBLIAR INSPECTIONS WELDING/ROUSTABOUTS/LEASE CREWS CONTURE RENTALS CONTOR LEQUIP/SERVICES CONTROL EQUIP/SERVICES	0331.0024 0331.0030 0331.0031 0331.0030 0331.0050 0331.0055 0331.0055 0331.0055 0331.0073 0331.0073 0331.0080 0331.0095 0331.0095 0331.0095 0331.0095 0331.0116 0331.0120 0331.0120 0331.0120 0331.0120	20,000 0 100,000 20,000 110,000 90,000 758,000 60,000 25,000 62,000 25,000 62,000 25,000 141,000 98,000 35,000 71,000 243,000	0333.0040 0333.0055 0333.0056 0333.0059 0333.0071 0333.0073	44,000 0 4,000 0 20,000 45,000	0336.0030	0 5,334	0334.0040 0334.0056 0334.0059 0334.0071	5,000 0 5,000 0	20,0 13,0 105,3 20,0 110,0 153,4 758,0 43,0 64,0 30,0 87,0 45,0
PAD CLEANUP PAD CLEANUP ROAD/RAD CONSTRUCTION CONDUCTOR, MOUSE HOLE & CELLAR CONDUCTOR, MOUSE HOLE & CELLAR CONDUCTOR, MOUSE HOLE & CELLAR CONSTRUCTION SUPERVISION CASING CREW CONSTRUCTIONS CASING CREW CUBULAR INSPECTIONS CONTROLEQUIP/SERVICES CONTROL EQUIP/SERVICES CONTROL	0331.0030 0331.0040 0331.0040 0331.0040 0331.0050 0331.0055 0331.0056 0331.0057 0331.0071 0331.0073 0331.0080 0331.0090 0331.0095 0331.0095 0331.0096 0331.0016 0331.0116 0331.0120 0331.0120	0 100,000 20,000 110,000 90,000 758,000 43,000 87,000 25,000 87,000 25,000 319,000 319,000 319,000 141,000 98,000 35,000 243,000	0333.0040 0333.0055 0333.0056 0333.0059 0333.0071 0333.0073	44,000 0 4,000 0 20,000 45,000	0336.0030	5,334	0334.0040 0334.0056 0334.0059 0334.0071	5,000 0 5,000 0	13,0 105,3 20,0 110,0 153,4 758,0 43,0 64,0 30,0 87,0 45,0
ROAD/PAD CONSTRUCTION II CONDUCTOR, MOUSE HOLE & CELLAR II RIG MOBILIZE/DEMOBILIZE II DIVERVISION III DRILLING RIG III CASING CREW III VELDING/ROUSTABOUTS/LEASE CREWS IIII RIG FUEL IIII VATER & TRANSFER/TRUCKING (NOT DRLG IIIIIIIG DRILLING MUD & ADDITIVES IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	0331.0030 0331.0040 0331.0040 0331.0040 0331.0050 0331.0055 0331.0056 0331.0057 0331.0071 0331.0073 0331.0080 0331.0090 0331.0095 0331.0095 0331.0096 0331.0016 0331.0116 0331.0120 0331.0120	100,000 20,000 110,000 90,000 758,000 43,000 25,000 62,000 25,000 62,000 285,000 319,000 141,000 98,000 35,000 71,000 243,000	0333.0040 0333.0055 0333.0056 0333.0059 0333.0071 0333.0073	44,000 0 4,000 0 20,000 45,000			0334.0040 0334.0056 0334.0059 0334.0071	5,000 0 5,000 0	105,3 20,0 110,0 153,4 758,0 43,0 64,0 30,0 87,0 45,0
CONDUCTOR, MOUSE HOLE & CELLAR II RIG MOBILIZE/DEMOBILIZE II SUPERVISION II SUPERVISION II CASING CREW II TUBULAR INSPECTIONS III WEDING/ROUSTABOUTS/LEASE CREWS III RIG FUEL III WATE & TRANSFER/TRUCKING (NOT DRLG III DRILLING MUD & ADDITIVES III DRILLING MUD & ADDITIVES III DOWNHOLE RENTALS III SULIS CONTROL EQUIP/SERVICES III OTHER RIG/MISC EXPENSES III OVELL CONTROL EQUIP/SERVICES III OVERHEAD III VILD DISPOSAL LABOR/EQUIP III CONTINGENCY - DRLG, COMP, PCOM, FAC III FRAC RERE RENTAL III	0331.0031 0331.0035 0331.0050 0331.0050 0331.0050 0331.0050 0331.0050 0331.0073 0331.0080 0331.0080 0331.0080 0331.0095 0331.0095 0331.0095 0331.0116 0331.0120 0331.01120 0331.0120	20,000 110,000 90,000 758,000 43,000 25,000 87,000 25,000 62,000 285,000 319,000 141,000 98,000 35,000 71,000 243,000	0333.0055 0333.0056 0333.0059 0333.0071 0333.0073	0 4,000 0 20,000 45,000			0334.0056 0334.0059 0334.0071	0 5,000 0	20,0 110,0 153,4 758,0 43,0 64,0 30,0 87,0 45,0
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DRILLING RIG CASING CREW CASING CREW CASING CREW CHUBULAR INSPECTIONS CHUBULAR INSPECTIONS CHUBULAR INSPECTIONS CHUBULAR INSPECTIONS CHUBULAR INSPECTIONS CHUBULAR INSPER/TRUCKING (NOT DRLG CHUBULBITS CHUBULAR CHUBULAR ADDITIVES CHUBULAR CHUBURAR CHUBULAR CHUBURAR CHUBULAR CHUBURAR	0331.0050 0331.0055 0331.0059 0331.0070 0331.0071 0331.0080 0331.0080 0331.0080 0331.0080 0331.0080 0331.0097 0331.0116 0331.0120 0331.0120 0331.0125	758,000 43,000 60,000 25,000 62,000 62,000 285,000 319,000 141,000 98,000 35,000 71,000 243,000	0333.0055 0333.0056 0333.0059 0333.0071 0333.0073	0 4,000 0 20,000 45,000	0336.0040	14,400	0334.0056 0334.0059 0334.0071	0 5,000 0	758,0 43,0 64,0 30,0 87,0 45,0
CASING CREW II TUBULAR INSPECTIONS II WELDING/ROUSTABOUTS/LEASE CREWS II RIG FUEL II WATER & TRANSFER/TRUCKING (NOT DRLG II DRILLING MUD & ADDITIVES II DIRECTIONAL DRILLING SERVICES II SOURD RENTALS II SOURS CONTROL EQUIP/SERVICES II OTHER RIG/MISC EXPENSES II OTHER RIG/MISC EXPENSES II OVERHEAD II OVERHEAD II OVERHEAD II CONTINGENCY - DRLG, COMP, PCOM, FAC II FRAC TREE RENTAL	0331.0055 0331.0050 0331.0070 0331.0071 0331.0070 0331.0080 0331.0080 0331.0090 0331.0095 0331.0095 0331.0016 0331.0116 0331.0116 0331.0120 0331.0120 0331.0120	43,000 60,000 25,000 87,000 25,000 62,000 319,000 141,000 98,000 35,000 71,000 243,000	0333.0056 0333.0059 0333.0071 0333.0073 0333.0095	4,000 0 20,000 45,000			0334.0059 0334.0071	5,000 0	43,0 64,0 30,0 87,0 45,0
TUBULAR INSPECTIONS 44 WELDING/ROUSTABOUTS/LEASE CREWS 44 RIG FUEL 44 OWATER & TRANSFER/TRUCKING (NOT DRLG 44 ORILL BITS 44 ORILLING MUD & ADDITIVES 44 ORILLING MUD & ADDITIVES 44 ODOWNHOLE RENTALS 44 SOULDOWNHOLE RENTALS 44 SOULDS CONTROL EQUIP/SERVICES 44 OTHER RIG/MISC EXPENSES 44 OTHER RIG/MISC EXPENSES 44 OVERHEAD 44 OVERHE	0331.0056 0331.0070 0331.0071 0331.0080 0331.0080 0331.0080 0331.0095 0331.0096 0331.0097 0331.0116 0331.0120 0331.0120 0331.0130	60,000 25,000 87,000 25,000 285,000 319,000 141,000 98,000 35,000 71,000 243,000	0333.0056 0333.0059 0333.0071 0333.0073 0333.0095	4,000 0 20,000 45,000			0334.0059 0334.0071	5,000 0	64,0 30,0 87,0 45,0
WELDING/ROUSTABOUTS/LEASE CREWS II NRG FUEL III WATER & TRANSFER/TRUCKING (NOT DRLG IIII DRILL BITS IIII DRILLING MUD & ADDITIVES IIII DRILLING MUD & ADDITIVES IIIIIIIII DRILL BITS IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	0331.0059 0331.0073 0331.0080 0331.0080 0331.0080 0331.0095 0331.0096 0331.0096 0331.01160 0331.0120 0331.0120 0331.0120	25,000 87,000 25,000 62,000 319,000 141,000 98,000 35,000 71,000 243,000	0333.0059 0333.0071 0333.0073 0333.0095	0 20,000 45,000			0334.0059 0334.0071	5,000 0	64,0 30,0 87,0 45,0
RIG FUEL GUEL CKING (NOT DRLG CKING (NOT DRLG CKILL STS	0331.0071 0331.0080 0331.0080 0331.0090 0331.0090 0331.0097 0331.0116 0331.0120 0331.0120 0331.0142 0331.0145	25,000 87,000 25,000 62,000 319,000 141,000 98,000 35,000 71,000 243,000	0333.0071 0333.0073 0333.0095	0 20,000 45,000			0334.0071	0	30,0 87,0 45,0
RIG FUEL GUEL CKING (NOT DRLG CKING (NOT DRLG CKILL STS	0331.0071 0331.0080 0331.0080 0331.0090 0331.0090 0331.0097 0331.0116 0331.0120 0331.0120 0331.0142 0331.0145	87,000 25,000 62,000 319,000 141,000 98,000 35,000 71,000 243,000	0333.0071 0333.0073 0333.0095	0 20,000 45,000			0334.0071	0	87,0 45,0
WATER & TRANSFER/TRUCKING (NOT DRLG) DRILL BITS DRILLING MUD & ADDITIVES DIRECTIONAL DRILLING SERVICES DOWNHOLE RENTALS SURFACE RENTALS OTHER RIG/MISC EXPENSES OTHER RIG/MISC EXPENSES (OVERHEAD) CONTINGL EQUIP/SERVICES (OVERHEAD) DISPOSAL LABOR/EQUIP (CONTINGENCY - DRLG, COMP, PCOM, FAC TIMULATION FLUID FRAC TREE RENTAL	0331.0073 0331.0080 0331.0082 0331.0090 0331.0095 0331.0097 0331.0116 0331.0120 0331.0120 0331.0142 0331.0165	25,000 62,000 285,000 319,000 141,000 98,000 35,000 71,000 243,000	0333.0073 0333.0095	20,000					45,0
DRILL BITS ID DRILLING MUD & ADDITIVES ID DIRECTIONAL DRILLING SERVICES ID DURCTONAL DRILLING SERVICES ID SOUDOWNHOLE RENTALS ID SOLIDS CONTROL EQUIP/SERVICES ID PRIMARY CEMENTING ID WUL DOISPOSAL LABOR/EQUIP ID CONTINGENCY - DRLG, COMP, PCOM, FAC ID FRMULATION FLUID ID FRACT REE RENTAL ID	0331.0080 0331.0090 0331.0090 0331.0095 0331.0097 0331.0106 0331.0120 0331.0120 0331.0142 0331.0165	62,000 285,000 319,000 141,000 98,000 35,000 71,000 243,000	0333.0095	45,000			0554.0075	0	
DRILLING MUD & ADDITIVES II DIRECTIONAL DRILLING SERVICES II DOWNHOLE RENTALS III SOLIDS CONTROL EQUIP/SERVICES III SOLIDS CONTROL EQUIP/SERVICES III WELL CONTROL EQUIP/SERVICES IIII OVERHEAD IIII OVERHEAD IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	0331.0082 0331.0095 0331.0095 0331.0097 0331.0197 0331.0116 0331.0120 0331.0130 0331.0142 0331.0165	285,000 319,000 141,000 98,000 35,000 71,000 243,000							60.0
DIRECTIONAL DRILLING SERVICES (DOWNHOLE RENTALS DOWNHOLE RENTALS SOLIDS CONTROL EQUIP/SERVICES OTHER RIG/MISC EXPENSES OTHER RIG/MISC EXPENSES OVERHEAD WUD DISPOSAL LABOR/EQUIP CONTINGENCY - DRLG, COMP, PCOM, FAC STIMULATION FLUID FRAC TREE RENTAL	0331.0090 0331.0095 0331.0097 0331.0097 0331.0116 0331.0120 0331.0130 0331.0142 0331.0165	319,000 141,000 98,000 35,000 71,000 243,000							
DOWNHOLE RENTALS I SURFACE RENTALS I SOLIDS CONTROL EQUIP/SERVICES I OTHER RIG/MISC EXPENSES I PRIMARY CEMENTING I WELL CONTROL EQUIP/SERVICES I OVERHEAD I MUD DISPOSAL LABOR/EQUIP I CONTINGENCY - DRLG, COMP, PCOM, FAC I FRAUCT RE RENTAL I	0331.0095 0331.0096 0331.0097 0331.0116 0331.0120 0331.0130 0331.0142 0331.0165	141,000 98,000 35,000 71,000 243,000							285,0
SURFACE RENTALS USURFACE RENTALS USURFACE RENTALS USURFACE CONTROL EQUIP/SERVICES USURFACE CONTROL EQUIP/SERVICES USURFACE USURFA	0331.0096 0331.0097 0331.0116 0331.0120 0331.0130 0331.0142 0331.0165	98,000 35,000 71,000 243,000							319,0
SOLIDS CONTROL EQUIP/SERVICES (OTHER RIG/MISC EXPENSES (PRIMARY CEMENTING (WELL CONTROL EQUIP/SERVICES (OVERHEAD (MUD DISPOSAL LABOR/EQUIP (CONTINGENCY - DRLG, COMP, PCOM, FAC (STMULATION FLUID (FRAC TREE RENTAL (0331.0097 0331.0116 0331.0120 0331.0130 0331.0142 0331.0165	35,000 71,000 243,000	0333.0096				0334.0095	0	186,0
SOLIDS CONTROL EQUIP/SERVICES (OTHER RIG/MISC EXPENSES (PRIMARY CEMENTING (WELL CONTROL EQUIP/SERVICES (OVERHEAD (MUD DISPOSAL LABOR/EQUIP (CONTINGENCY - DRLG, COMP, PCOM, FAC (STMULATION FLUID (FRAC TREE RENTAL (0331.0097 0331.0116 0331.0120 0331.0130 0331.0142 0331.0165	35,000 71,000 243,000		130,000	0336.0096	3,333	0334.0096	60,000	291,3
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	0331.0116 0331.0120 0331.0130 0331.0142 0331.0165	71,000 243,000				5,555		,500	35,0
PRIMARY CEMENTING (WELL CONTROL EQUIP/SERVICES (OVERHEAD (MUD DISPOSAL LABOR/EQUIP (CONTINGENCY - DRLG, COMP, PCOM, FAC (STIMULATION FLUID (FRAC TREE RENTAL (0331.0120 0331.0130 0331.0142 0331.0165	243,000	0333.0116	109,000	0336.0116	14,400	0334.0116	0	194,4
WELL CONTROL EQUIP/SERVICES (OVERHEAD (MUD DISPOSAL LABOR/EQUIP (CONTINGENCY - DRLG, COMP, PCOM, FAC (TIMULATION FLUID (FRAC TREE RENTAL (0331.0130 0331.0142 0331.0165		5555.0110	109,000	5550.0110	14,400	000-0000	U	
OVERHEAD (MUD DISPOSAL LABOR/EQUIP (CONTINGENCY - DRLG, COMP, PCOM, FAC (STIMULATION FLUID FRAC TREE RENTAL	0331.0142 0331.0165		00000 00000	40000			0004.0100		243,0
MUD DISPOSAL LABOR/EQUIP (CONTINGENCY - DRLG, COMP, PCOM, FAC (STIMULATION FLUID FRAC TREE RENTAL	0331.0165	90,000	0333.0130	136,000			0334.0130	0	226,0
CONTINGENCY - DRLG, COMP, PCOM, FAC (STIMULATION FLUID FRAC TREE RENTAL		15,000	0333.0142	0	0336.0142	16,533			31,5
STIMULATION FLUID FRAC TREE RENTAL	0221 0100	125,000	0333.0165	52,000					177,0
FRAC TREE RENTAL	0531.0190	143,000	0333.0190	188,000	0336.0190	31,867	0334.0190	0	362,8
			0333.0083	155,000			0334.0083	0	155,0
			0333.0098	60,000			0334.0098	0	60,0
			0333.0102	00,000			0334.0102	30,000	30,0
BRIDGE PLUGS/FRAC PLUGS			0333.0110	40,000			0334.0110		
								0	40,0
STIMULATION/FRACTURING			0333.0135	2,481,000			0334.0135	0	2,481,0
PERFORATING & WIRELINE SERVICES			0333.0136	283,000			0334.0136	0	283,0
COMPLETION RIG/WORKOVER RIG			0333.0150	21,000			0334.0150	0	21,0
COIL TUBING SERVICES			0333.0151	168,000			0334.0151	0	168,0
SWD - PIPED TO 3RD PARTY SWD WELL							0334.0172	109,193	109,1
MECHANICAL LABOR					0336.0042	88,400			88,4
AUTOMATION LABOR					0336.0043	31,733	0334.0043	0	31,7
IPC & EXTERNAL PAINTING					0336.0106			0	
						16,400			16,4
FL/GL - ON PAD LABOR					0336.0107	84,000			84,0
FL/GL - SUPERVISION					0336.0109	11,867			11,8
SURVEY					0336.0112	1,467			1,4
CONTINGENCY - PIPELINE					0336.0191	2,000			2,0
Total Intangible Cost		2,975,000		3,946,000		321,734		212,193	7,454,9
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000			0334.0202	10,000	104,0
-	0331.0206	6,000		20,000				,	6,0
	0331.0207								
		277,000						_	277,0
	0331.0208	781,800							781,8
	0331.0211	245,000	0333.0211	0					245,0
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0			0334.0215	0	59,0
WATER STRING CASING	0331.0221	70,000							70,0
TUBING			0333.0201	276,000			0334.0201	0	276,0
SURFACE EQUIPMENT				-,			0334.0203	15,000	15,0
WELL AUTOMATION MATERIALS							0334.0329	5,000	5,0
N/C LEASE EQUIPMENT					0336.0303	00.000	0334.0323		
						90,000		0	90,0
GATHERING/FLOWLINES					0336.0315	33,733	0334.0315	0	33,7
METERING EQUIPMENT					0336.0321	16,800			16,8
LEASE AUTOMATION MATERIALS					0336.0322	30,933			30,9
PRODUCTION EQUIPMENT FREIGHT					0336.0327	10,000			10,0
FL/GL - MATERIALS					0336.0331	19,467			19,4
SHORT ORDERS					0336.0332	9,333			9,3
WALKOVERS					0336.0334	2,667			2,6
BATTERY (HTR TRTR,SEPAR,GAS T)					0336.0335				
						128,400			128,4
SECONDARY CONTAINMENTS					0336.0336	5,333			5,3
FACILITY LINE PIPE					0336.0339	11,600			11,6
Total Tangible Cost		1,494,800		314,000		358,266		30,000	2,197,0

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

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		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	0000021		10,000
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		(
RIG FUEL	0331.0071	87,000	0333.0071		(
WATER & TRANSFER/TRUCKING (NOT	0331.0073	25,000	0333.0073		20,000
DRILL BITS	0331.0080		0555.0075		20,000
		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			105,000
WELL CONTROL EQUIP/SERVICES	0331.0130		0333.0130		126.000
	0331.0130	90,000			136,000
OVERHEAD		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			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		
PERFORATING & WIRELINE SERVICES			0333.0135		2,481,000
					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	•	3.075.000			2.046.000
-	0331.0202	2,975,000	0222.0202		3,946,000
WELLHEAD EQUIPMENT SURFACE		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		10,000	0333.0201		276,000
SURFACE EQUIPMENT					210,000
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 Cost	t	1,494,800			314,000
i e can i an ignate e con					

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

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		Production Equip		Post Completion		Total
Description	Codes	Amoun	t Codes		Amount	Co
LAND/LEGAL/CURATIVE	0336.0002)			10,00
DAMAGES	0336.0005					20,00
PAD CLEANUP			0334.0024		3,000	13,00
ROAD/PAD CONSTRUCTION	0336.0030	5,334			5,000	105,33
CONDUCTOR, MOUSE HOLE & CELLAR	0330.0030	3,53*	+			
RIG MOBILIZE/DEMOBILIZE						20,00
	000000000		00010010			110,00
SUPERVISION	0336.0040	14,40	0334.0040		5,000	153,40
DRILLING RIG						758,00
CASING CREW						43,00
TUBULAR INSPECTIONS			0334.0056		0	64,00
WELDING/ROUSTABOUTS/LEASE CREWS			0334.0059		5,000	30,00
RIG FUEL			0334.0071		0	87,00
WATER & TRANSFER/TRUCKING (NOT DRLG			0334.0073		0	45,00
DRILL BITS						62,00
DRILLING MUD & ADDITIVES						285,00
DIRECTIONAL DRILLING SERVICES						
DOWNHOLE RENTALS			0004.0005			319,00
			0334.0095		0	186,00
SURFACE RENTALS	0336.0096	3,333	3 0334.0096		60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES						35,00
OTHER RIG/MISC EXPENSES	0336.0116	14,40	0334.0116		0	194,40
PRIMARY CEMENTING						243,00
WELL CONTROL EQUIP/SERVICES			0334.0130		0	226,00
OVERHEAD	0336.0142	16,53	3			31,53
MUD DISPOSAL LABOR/EQUIP						177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	31,86	7 0334.0190		0	362,86
STIMULATION FLUID	0000.0100	51,00	0334.0083		0	
						155,00
FRAC TREE RENTAL			0334.0098		0	60,00
FLOWBACK SERVICES			0334.0102		30,000	30,00
BRIDGE PLUGS/FRAC PLUGS			0334.0110		0	40,00
STIMULATION/FRACTURING			0334.0135		0	2,481,00
PERFORATING & WIRELINE SERVICES			0334.0136		0	283,00
COMPLETION RIG/WORKOVER RIG			0334.0150		0	21,00
COIL TUBING SERVICES			0334.0151		0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL			0334.0172		109,193	109,19
MECHANICAL LABOR	0336.0042	88,40			105,155	88,40
AUTOMATION LABOR	0336.0043				0	
IPC & EXTERNAL PAINTING		31,73	-		0	31,73
	0336.0106	16,40				16,40
FL/GL - ON PAD LABOR	0336.0107	84,00				84,00
FL/GL - SUPERVISION	0336.0109	11,86	7			11,86
SURVEY	0336.0112	1,46	7			1,46
CONTINGENCY - PIPELINE	0336.0191	2,000)			2,00
Total Intangible Cos	t	321,734	1		212,193	7,454,92
WELLHEAD EQUIPMENT SURFACE			0334.0202		10,000	104,00
CONDUCTOR PIPE						6,00
SURFACE CASING						277,00
INTERMEDIATE CASING I						781,80
PRODUCTION CSG/TIE BACK						
			0224.0245			245,00
PERMANENT DOWNHOLE EQUIPMENT			0334.0215		0	59,00
WATER STRING CASING						70,00
TUBING			0334.0201		0	276,00
SURFACE EQUIPMENT			0334.0203		15,000	15,00
WELL AUTOMATION MATERIALS			0334.0329		5,000	5,00
N/C LEASE EQUIPMENT	0336.0303	90,00	0334.0303		0	90,00
GATHERING/FLOWLINES	0336.0315	33,73	-		0	33,73
METERING EQUIPMENT	0336.0321	16,80	-		0	16,80
LEASE AUTOMATION MATERIALS	0336.0322	30,93				30,93
PRODUCTION EQUIPMENT FREIGHT	0336.0327	10,00				10,00
FL/GL - MATERIALS	0336.0331	19,46				19,46
SHORT ORDERS	0336.0332	9,333	3			9,33
WALKOVERS	0336.0334	2,66	7			2,66
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335	128,400				128,40
SECONDARY CONTAINMENTS	0336.0336	5,33				5,33
FACILITY LINE PIPE	0336.0339	11,60				11,60
		11,00	·			
Total Tangible Cos	+	358,26	c		30,000	2,197,06

🗘 COTERRA	Authorization For Expenditure D	rilling		AFE # 026722074
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name MIGHTY PHEASANT 5-8 FED COM 204H	Prospect	Property Number 411354282	AFE 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 Revision	2nd Bone Spring		20,320	10,320

Purpose Drill and complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible	\$2,197,066
Total Tangible Cost	\$2,197,066
Total Well Cost	\$9,651,993

Comments On Well Costs

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

Well Control Insurance

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

I elect to purchase my own well control insurance policy.

Marketing Election

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

I elect to take my gas in kind.

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

Comments on AFE

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

Nonoperator Approval					
	Company	Approved By (Print Name)	Approved By (Signature)	Date	
		Casta abauma an this forms are estimated ash. Dr. ana	tice this AFF the concertice parts economic to provide properties at		
	NOTICE TO NONOPERATOR. C	Losis snown on inis jorn are estimates only. By execu-	ting 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.				

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

AFE # 026722074

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5722074				

		lling		p/Stim		on Equip		mpletion	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							20,00
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000							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	0331.0073	25,000	0333.0073	20,000			0334.0073	0	45,00
DRILL BITS	0331.0080	62,000		20,000				0	62,00
DRILLING MUD & ADDITIVES	0331.0082								
DIRECTIONAL DRILLING SERVICES	0331.0002	285,000							285,00
		319,000	00005	15 000			0000		319,00
DOWNHOLE RENTALS	0331.0095	141,000	0333.0095	45,000			0334.0095	0	186,00
SURFACE RENTALS	0331.0096	98,000	0333.0096	130,000	0336.0096	3,333	0334.0096	60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000							35,00
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,000	0336.0116	14,400	0334.0116	0	194,40
PRIMARY CEMENTING	0331.0120	243,000							243,00
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000			0334.0130	0	226,00
OVERHEAD	0331.0142	15,000	0333.0142	0	0336.0142	16,533			31,53
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000					177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0190	143,000	0333.0190	188,000	0336.0190	31,867	0334.0190	0	362,86
STIMULATION FLUID			0333.0083	155,000			0334.0083	0	155,00
FRAC TREE RENTAL			0333.0098	60,000			0334.0098	0	60,00
FLOWBACK SERVICES			0333.0102	00,000			0334.0102	30,000	30,00
BRIDGE PLUGS/FRAC PLUGS			0333.0110	40,000			0334.0110	0	40,00
STIMULATION/FRACTURING			0333.0135				0334.0135		
PERFORATING & WIRELINE SERVICES			0333.0135	2,481,000			0334.0135	0	2,481,00
				283,000				0	283,00
COMPLETION RIG/WORKOVER RIG			0333.0150	21,000			0334.0150	0	21,00
COIL TUBING SERVICES			0333.0151	168,000			0334.0151	0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL							0334.0172	109,193	109,19
MECHANICAL LABOR					0336.0042	88,400			88,40
AUTOMATION LABOR					0336.0043	31,733	0334.0043	0	31,73
IPC & EXTERNAL PAINTING					0336.0106	16,400			16,40
FL/GL - ON PAD LABOR					0336.0107	84,000			84,00
FL/GL - SUPERVISION					0336.0109	11,867			11,86
SURVEY					0336.0112	1,467			1,46
CONTINGENCY - PIPELINE					0336.0191	2,000			2,00
Total Intangible Cost		2,975,000		3,946,000		321,734		212,193	7,454,92
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000			0334.0202	10,000	104,00
CONDUCTOR PIPE	0331.0206	6,000		50,000				10,000	6,00
SURFACE CASING	0331.0207								
INTERMEDIATE CASING I	0331.0207	277,000							277,00
		781,800	0222 0211						781,80
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	0			0224.0245	0	245,00
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0			0334.0215	0	59,00
WATER STRING CASING	0331.0221	70,000					0004		70,00
TUBING			0333.0201	276,000			0334.0201	0	276,00
SURFACE EQUIPMENT							0334.0203	15,000	15,00
WELL AUTOMATION MATERIALS							0334.0329	5,000	5,00
N/C LEASE EQUIPMENT					0336.0303	90,000	0334.0303	0	90,00
GATHERING/FLOWLINES					0336.0315	33,733	0334.0315	0	33,73
METERING EQUIPMENT					0336.0321	16,800			16,80
LEASE AUTOMATION MATERIALS					0336.0322	30,933			30,93
PRODUCTION EQUIPMENT FREIGHT					0336.0327	10,000			10,00
FL/GL - MATERIALS					0336.0331	19,467			19,46
SHORT ORDERS					0336.0332				9,33
WALKOVERS					0336.0332	9,333			
						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			11,60
Total Tangible Cost		1,494,800		314,000		358,266		30,000	2,197,06
Total Estimated Cost		4,469,800		4,260,000		680,000		242,193	9,651

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

Total Estimated Cost

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED

	Dri	lling		Comp/Stim
Description	Codes	Amount	Codes	Amour
LAND/LEGAL/CURATIVE	0331.0002	10,000		
DAMAGES	0331.0005	20,000		
AD CLEANUP	0331.0024	0	0333.0024	10,00
ROAD/PAD CONSTRUCTION	0331.0030	100,000		10,00
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	0000010	44,00
CASING CREW	0331.0055	43,000	0333.0055	
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,00
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059		0333.0059	
RIG FUEL	0331.0071	25,000	0333.0071	
		87,000		20.00
WATER & TRANSFER/TRUCKING (NOT	0331.0073	25,000	0333.0073	20,00
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	45,00
SURFACE RENTALS	0331.0096	98,000	0333.0096	130,00
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000		
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,00
PRIMARY CEMENTING	0331.0120	243,000		
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,00
OVERHEAD	0331.0142	15,000	0333.0142	
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,00
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190	143,000	0333.0190	188,00
TIMULATION FLUID			0333.0083	155,00
RAC TREE RENTAL			0333.0098	60,00
LOWBACK 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			0000.0101	100,00
VECHANICAL LABOR				
AUTOMATION LABOR				
PC & EXTERNAL PAINTING				
L/GL - ON PAD LABOR				
L/GL - SUPERVISION				
SURVEY				
CONTINGENCY - PIPELINE				
Total Intangible Cos		0.075.000		2.045.00
		2,975,000	00000	3,946,00
VELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,00
CONDUCTOR PIPE	0331.0206	6,000		
SURFACE CASING	0331.0207	277,000		
NTERMEDIATE 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	276,00
SURFACE EQUIPMENT				
WELL AUTOMATION MATERIALS				
V/C LEASE EQUIPMENT				

1,494,800

4,469,800

314,000

4,260,000

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

AFE # 026722074

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		Production Equip			Post Completion		Total
Description	Codes		Amount	Codes		Amount	Co
LAND/LEGAL/CURATIVE	0336.0002		0				10,0
DAMAGES	0336.0005		0				20,0
PAD CLEANUP			Ū	0334.0024		3,000	13,0
ROAD/PAD CONSTRUCTION	0336.0030		5,334	0001.0021		5,000	
	0330.0030		5,554				105,3
CONDUCTOR, MOUSE HOLE & CELLAR							20,0
RIG MOBILIZE/DEMOBILIZE							110,0
SUPERVISION	0336.0040		14,400	0334.0040		5,000	153,4
DRILLING RIG							758,0
CASING CREW							43,0
TUBULAR INSPECTIONS				0334.0056		0	64,0
WELDING/ROUSTABOUTS/LEASE CREWS				0334.0059		5,000	30,0
RIG FUEL				0334.0071		0	87,0
WATER & TRANSFER/TRUCKING (NOT DRLG				0334.0073		0	45,0
DRILL BITS				0001.0070		0	
							62,0
DRILLING MUD & ADDITIVES							285,0
DIRECTIONAL DRILLING SERVICES							319,0
DOWNHOLE RENTALS				0334.0095		0	186,0
SURFACE RENTALS	0336.0096		3,333	0334.0096		60,000	291,3
SOLIDS CONTROL EQUIP/SERVICES							35,0
OTHER RIG/MISC EXPENSES	0336.0116		14,400	0334.0116		0	194,4
PRIMARY CEMENTING			,			5	243,0
WELL CONTROL EQUIP/SERVICES				0334.0130		0	226,0
OVERHEAD	0336.0142		16 522			J	
	0550.0142		16,533				31,5
MUD DISPOSAL LABOR/EQUIP	00000			00010177			177,0
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190		31,867	0334.0190		0	362,8
STIMULATION FLUID				0334.0083		0	155,0
FRAC TREE RENTAL				0334.0098		0	60,0
FLOWBACK SERVICES				0334.0102		30,000	30,0
BRIDGE PLUGS/FRAC PLUGS				0334.0110		0	40,0
STIMULATION/FRACTURING				0334.0135		0	2,481,0
PERFORATING & WIRELINE SERVICES				0334.0136		0	283,0
COMPLETION RIG/WORKOVER RIG				0334.0150			
COIL TUBING SERVICES						0	21,0
				0334.0151		0	168,0
SWD - PIPED TO 3RD PARTY SWD WELL				0334.0172		109,193	109,1
MECHANICAL LABOR	0336.0042		88,400				88,4
AUTOMATION LABOR	0336.0043		31,733	0334.0043		0	31,7
IPC & EXTERNAL PAINTING	0336.0106		16,400				16,4
FL/GL - ON PAD LABOR	0336.0107		84,000				84,0
FL/GL - SUPERVISION	0336.0109		11,867				11,8
SURVEY	0336.0112						
CONTINGENCY - PIPELINE	0336.0191		1,467				1,4
			2,000				2,0
Total Intangible Co	ist		321,734			212,193	7,454,9
WELLHEAD EQUIPMENT SURFACE				0334.0202		10,000	104,0
CONDUCTOR PIPE							6,0
SURFACE CASING							277,0
INTERMEDIATE CASING I							781,8
PRODUCTION CSG/TIE BACK							245,0
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	59,0
WATER STRING CASING						U	
				0224.0201			70,0
TUBING				0334.0201		0	276,0
SURFACE EQUIPMENT				0334.0203		15,000	15,0
WELL AUTOMATION MATERIALS				0334.0329		5,000	5,0
N/C LEASE EQUIPMENT	0336.0303		90,000	0334.0303		0	90,0
GATHERING/FLOWLINES	0336.0315		33,733	0334.0315		0	33,7
METERING EQUIPMENT	0336.0321		16,800			1	16,8
LEASE AUTOMATION MATERIALS	0336.0322		30,933				30,9
PRODUCTION EQUIPMENT FREIGHT	0336.0327						
			10,000				10,0
FL/GL - MATERIALS	0336.0331		19,467				19,4
SHORT ORDERS	0336.0332		9,333				9,3
WALKOVERS	0336.0334		2,667				2,6
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335		128,400				128,4
SECONDARY CONTAINMENTS	0336.0336		5,333				5,3
FACILITY LINE PIPE	0336.0339		11,600				11,6
Total Tangible Co			358,266			30,000	2,197,0

COTERRA Authorization For Expenditure Drilling AFE # 026722061 Company Entity Date Prepared CIMAREX ENERGY CO (999901) 8/2/2023 Exploration Region Well Name Property Number AFE Prospect PERMIAN BASIN LOOSEY GOOSEY 4-9 FED COM 101H 411354301 026722061 County, State Estimated Spud Estimated Completion Location

Lea	a, NM	Section 33, Township 19 South, Range 34 East		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 complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible	\$2,197,066
Total Tangible Cost	\$2,197,066

Total Well Cost

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.

\$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.

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								

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

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

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		lling		p/Stim	Production	on Equip	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		,		,		0,000	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		0333.0073				0334.0073		45,000
DRILL BITS		25,000	0333.0073	20,000			0334.0073	0	
DRILLING MUD & ADDITIVES	0331.0080	62,000							62,000
	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	203,000
COIL TUBING SERVICES			0333.0151				0334.0150	0	
SWD - PIPED TO 3RD PARTY SWD WELL			0333.0131	168,000			0334.0151		168,000
MECHANICAL LABOR					0336.0042	00.400	0334.0172	109,193	109,193
						88,400	00010		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		0				Ű	70,000
TUBING		10,000	0333.0201	276,000			0334.0201	0	276,000
SURFACE EQUIPMENT			2333.0201	210,000			0334.0203	15,000	
WELL AUTOMATION MATERIALS							0334.0205		15,000
N/C LEASE EQUIPMENT					0226 0202	00.005	0334.0329	5,000	5,000
					0336.0303	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		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

SHORT ORDERS WALKOVERS

BATTERY (HTR TRTR, SEPAR, GAS T) SECONDARY CONTAINMENTS FACILITY LINE PIPE

Total Tangible Cost

Total Estimated Cost

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED

		Drilling		Comp/Stim
Description	Codes	Amount	Codes	Amount
AND/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
FUBULAR 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		150,000
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,000
PRIMARY CEMENTING	0331.0120	243,000		109,000
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	0551.0150	145,000	0333.0083	
FRAC TREE RENTAL			0333.0098	155,000 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				
PC & 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		
NTERMEDIATE 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				
L/GL - MATERIALS				
C OE MATERIAES				

1,494,800

4,469,800

314,000

4,260,000

COM 101H

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		Production Equip		Post Completion		Total
Description	Codes	Amour	nt Codes		Amount	Cos
LAND/LEGAL/CURATIVE	0336.0002		0			10,00
DAMAGES	0336.0005		0			20,00
PAD CLEANUP			0334.0024		3,000	13,00
ROAD/PAD CONSTRUCTION	0336.0030	5,33			3,000	105,334
CONDUCTOR, MOUSE HOLE & CELLAR	0550.0050	5,55	4			
						20,000
RIG MOBILIZE/DEMOBILIZE	000000000					110,000
SUPERVISION	0336.0040	14,40	0 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					0	62,000
DRILLING MUD & ADDITIVES						
DIRECTIONAL DRILLING SERVICES						285,000
			000 4 0005			319,000
DOWNHOLE RENTALS			0334.0095		0	186,000
SURFACE RENTALS	0336.0096	3,33	3 0334.0096		60,000	291,333
SOLIDS CONTROL EQUIP/SERVICES						35,000
OTHER RIG/MISC EXPENSES	0336.0116	14,40	0 0334.0116		0	194,400
PRIMARY CEMENTING						243,000
WELL CONTROL EQUIP/SERVICES			0334.0130		0	226,000
OVERHEAD	0336.0142	16,53	3			31,533
MUD DISPOSAL LABOR/EQUIP			-			177,000
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	31,86	7 0334.0190		0	
STIMULATION FLUID	0330.0130	51,00	0334.0083			362,867
					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	00.40			109,195	
AUTOMATION LABOR		88,40				88,400
	0336.0043	31,73			0	31,733
IPC & EXTERNAL PAINTING	0336.0106	16,40				16,400
FL/GL - ON PAD LABOR	0336.0107	84,00	0			84,000
FL/GL - SUPERVISION	0336.0109	11,86	7			11,867
SURVEY	0336.0112	1,46	7			1,467
CONTINGENCY - PIPELINE	0336.0191	2,00	0			2,000
Total Intangible Cos	t	321,73			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	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	90,00			0	90,000
GATHERING/FLOWLINES	0336.0315					
		33,73			0	33,733
METERING EQUIPMENT	0336.0321	16,80				16,800
LEASE AUTOMATION MATERIALS	0336.0322	30,93				30,933
PRODUCTION EQUIPMENT FREIGHT	0336.0327	10,00				10,000
FL/GL - MATERIALS	0336.0331	19,46	7			19,467
SHORT ORDERS	0336.0332	9,33	3			9,333
WALKOVERS	0336.0334	2,66				2,667
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335	128,40				128,400
SECONDARY CONTAINMENTS	0336.0336	5,33				5,333
FACILITY LINE PIPE	0336.0339					
		11,60				11,600
Total Tangible Cos		358,26			30,000	2,197,066
Total Estimated Cost		680,00	0		242,193	9,651,993

COTERRA Authorization For Expenditure Drilling AFE # PAF0000106 Company Entity Date Prepared CIMAREX ENERGY CO (999901) 8/2/2023 Exploration Region Well Name Property Number AFE Prospect PERMIAN BASIN LOOSEY GOOSEY 4-9 FED COM 212H 411504574 PAF0000106 County, 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	BONE SPRING		19,600	10,000
	Revision				

Purpose Loosey Goosey 4-9 Fed Com 212H

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible Tangible	Cost \$2,197,066

Total Well Cost \$9.651.993

Comments On Well Costs

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

Well Control Insurance

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

I elect to purchase my own well control insurance policy.

Marketing Election

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

I elect to take my gas in kind.

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

Comments on AFE

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

Nonoperator Approval								
Company	Approved By (Print Name)	Approved By (Signature)	Date					
NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate								

share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement. 8/2/2023

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

AFE # PAF0000106

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		illing		p/Stim	Productio		Post Corr		Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Co
LAND/LEGAL/CURATIVE	0331.0002	10,000			0336.0002	0			10,0
DAMAGES	0331.0005	20,000			0336.0005	0			20,0
PAD CLEANUP	0331.0024	0	0333.0024	10,000			0334.0024	3,000	13,0
ROAD/PAD CONSTRUCTION	0331.0030	100,000			0336.0030	5,334			105,3
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000							20,0
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000							110,0
SUPERVISION	0331.0040	90,000	0333.0040	44,000	0336.0040	14,400	0334.0040	5,000	153,4
DRILLING RIG	0331.0050		0000.0010	44,000	0550.0010	14,400	000010	3,000	
CASING CREW		758,000	0222.0055	0					758,0
	0331.0055	43,000	0333.0055	0					43,0
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000			0334.0056	0	64,0
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	0			0334.0059	5,000	30,0
RIG FUEL	0331.0071	87,000	0333.0071	0			0334.0071	0	87,0
WATER & TRANSFER/TRUCKING (NOT DRLG	0331.0073	25,000	0333.0073	20,000			0334.0073	0	45,0
DRILL BITS	0331.0080	62,000							62,0
DRILLING MUD & ADDITIVES	0331.0082	285,000							285,0
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000							319,0
DOWNHOLE RENTALS	0331.0095	141,000	0333.0095	45,000			0334.0095	0	186,0
					00000	0.000			
	0331.0096	98,000	0333.0096	130,000	0336.0096	3,333	0334.0096	60,000	291,3
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000							35,0
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,000	0336.0116	14,400	0334.0116	0	194,4
PRIMARY CEMENTING	0331.0120	243,000							243,0
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000			0334.0130	0	226,0
OVERHEAD	0331.0142	15,000	0333.0142	0	0336.0142	16,533			31,5
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000					177,0
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0190	143,000	0333.0190	188,000	0336.0190	31,867	0334.0190	0	362,8
STIMULATION FLUID		143,000	0333.0083	155,000		51,007	0334.0083	0	
FRAC TREE RENTAL							0334.0098		155,0
			0333.0098	60,000				0	60,0
FLOWBACK SERVICES			0333.0102	0			0334.0102	30,000	30,0
BRIDGE PLUGS/FRAC PLUGS			0333.0110	40,000			0334.0110	0	40,0
STIMULATION/FRACTURING			0333.0135	2,481,000			0334.0135	0	2,481,0
PERFORATING & WIRELINE SERVICES			0333.0136	283,000			0334.0136	0	283,0
COMPLETION RIG/WORKOVER RIG			0333.0150	21,000			0334.0150	0	21,0
COIL TUBING SERVICES			0333.0151	168,000			0334.0151	0	168,0
SWD - PIPED TO 3RD PARTY SWD WELL				,			0334.0172	109,193	109,1
MECHANICAL LABOR					0336.0042	88,400		105,155	88,4
AUTOMATION LABOR					0336.0043		0334.0043	0	
						31,733	0334.0043	0	31,7
IPC & EXTERNAL PAINTING					0336.0106	16,400			16,4
FL/GL - ON PAD LABOR					0336.0107	84,000			84,0
FL/GL - SUPERVISION					0336.0109	11,867			11,8
SURVEY					0336.0112	1,467			1,4
CONTINGENCY - PIPELINE					0336.0191	2,000			2,0
Total Intangible Cost		2,975,000		3,946,000		321,734		212,193	7,454,9
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000		1.1.1	0334.0202	10,000	104,0
CONDUCTOR PIPE	0331.0206	6,000		50,000				,	6,0
SURFACE CASING	0331.0200								
		277,000							277,0
INTERMEDIATE CASING I	0331.0208	781,800							781,8
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	0					245,0
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0			0334.0215	0	59,0
WATER STRING CASING	0331.0221	70,000							70,0
TUBING			0333.0201	276,000			0334.0201	0	276,0
SURFACE EQUIPMENT							0334.0203	15,000	15,0
WELL AUTOMATION MATERIALS							0334.0329	5,000	5,0
N/C LEASE EQUIPMENT					0336.0303	90,000	0334.0303	0	
GATHERING/FLOWLINES					0336.0305		0334.0305		90,0
						33,733	0004.0010	0	33,7
METERING EQUIPMENT					0336.0321	16,800			16,8
LEASE AUTOMATION MATERIALS					0336.0322	30,933			30,9
PRODUCTION EQUIPMENT FREIGHT					0336.0327	10,000			10,0
FL/GL - MATERIALS					0336.0331	19,467			19,4
SHORT ORDERS					0336.0332	9,333			9,3
WALKOVERS					0336.0334	2,667			2,6
BATTERY (HTR TRTR,SEPAR,GAS T)					0336.0335	128,400			128,4
SECONDARY CONTAINMENTS					0336.0336				
						5,333			5,3
FACILITY LINE PIPE					0336.0339	11,600			11,6
Total Tangible Cost		1,494,800		314,000		358,266		30,000	2,197,0
Total Estimated Cost		4,469,800		4,260,000		680,000		242,193	9,651

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

AFE # PAF0000106

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0100				

		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		10,00
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			1,000
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			0333.0071		(
	0331.0073		87,000			(
WATER & TRANSFER/TRUCKING (NOT			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		(
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	0551.0150		145,000	0333.0083		
				0333.0098		155,000
FRAC TREE RENTAL						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 Cost			2,975,000			3,946,000
WELLHEAD EQUIPMENT SURFACE	0331.0202		56,000	0333.0202		38,000
CONDUCTOR PIPE	0331.0206		6,000			
SURFACE CASING	0331.0207		277,000			
INTERMEDIATE CASING I	0331.0208		781,800			
PRODUCTION CSG/TIE BACK	0331.0211		245,000	0333.0211		
PERMANENT DOWNHOLE EQUIPMENT	0331.0215		59,000	0333.0215		
WATER STRING CASING	0331.0221		70,000			
TUBING			. 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 Cost			1,494,800			314,000
Total Estimated Cost			4,469,800			4,260,000

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

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		Production Equip			Post Completion		Total
Description	Codes		Amount	Codes		Amount	Cos
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			5,554				20,000
RIG MOBILIZE/DEMOBILIZE							
SUPERVISION	0336.0040			0334.0040			110,000
	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						0	62,000
DRILLING MUD & ADDITIVES			_			_	
DIRECTIONAL DRILLING SERVICES							285,000
							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			0	31,533
	0330.0142		10,555				
MUD DISPOSAL LABOR/EQUIP	000000000			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			040.400	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						0	
TUBING				0334.0201		0	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
Total Tangible Cost			358,266			30,000	2,197,066

COTERRAAuthorization For ExpenditureDrillingAFE # 026722056Company EntityDate PreparedCIMAREX ENERGY CO (999901)8/2/2023

Exploration Region PERMIAN BASIN	5		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 complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible	\$2,197,066
rangible	

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						

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

SHORT ORDERS

FACILITY LINE PIPE

BATTERY (HTR TRTR, SEPAR, GAS T)

Total Tangible Cost

Total Estimated Cost

1,494,800

4,469,800

SECONDARY CONTAINMENTS

WALKOVERS

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED

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.

Description Codes Amount Codes Cods Codes <thcodes< th=""> <thco< th=""><th>Amount 3,000 5,000 0 5,000 0 0</th><th>Cos 10,00 20,00 110,33 20,00 110,00 153,40 153,40 43,00 64,00 30,00 87,00 45,00</th></thco<></thcodes<>	Amount 3,000 5,000 0 5,000 0 0	Cos 10,00 20,00 110,33 20,00 110,00 153,40 153,40 43,00 64,00 30,00 87,00 45,00
DAMAGES 0331.0005 20,000 0333.0024 00336.0055 0 PAD CLEANUP 0331.0024 00 0333.0024 10,000 0336.0030 5,334 0334.0024 0 ROAD/PAD CONSTRUCTION 0331.0030 100,000 0330.0024 0336.0030 5,334 034.0024 0 RIG MOBILIZE/DEMOBILIZE 0331.0030 110,000 0333.0040 44,000 0336.0040 14,400 0334.0040 0 SUPFERVISION 0331.0050 758,000 0333.0055 0 1 0 0 0334.0054 0 0334.0056 0 0 0334.0056 0 0 0334.0056 0 0 0334.0056 0 0 0 0344.0056 0	5,000 0 5,000 0	20,00 13,00 105,33 20,00 110,00 153,40 758,00 43,00 64,00 30,00 87,00
DAMAGES 0331.0005 031.0004 020,000 0336.005 00 034.0024 VAD CLEANUP 0331.0024 030 0336.0024 10,000 0336.003 0336.0024 0	5,000 0 5,000 0	13,00 105,33 20,00 110,00 153,40 758,00 43,00 64,00 30,00 87,00
PAD CLEANUP 0331.0024 0 0333.0024 10,000 0 0334.0024 0334.0024 NOAD/PAD CONSTRUCTION 0331.003 100,000 0 0336.0030 5,334 0 CODUCTOR, MOUSE HOLE & CELLAR 0331.0031 20,000 0 0336.0030 5,334 0 NG MOBILIZ/DEMOBILIZE 0331.0035 110,000 0333.0040 44,000 036.0040 14,400 0334.0040 0334.0050 0334.0050 0334.0050 0334.0050 0334.0050 0334.0050 0334.0050 0334.0051 0334.0051 0334.0051 0334.0051 0334.0051	5,000 0 5,000 0	13,00 105,33 20,00 110,00 153,40 758,00 43,00 64,00 30,00 87,00
NOAD/PAD CONSTRUCTION 0331.0030 100,000 100,000 0.000 </td <td>5,000 0 5,000 0</td> <td>105,33 20,00 110,00 153,40 758,00 43,00 64,00 30,00 87,00</td>	5,000 0 5,000 0	105,33 20,00 110,00 153,40 758,00 43,00 64,00 30,00 87,00
CONDUCTOR, MOUSE HOLE & CELLAR 0331.0031 20,000 All	0 5,000 0	20,00 110,00 153,40 758,00 43,00 64,00 30,00 87,00
Rig MoBilLZe/DEMOBILIZE 033.0035 110,000 Addition Additio	0 5,000 0	110,00 153,40 758,00 43,00 64,00 30,00 87,00
UPERVISION 0331.0040 90,000 0333.0040 44,000 0336.0040 14,400 0334.0040 DRILLING RIG 0331.0050 758,000 0333.0055 0 1	0 5,000 0	153,40 758,00 43,00 64,00 30,00 87,00
DRILLING RIG 0331.0050 7758,000 7758,000 7758,000 CASING CREW 0331.0055 43,000 0333.0055 0 0 0 0 0 0334.0056 0	0 5,000 0	758,00 43,00 64,00 30,00 87,00
CASING CREW 033.0055 43.000 0333.0055 0 TUBULAR INSPECTIONS 033.0056 60,000 0333.0056 4,000 0334.0056 WELDING/ROUSTABOUTS/LEASE CREWS 0331.0057 25,000 0333.0059 0 0334.0059 NG FUEL 0331.0071 87,000 0333.0071 0 0334.0071 WATER & TRANSFER/TRUCKING (NOT DRLG 0331.0073 25,000 0333.0073 20,000 0334.0071 DRILL BITS 0331.008 62,000 140,000	5,000 0	43,00 64,00 30,00 87,00
TUBULAR INSPECTIONS 033.0056 60,000 0333.0056 4,000 0334.0056 WELDING/ROUSTABOUTS/LEASE CREWS 0331.0059 25,000 0333.0059 0 0334.0059 RIG FUEL 0331.0071 87,000 0333.0071 0 0334.0071 WATER & TRANSFER/TRUCKING (NOT DRLG 0331.0073 25,000 0333.0073 20,000 0334.0073 DRILL BITS 0331.0080 62,000 62,000 10 0344.0073	5,000 0	64,00 30,00 87,00
WELDING/ROUSTABOUTS/LEASE CREWS 0331.0059 25,000 0333.0059 0 0334.0059 RIG FUEL 0331.0071 0 0334.0071 0 0334.0071 WATER & TRANSFER/TRUCKING (NOT DRLG 0331.0073 25,000 0333.0073 20,000 0334.0073 DRILL BITS 0331.0080 62,000	5,000 0	30,00 87,00
RIG FUEL 0331.0071 87,000 0333.0071 0 0334.0071 WATER & TRANSFER/TRUCKING (NOT DRLG 0331.0073 25,000 0333.0073 20,000 0334.0073 DRILL BITS 0331.008 62,000	0	87,00
WATER & TRANSFER/TRUCKING (NOT DRLG 0331.0073 25,000 0333.0073 20,000 0334.0073 DRILL BITS 0331.0080 62,000 0334.0073		
DRILL BITS 0331.0080 62,000	0	45,00
DRILLING MUD & ADDITIVES 0331.0082 205.000		62,00
205,000 205,000		285,00
DIRECTIONAL DRILLING SERVICES 0331.0090 319,000		319,00
DOWNHOLE RENTALS 0331.0095 141,000 0333.0095 45,000 0334.0095	0	186,00
SURFACE RENTALS 0331.0096 98,000 0333.0096 130,000 0336.0096 3,333 0334.0096	60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES 0331.0097 35,000		35,00
DTHER RIG/MISC EXPENSES 0331.0116 71.000 0333.0116 109.000 0336.0116 14.400 0334.0116	0	194,40
PRIMARY CEMENTING 0331.0120 243,000		243,00
WELL CONTROL EQUIP/SERVICES 0331.0130 90,000 0333.0130 136,000 0334.0130	0	226,00
DVERHEAD 0331.0142 15,000 0333.0142 0 0336.0142 16,533	0	31,53
MUD DISPOSAL LABOR/EQUIP 0331.0165 125.000 0333.0165 52.000		
	0	177,00
	0	362,86
155,000	0	155,00
	0	60,00
FLOWBACK SERVICES 0333.0102 0 0334.0102	30,000	30,00
BRIDGE PLUGS/FRAC PLUGS 0333.0110 40,000 0334.0110	0	40,00
STIMULATION/FRACTURING 0333.0135 2,481,000 0334.0135	0	2,481,00
PPERFORATING & WIRELINE SERVICES 0333.0136 283,000 0334.0136	0	283,00
COMPLETION RIG/WORKOVER RIG 0333.0150 21,000 0334.0150	0	21,00
COLL TUBING SERVICES 0333.0151 168,000 0334.0151	0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL 0334.0172	109,193	109,19
MECHANICAL LABOR 0336.0042 88,400		88,40
AUTOMATION LABOR 0336.0043 31,733 0334.0043	0	31,73
PC & EXTERNAL PAINTING 0336.0106 16,400		16,40
L/GL - ON PAD LABOR 0336.0107 84,000		84,00
L/GL - SUPERVISION 0336.0109 11,867		11,86
SURVEY 0336.0112 1,467		1,46
CONTINGENCY - PIPELINE 0336.0191 2,000		2,00
Total Intangible Cost 2,975,000 3,946,000 321,734	212,193	7,454,92
	10,000	
50,000	10,000	104,00
-/		6,00
SURFACE CASING 0331.0207 277,000		277,00
NTERMEDIATE CASING I 0331.0208 781,800		781,80
PRODUCTION CSG/TIE BACK 0331.0211 245,000 0333.0211 0		245,00
DERMANENT DOWNHOLE EQUIPMENT 0331.0215 59,000 0333.0215 0 0334.0215	0	59,00
VATER STRING CASING 0331.0221 70,000		70,00
UBING 0333.0201 276,000 0334.0201	0	276,00
JURFACE EQUIPMENT 0334.0203	15,000	15,00
VELL AUTOMATION MATERIALS 0334.0329	5,000	5,00
V/C LEASE EQUIPMENT 0336.0303 90,000 0334.0303	0	90,00
SATHERING/FLOWLINES 0336.0315 33,733 0334.0315	0	33,73
METERING EQUIPMENT 0336.0321 16,800		16,80
EASE AUTOMATION MATERIALS 0336.0322 30,933		30,93
PRODUCTION EQUIPMENT FREIGHT 0336.0327 10,000		10,00
L/GL - MATERIALS 0336.0331 19,467		19,46
SUGRI ORDERS 0332 9 233		0.22

0336.0332

0336.0334

0336.0335

0336.0336

0336.0339

314,000

4,260,000

9.333

2,667

5,333

11,600

358,266

680,000

128,400

9.333

2,667

5,333

11,600

2,197,066

9,651,993

30,000

242,193

128,400

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED

COM 104H

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CO	M 104H				
		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			44,000
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		
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		
PERFORATING & WIRELINE SERVICES	_		0333.0135		2,481,000
COMPLETION RIG/WORKOVER RIG					283,000
			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	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		0555.0215		0
TUBING	0331.0221	70,000	0333.0201		276.000
			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	ct	1 404 000			214.000
		1,494,800 4,469,800			314,000 4,260,000
Total Estimated Cos					

COM 104H

AFE # 026722056

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		Production Equip		Post Completion		Total
Description	Codes	Amoun	t Codes		Amount	Co
LAND/LEGAL/CURATIVE	0336.0002					10,00
DAMAGES	0336.0005					20,00
PAD CLEANUP			0334.0024		2 000	
ROAD/PAD CONSTRUCTION	0336.0030	5.22			3,000	13,00
	0550.0050	5,334	+			105,33
CONDUCTOR, MOUSE HOLE & CELLAR						20,00
RIG MOBILIZE/DEMOBILIZE						110,00
SUPERVISION	0336.0040	14,40	0334.0040		5,000	153,40
DRILLING RIG						758,00
CASING CREW						43,00
TUBULAR INSPECTIONS			0334.0056		0	64,00
WELDING/ROUSTABOUTS/LEASE CREWS			0334.0059		5,000	30,00
RIG FUEL			0334.0071		0	87,00
WATER & TRANSFER/TRUCKING (NOT DRLG			0334.0073		0	45,00
DRILL BITS			0001.0070		0	
						62,00
DRILLING MUD & ADDITIVES						285,00
DIRECTIONAL DRILLING SERVICES						319,00
DOWNHOLE RENTALS			0334.0095		0	186,00
SURFACE RENTALS	0336.0096	3,333	3 0334.0096		60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES						35,00
OTHER RIG/MISC EXPENSES	0336.0116	14,40	0334.0116		0	194,40
PRIMARY CEMENTING		1.17.05			5	243,00
WELL CONTROL EQUIP/SERVICES			0334.0130		0	226,00
OVERHEAD	0336.0142	16,53			0	31,53
	0330.0142	10,55.				
MUD DISPOSAL LABOR/EQUIP						177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	31,86			0	362,86
STIMULATION FLUID			0334.0083		0	155,00
FRAC TREE RENTAL			0334.0098		0	60,00
FLOWBACK SERVICES			0334.0102		30,000	30,00
BRIDGE PLUGS/FRAC PLUGS			0334.0110		0	40,00
STIMULATION/FRACTURING			0334.0135		0	2,481,00
PERFORATING & WIRELINE SERVICES			0334.0136		0	283,00
COMPLETION RIG/WORKOVER RIG			0334.0150		0	
COIL TUBING SERVICES			0334.0150			21,00
					0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL			0334.0172		109,193	109,193
MECHANICAL LABOR	0336.0042	88,40				88,40
AUTOMATION LABOR	0336.0043	31,73	3 0334.0043		0	31,73
IPC & EXTERNAL PAINTING	0336.0106	16,40)			16,40
FL/GL - ON PAD LABOR	0336.0107	84,00)			84,00
FL/GL - SUPERVISION	0336.0109	11,86				11,86
SURVEY	0336.0112	1,46				1,46
CONTINGENCY - PIPELINE	0336.0191					
Total Intangible Cos		2,00			242.402	2,00
		321,734			212,193	7,454,92
WELLHEAD EQUIPMENT SURFACE			0334.0202		10,000	104,00
CONDUCTOR PIPE						6,00
SURFACE CASING						277,00
INTERMEDIATE CASING I						781,80
PRODUCTION CSG/TIE BACK						245,00
PERMANENT DOWNHOLE EQUIPMENT			0334.0215		0	59,00
WATER STRING CASING					0	
TUBING			0224 0201			70,00
			0334.0201		0	276,00
SURFACE EQUIPMENT			0334.0203		15,000	15,00
WELL AUTOMATION MATERIALS			0334.0329		5,000	5,00
N/C LEASE EQUIPMENT	0336.0303	90,00			0	90,00
GATHERING/FLOWLINES	0336.0315	33,73	3 0334.0315		0	33,73
METERING EQUIPMENT	0336.0321	16,80	0			16,80
LEASE AUTOMATION MATERIALS	0336.0322	30,93				30,93
PRODUCTION EQUIPMENT FREIGHT	0336.0327	10,00				10,00
FL/GL - MATERIALS	0336.0331					
		19,46				19,46
SHORT ORDERS	0336.0332	9,33				9,33
WALKOVERS	0336.0334	2,66				2,66
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335	128,400)			128,40
SECONDARY CONTAINMENTS	0336.0336	5,333	3			5,333
FACILITY LINE PIPE	0336.0339	11,60				11,60
Total Tangible Cos		358,26			30,000	2,197,06

🗘 COTERRA	Authorization For Expenditure	Drilling		AFE # 026722072
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	MIGHTY PHEASANT 5-8 FED COM 202H		411354284	026722072
County, State	Location		Estimated Spud	Estimated Completion
Lea, NM	Section 5, Township 20 South, Range	34 East, Lea County, NM	5/27/2024	
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
Supplement Revision	2nd Bone Spring		20,320	10,320

Purpose Drill and complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible	\$2,197,066
Total Tangible Cost	\$2,197,066
Total Well Cost	\$9,651,993

Comments On Well Costs

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

Well Control Insurance

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

I elect to purchase my own well control insurance policy.

Marketing Election

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

I elect to take my gas in kind.

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

Comments on AFE

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

	Nonoperator Approval					
	Company	Approved By (Print Name)	Approved By (Signature)	Date		
		Costs shown on this form are actimated only. By availy	ting this AEE the concenting party agrees to pay its proportionate			
	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.						

COM 202H

	Page 87 of 125
AFE # 026722072	

	Dri	lling	Com	o/Stim	Producti	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							20,00
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000							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		44,000		14,400		5,000	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	0331.0050		0333.0050				0334.0059	-	
	0331.0033	25,000	0333.0033	0				5,000	30,00
RIG FUEL		87,000		0			0334.0071	0	87,00
WATER & TRANSFER/TRUCKING (NOT DRLG	0331.0073	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							285,00
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000							319,00
DOWNHOLE RENTALS	0331.0095	141,000	0333.0095	45,000			0334.0095	0	186,00
SURFACE RENTALS	0331.0096	98,000	0333.0096	130,000	0336.0096	3,333	0334.0096	60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000							35,00
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,000	0336.0116	14,400	0334.0116	0	194,40
PRIMARY CEMENTING	0331.0120	243,000				,		Ŭ	243,00
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000			0334.0130	0	226,00
OVERHEAD	0331.0130	15,000	0333.0130	0	0336.0142	16,533	555 1.0150	0	31,53
MUD DISPOSAL LABOR/EQUIP	0331.0142		0333.0165		0550.0142	10,355			
		125,000		52,000	00000 0100		0334.0190		177,000
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0190	143,000	0333.0190	188,000	0336.0190	31,867		0	362,86
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				
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		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				210,000			0334.0203	15,000	15,000
WELL AUTOMATION MATERIALS							0334.0203	5,000	
					0226 0202	00.005	0334.0329		5,000
N/C LEASE EQUIPMENT					0336.0303	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			19,46
SHORT ORDERS					0336.0332	9,333			9,333
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			5,333
					0336.0339	11,600			11,60
						11,000			11,600
FACILITY LINE PIPE Total Tangible Cost		1,494,800		314,000		358,266		30,000	2,197,066

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED

COM 202H

CO	M 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		
			0222.0040	
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	0331.0097	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	0331.0130		0333.0130	136,000
		15,000		C
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	
PERFORATING & WIRELINE SERVICES				2,481,000
			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	0000000000	
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	C
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	C
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
		4,469,800		

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED

AFE # 026722072

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		Production Equip			Post Completion		Total
Description	Codes		Amount	Codes		Amount	Co
LAND/LEGAL/CURATIVE	0336.0002		0				10,00
DAMAGES	0336.0005		0				20,00
PAD CLEANUP			-	0334.0024		3,000	13,00
ROAD/PAD CONSTRUCTION	0336.0030		5,334			5,000	105,33
CONDUCTOR, MOUSE HOLE & CELLAR			5,551				20,00
RIG MOBILIZE/DEMOBILIZE							110,00
SUPERVISION	0336.0040		14,400	0334.0040		5,000	
DRILLING RIG	000010		14,400	00010010		3,000	153,40
CASING CREW							758,00
TUBULAR INSPECTIONS				0334.0056		0	43,00
WELDING/ROUSTABOUTS/LEASE CREWS						0	64,00
				0334.0059		5,000	30,00
RIG FUEL				0334.0071		0	87,00
WATER & TRANSFER/TRUCKING (NOT DRLG				0334.0073		0	45,00
DRILL BITS							62,00
DRILLING MUD & ADDITIVES							285,00
DIRECTIONAL DRILLING SERVICES							319,00
DOWNHOLE RENTALS				0334.0095		0	186,00
SURFACE RENTALS	0336.0096		3,333	0334.0096		60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES							35,00
OTHER RIG/MISC EXPENSES	0336.0116		14,400	0334.0116		0	194,40
PRIMARY CEMENTING							243,00
WELL CONTROL EQUIP/SERVICES				0334.0130		0	226,00
OVERHEAD	0336.0142		16,533			0	31,53
MUD DISPOSAL LABOR/EQUIP	0000.0112		10,555				177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190		31,867	0334.0190		0	
	0330.0150		51,007			0	362,86
STIMULATION FLUID				0334.0083		0	155,00
FRAC TREE RENTAL				0334.0098		0	60,00
FLOWBACK SERVICES				0334.0102		30,000	30,00
BRIDGE PLUGS/FRAC PLUGS				0334.0110		0	40,00
STIMULATION/FRACTURING				0334.0135		0	2,481,00
PERFORATING & WIRELINE SERVICES				0334.0136		0	283,00
COMPLETION RIG/WORKOVER RIG				0334.0150		0	21,00
COIL TUBING SERVICES				0334.0151		0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL				0334.0172		109,193	109,19
MECHANICAL LABOR	0336.0042		88,400				88,40
AUTOMATION LABOR	0336.0043		31,733	0334.0043		0	31,73
IPC & EXTERNAL PAINTING	0336.0106		16,400				16,40
FL/GL - ON PAD LABOR	0336.0107		84,000				84,00
FL/GL - SUPERVISION	0336.0109						
SURVEY	0336.0112		11,867				11,86
			1,467				1,46
CONTINGENCY - PIPELINE	0336.0191		2,000				2,00
Total Intangible Co	OST		321,734			212,193	7,454,92
WELLHEAD EQUIPMENT SURFACE				0334.0202		10,000	104,00
CONDUCTOR PIPE							6,00
SURFACE CASING							277,00
INTERMEDIATE CASING I							781,80
PRODUCTION CSG/TIE BACK							245,00
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	59,00
WATER STRING CASING							70,00
TUBING				0334.0201		0	276,00
SURFACE EQUIPMENT				0334.0203		15,000	15,00
WELL AUTOMATION MATERIALS				0334.0329		5,000	5,00
	0336.0303		00.000				
			90,000	0334.0303 0334.0315		0	90,00
GATHERING/FLOWLINES	0336.0315		33,733	0534.0315		0	33,73
METERING EQUIPMENT	0336.0321		16,800				16,80
LEASE AUTOMATION MATERIALS	0336.0322		30,933				30,93
PRODUCTION EQUIPMENT FREIGHT	0336.0327		10,000				10,00
FL/GL - MATERIALS	0336.0331		19,467				19,46
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				11,60
Total Tangible Co			358,266			30,000	2,197,06
rotal rangible ce			530,200			50,000	2,171,00

AFE # 026722058 Date Prepared

COTERRA Authorization For Expenditure Drilling

CIMAREX ENERGY CO (999901)			8/2/2023	
Exploration Region	Well Name	Prospect	Property Number	AFE	
PERMIAN BASIN	LOOSEY GOOSEY 4-9 FED COM 204H		411354294	026722058	
County, State	Location		Estimated Spud	Estimated Completior	
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	

Purpose Drill and complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible	\$2,197,066
rangible	

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								

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

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

AFE # 026722058

Page	91	of 125

		illing		o/Stim	Production			mpletion	Total
Description	Codes	Amount	Codes	Amount	Codes	Amount	Codes	Amount	Co
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				5,554			20,00
RIG MOBILIZE/DEMOBILIZE	0331.0035								
		110,000	00000.00.00		000000000				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	0331.0073	25,000	0333.0073				0334.0073	0	
			0333.0075	20,000			0554.0075	0	45,00
DRILL BITS	0331.0080	62,000							62,00
DRILLING MUD & ADDITIVES	0331.0082	285,000							285,00
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000							319,00
DOWNHOLE RENTALS	0331.0095	141,000	0333.0095	45,000			0334.0095	0	186,00
SURFACE RENTALS	0331.0096	98,000	0333.0096	130,000	0336.0096	3,333	0334.0096	60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000		,		2,225		/	35,00
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,000	0336.0116	14,400	0334.0116	0	194,40
PRIMARY CEMENTING	0331.0110		5555.0110	109,000	5550.0110	14,400	3334.0110	U	
		243,000	0000 0475						243,00
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000			0334.0130	0	226,00
OVERHEAD	0331.0142	15,000	0333.0142	0	0336.0142	16,533			31,53
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000					177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0190	143,000	0333.0190	188,000	0336.0190	31,867	0334.0190	0	362,86
STIMULATION FLUID			0333.0083	155,000			0334.0083	0	155,00
FRAC TREE RENTAL			0333.0098	60,000			0334.0098	0	60,00
FLOWBACK SERVICES			0333.0102				0334.0102		
				0				30,000	30,00
BRIDGE PLUGS/FRAC PLUGS			0333.0110	40,000			0334.0110	0	40,00
STIMULATION/FRACTURING			0333.0135	2,481,000			0334.0135	0	2,481,00
PERFORATING & WIRELINE SERVICES			0333.0136	283,000			0334.0136	0	283,00
COMPLETION RIG/WORKOVER RIG			0333.0150	21,000			0334.0150	0	21,00
COIL TUBING SERVICES			0333.0151	168,000			0334.0151	0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL				,			0334.0172	109,193	109,19
MECHANICAL LABOR					0336.0042	88,400		105,155	88,40
AUTOMATION LABOR							0334.0043		
					0336.0043	31,733	0554.0045	0	31,73
IPC & EXTERNAL PAINTING					0336.0106	16,400			16,40
FL/GL - ON PAD LABOR					0336.0107	84,000			84,00
FL/GL - SUPERVISION					0336.0109	11,867			11,86
SURVEY					0336.0112	1,467			1,46
CONTINGENCY - PIPELINE					0336.0191	2,000			2,00
Total Intangible Cost		2,975,000		3,946,000		321,734		212,193	7,454,92
			0222.0202			J21,7 J4	0224 0202		
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000			0334.0202	10,000	104,00
CONDUCTOR PIPE	0331.0206	6,000							6,00
SURFACE CASING	0331.0207	277,000							277,00
INTERMEDIATE CASING I	0331.0208	781,800							781,80
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	0					245,00
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0			0334.0215	0	59,00
WATER STRING CASING	0331.0221	70,000		Ū				Ű	70,00
TUBING	000 1.022 I	70,000	0333.0201	276.000			0334.0201	0	
			0000.0201	276,000				0	276,00
SURFACE EQUIPMENT							0334.0203	15,000	15,00
WELL AUTOMATION MATERIALS							0334.0329	5,000	5,00
N/C LEASE EQUIPMENT					0336.0303	90,000	0334.0303	0	90,00
GATHERING/FLOWLINES					0336.0315	33,733	0334.0315	0	33,73
METERING EQUIPMENT					0336.0321	16,800			16,80
LEASE AUTOMATION MATERIALS					0336.0322	30,933			30,93
PRODUCTION EQUIPMENT FREIGHT					0336.0327				
						10,000			10,00
FL/GL - MATERIALS					0336.0331	19,467			19,46
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				
		1.40.1.007		711005	3330.0333	11,600		20.000	11,60
Total Tangible Cost		1,494,800		314,000		358,266		30,000	2,197,06
Total Estimated Cost		4,469,800		4,260,000		680,000		242,193	9,651,99

Description LAND/LEGAL/CURATIVE DAMAGES

ROAD/PAD CONSTRUCTION

CONDUCTOR, MOUSE HOLE & CELLAR

PAD CLEANUP

COLUCIENTIA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED

Drilling

Amount

10,000 20,000

100,000

20,000

Codes

0 0333.0024

COM 204H

Codes 0331.0002 0331.0005

0331.0024

0331.0030

DSEY 4-9 FEI	C	AFE # 026722058
Comp/Stim		
	Amount	
	10,000	
	44,000	
	0	
	4,000	
	0	
	0	

Total Tangible Co	st	1,494,800		314,000
FACILITY LINE PIPE				
SECONDARY CONTAINMENTS				
BATTERY (HTR TRTR, SEPAR, GAS T)				
WALKOVERS				
FL/GL - MATERIALS SHORT ORDERS				
PRODUCTION EQUIPMENT FREIGHT FL/GL - MATERIALS				
LEASE AUTOMATION MATERIALS				
METERING EQUIPMENT				
GATHERING/FLOWLINES				
N/C LEASE EQUIPMENT				
WELL AUTOMATION MATERIALS				
SURFACE EQUIPMENT				
TUBING			0333.0201	276,000
WATER STRING CASING	0331.0221	70,000		
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	0
INTERMEDIATE CASING I	0331.0208	781,800		
SURFACE CASING	0331.0207	277,000		
CONDUCTOR PIPE	0331.0206	6,000		
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000
Total Intangible Co	st	2,975,000		3,946,000
CONTINGENCY - PIPELINE				
SURVEY				
FL/GL - SUPERVISION				
FL/GL - ON PAD LABOR				
IPC & EXTERNAL PAINTING				
AUTOMATION LABOR				
MECHANICAL LABOR				
SWD - PIPED TO 3RD PARTY SWD WELL				
COIL TUBING SERVICES			0333.0151	168,000
COMPLETION RIG/WORKOVER RIG			0333.0150	21,000
PERFORATING & WIRELINE SERVICES			0333.0136	283,000
STIMULATION/FRACTURING			0333.0135	2,481,000
BRIDGE PLUGS/FRAC PLUGS			0333.0110	40,000
FLOWBACK SERVICES			0333.0102	C
FRAC TREE RENTAL			0333.0098	60,000
STIMULATION FLUID		.,,	0333.0083	155,000
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190	143,000	0333.0190	188,000
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000
OVERHEAD	0331.0142	15,000	0333.0142	0
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000
PRIMARY CEMENTING	0331.0120	243,000		. 35,000
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116	109,000
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000		150,000
SURFACE RENTALS	0331.0096	98,000	0333.0095	130,000
DOWNHOLE RENTALS	0331.0095	319,000 141,000	0333.0095	45,000
DIRECTIONAL DRILLING SERVICES	0331.0090	285,000		
DRILL BITS DRILLING MUD & ADDITIVES	0331.0080	62,000		
WATER & TRANSFER/TRUCKING (NOT DRILL BITS	0331.0073 0331.0080	25,000	0333.0073	20,000
RIG FUEL	0331.0071	87,000	0333.0071	0
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	0
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000
CASING CREW	0331.0055	43,000		0
DRILLING RIG	0331.0050	758,000	0000 0055	
SUPERVISION	0331.0040	90,000	0333.0040	44,000
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000		
	0001.0001	20,000		

Description LAND/LEGAL/CURATIVE DAMAGES

COTERRA Authorization For Expenditure - L COM 204H

Codes 0336.0002 0336.0005

Production Equip

LOOSEY GOOSEY 4-9 FED		FED	AFE # 026722058				
			Post Comple	tion		Total	
	Amount	Codes			Amount	Cost	
	0					10,000	
	0					20,000	
		0334.0024			3,000	13,000	
	5,334					105,334	
						20,000	
						110,000	
	14,400	0334.0040			5,000	153,400	
						758,000	
						43,000	
		0334.0056			0	64,000	
		0334.0059			5,000	30,000	
		0334.0071			0	87,000	
		0334.0073			0	45,000	
						62,000	
						285,000	
						319,000	
		0334.0095			0	186,000	

	3.				
Total Tangible Cos		358,266		30,000	2,197,066
FACILITY LINE PIPE	0336.0339	11,600			11,600
SECONDARY CONTAINMENTS	0336.0336	5,333			5,333
BATTERY (HTR TRTR, SEPAR, GAS T)	0336.0335	128,400			128,400
WALKOVERS	0336.0334	2,667			2,667
SHORT ORDERS	0336.0332	9,333			9,333
FL/GL - MATERIALS	0336.0331	19,467			19,467
PRODUCTION EQUIPMENT FREIGHT	0336.0327	10,000			10,000
LEASE AUTOMATION MATERIALS	0336.0321	16,800 30,933			16,800 30,933
METERING EQUIPMENT	0336.0315	33,733	0554.0515	0	33,733
N/C LEASE EQUIPMENT GATHERING/FLOWLINES	0336.0303 0336.0315	90,000	0334.0303 0334.0315	0	90,000
	0226 0202	00.000	0334.0329	5,000	5,000
			0334.0203	15,000	15,000
			0334.0201	0	276,000
WATER STRING CASING			0224.0201		70,000
			0534.0215	0	59,000
PRODUCTION CSG/TIE BACK PERMANENT DOWNHOLE EQUIPMENT			0334.0215		245,000
INTERMEDIATE CASING I PRODUCTION CSG/TIE BACK					781,800
					277,000
SURFACE CASING					6,000
CONDUCTOR PIPE			0554.0202	10,000	104,000
WELLHEAD EQUIPMENT SURFACE	24	321,734	0334.0202	212,193	7,454,927
Total Intangible Cos		2,000		212.102	2,000
SURVEY CONTINGENCY - PIPELINE	0336.0112 0336.0191	1,467			1,467
		11,867			11,867
FL/GL - ON PAD LABOR FL/GL - SUPERVISION	0336.0107 0336.0109	84,000			84,000
FL/GL - ON PAD LABOR		16,400			16,400
IPC & EXTERNAL PAINTING	0336.0106	31,733	0354.0045	0	31,733
AUTOMATION LABOR	0336.0042	88,400	0334.0043		88,400
MECHANICAL LABOR	0336.0042	00.400	0554.0172	109,193	109,193
SWD - PIPED TO 3RD PARTY SWD WELL			0334.0151		168,000
COMPLETION RIG/WORKOVER RIG			0334.0150	0	21,000
COMPLETION RIG/WORKOVER RIG			0334.0150		
PERFORATING & WIRELINE SERVICES			0334.0135	0	2,481,000
STIMULATION/FRACTURING			0334.0110	0	2,481,000
BRIDGE PLUGS/FRAC PLUGS			0334.0102	0	40,000
FLOWBACK SERVICES			0334.0102	30,000	30,000
FRAC TREE RENTAL			0334.0098	0	60,000
STIMULATION FLUID		51,001	0334.0083	0	155,000
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	31,867	0334.0190	0	362,867
MUD DISPOSAL LABOR/EQUIP					177,000
OVERHEAD	0336.0142	16,533			31,533
WELL CONTROL EQUIP/SERVICES			0334.0130	0	226,000
PRIMARY CEMENTING		,			243,000
OTHER RIG/MISC EXPENSES	0336.0116	14,400	0334.0116	0	194,400
SOLIDS CONTROL EQUIP/SERVICES		-,			35,000
SURFACE RENTALS	0336.0096	3,333	0334.0096	60,000	291,333
DOWNHOLE RENTALS			0334.0095	0	186,000
DIRECTIONAL DRILLING SERVICES					319,000
DRILLING MUD & ADDITIVES					285,000
DRILL BITS				0	45,000
WATER & TRANSFER/TRUCKING (NOT DRLG			0334.0073	0	45,000
RIG FUEL			0334.0071	3,000	87,000
WELDING/ROUSTABOUTS/LEASE CREWS			0334.0059	5,000	30,000
TUBULAR INSPECTIONS			0334.0056	0	64,000
CASING CREW					43,000
DRILLING RIG	0550.0040	14,400	0334.0040	5,000	153,400 758,000
SUPERVISION	0336.0040	14,400	0334.0040	F 000	
RIG MOBILIZE/DEMOBILIZE					20,000
ROAD/PAD CONSTRUCTION CONDUCTOR, MOUSE HOLE & CELLAR	0556.0050	5,334			105,334
PAD CLEANUP	0336.0030	5.224	0334.0024	3,000	13,000
	0330.0003	0	00004.00004	2.000	20,000

🔿 COTERRA	Authorization For Expenditure D	rilling		AFE # 026722067
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	MIGHTY PHEASANT 5-8 FED COM 101H		411354289	026722067
County, State	Location		Estimated Spud	Estimated Completion
Lea, NM	Section 5, Township 20 South, Range 34	East, Lea County, NM	5/27/2024	
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
Supplement Revision	1ST BONE SPRING		19,515	9,515

Purpose Drill and complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible	\$2,197,066
Total Tangible Cost	\$2,197,066
Total Well Cost	\$9,651,993

Comments On Well Costs

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			
		Casta abauma an this forms are estimated ash. Dr. ana	tice this AFF the concertice parts econes to pay its properties at				
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 COM 101H

5-8 FED)	AF	E # 026722067
Post Con	npletion	Total	
Codes	Amount	Cost	
		10,000	
		20,000	

		illing		p/Stim		on Equip	Post Cor		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		0555.0075	20,000			0334.0073	0	
DRILLING MUD & ADDITIVES	0331.0080	62,000							62,000
		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	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				0334.0135	0	2,481,000
PERFORATING & WIRELINE SERVICES			0333.0135	2,481,000			0334.0135		
COMPLETION RIG/WORKOVER RIG			0333.0150	283,000			0334.0150	0	283,000
COMPLETION RIG/WORKOVER RIG			0333.0150	21,000			0334.0150	0	21,000
			0333.0151	168,000				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		0333.0211	0			0334.0215	0	
		59,000	0333.0213	0			0334.0213	0	59,000
WATER STRING CASING	0331.0221	70,000	0222.0205	070.000			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	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
Total Tangible Cost		1 40 4 6 6 6		214,000	0000.0005	11,600		20.000	11,600
		1,494,800		314,000	<u> </u>	358,266	ļļ	30,000	2,197,066
Total Estimated Cost		4,469,800		4,260,000		680,000		242,193	9,651,993

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COM 101H

AFE # 026722067

Page	96	of 125

0	M 101H			
		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	0000.0010	44,000
CASING CREW	0331.0055		0333.0055	
		43,000		(
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
SURFACE RENTALS	0331.0096	141,000	0333.0096	45,000
		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		0333.0190	188,000
	0551.0150	143,000		
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			00001011	100,000
MECHANICAL LABOR				
AUTOMATION LABOR				
IPC & EXTERNAL PAINTING				
FL/GL - ON PAD LABOR				
FL/GL - SUPERVISION				
SURVEY				
CONTINGENCY - PIPELINE				
Total Intangible Cos		3.075.000		2.046.000
		2,975,000	0222.0202	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	000 HOLET	10,000	0333.0201	276.000
			0555.0201	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
				4,260,000
Total Estimated Cost		4,469,800		4 ZhU 000

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AFE # 026722067

Page	97	of 12	25

		Production Equip			Post Completion		Total
Description	Codes		Amount	Codes		Amount	Co
LAND/LEGAL/CURATIVE	0336.0002		0				10,00
DAMAGES	0336.0005		0				20,00
PAD CLEANUP				0334.0024		3,000	13,00
ROAD/PAD CONSTRUCTION	0336.0030		5,334			5,000	105,33
CONDUCTOR, MOUSE HOLE & CELLAR	000000		5,554				
							20,00
RIG MOBILIZE/DEMOBILIZE	0000 00 10			00010010			110,00
SUPERVISION	0336.0040		14,400	0334.0040		5,000	153,40
DRILLING RIG							758,00
CASING CREW							43,00
TUBULAR INSPECTIONS				0334.0056		0	64,00
WELDING/ROUSTABOUTS/LEASE CREWS				0334.0059		5,000	30,00
RIG FUEL				0334.0071		0	87,00
WATER & TRANSFER/TRUCKING (NOT DRLG				0334.0073		0	45,00
DRILL BITS						0	62,00
DRILLING MUD & ADDITIVES						_	
							285,00
DIRECTIONAL DRILLING SERVICES							319,00
DOWNHOLE RENTALS				0334.0095		0	186,00
SURFACE RENTALS	0336.0096		3,333	0334.0096		60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES							35,00
OTHER RIG/MISC EXPENSES	0336.0116		14,400	0334.0116		0	194,40
PRIMARY CEMENTING							243,00
WELL CONTROL EQUIP/SERVICES				0334.0130		0	226,00
OVERHEAD	0336.0142		16,533			0	
	0330.0142		10,533				31,53
MUD DISPOSAL LABOR/EQUIP	000000000			000101			177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190		31,867	0334.0190		0	362,86
STIMULATION FLUID				0334.0083		0	155,00
FRAC TREE RENTAL				0334.0098		0	60,00
FLOWBACK SERVICES				0334.0102		30,000	30,00
BRIDGE PLUGS/FRAC PLUGS				0334.0110		0	40,00
STIMULATION/FRACTURING				0334.0135		0	2,481,00
PERFORATING & WIRELINE SERVICES				0334.0136		0	
				0334.0150			283,00
COMPLETION RIG/WORKOVER RIG						0	21,00
COIL TUBING SERVICES				0334.0151		0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL				0334.0172		109,193	109,19
MECHANICAL LABOR	0336.0042		88,400				88,40
AUTOMATION LABOR	0336.0043		31,733	0334.0043		0	31,73
IPC & EXTERNAL PAINTING	0336.0106		16,400				16,40
FL/GL - ON PAD LABOR	0336.0107		84,000				84,00
FL/GL - SUPERVISION	0336.0109		11,867				11,86
SURVEY	0336.0112						
			1,467				1,46
CONTINGENCY - PIPELINE	0336.0191		2,000				2,00
Total Intangible Cost			321,734			212,193	7,454,92
WELLHEAD EQUIPMENT SURFACE				0334.0202		10,000	104,00
CONDUCTOR PIPE							6,00
SURFACE CASING							277,00
INTERMEDIATE CASING I							781,80
PRODUCTION CSG/TIE BACK							
				0224.0245			245,00
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	59,00
WATER STRING CASING							70,00
TUBING				0334.0201		0	276,00
SURFACE EQUIPMENT				0334.0203		15,000	15,00
WELL AUTOMATION MATERIALS				0334.0329		5,000	5,00
N/C LEASE EQUIPMENT	0336.0303		90,000	0334.0303		0	90,00
GATHERING/FLOWLINES	0336.0315		33,733	0334.0315		0	
	0336.0321					0	33,73
METERING EQUIPMENT			16,800				16,80
LEASE AUTOMATION MATERIALS	0336.0322		30,933				30,93
PRODUCTION EQUIPMENT FREIGHT	0336.0327		10,000				10,00
FL/GL - MATERIALS	0336.0331		19,467				19,46
SHORT ORDERS	0336.0332		9,333				9,33
WALKOVERS	0336.0334		2,667				2,6
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				11,60
Total Tangible Cost			358,266			30,000	2,197,06
Total Estimated Cost			680,000			242,193	9,651,99

COTERRA Authorization For Expenditure Drilling AFE # 026722065 Company Entity Date Prepared CIMAREX ENERGY CO (999901) 8/2/2023

	oration Region MIAN BASIN	Well Name LOOSEY GOOSEY 4-9 FED COM 301H	Prospect	Property Number 411354293	AFE 026722065
Cour Lea,	nty, State NM	Location Section 33, Township 19 South, Range 34 East		Estimated Spud 5/27/2024	Estimated Completion
5	New Supplement Revision	Formation 3rd Bone Spring	Well Type	Ttl Measured Depth 20,850	Ttl Vetical Depth 10,850

Purpose Drill and complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,866,618
Total Intangible Cost	\$7,841,618
Tangible	Cost
Tangible Tangible	Cost \$2,780,375

Total Well Cost \$10,621,993

Comments On Well Costs

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

Well Control Insurance

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

I elect to purchase my own well control insurance policy.

Marketing Election

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

I elect to take my gas in kind.

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

Comments on AFE

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

Nonoperator Approval						
Company	Approved By (Print Name)	Approved By (Signature)	Date			
NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate						

share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement. 8/2/2023

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

JANDAGES 0311000 0310			illing		p/Stim		ion Equip		mpletion	Total
DAMAGESData Data DATA <b< th=""><th>Description</th><th>Codes</th><th></th><th>Codes</th><th>Amount</th><th></th><th></th><th>Codes</th><th>Amount</th><th>Cost</th></b<>	Description	Codes		Codes	Amount			Codes	Amount	Cost
Decl CLAMP ONITON ONITON ONITON ONITON ONITO										10,000
DRAMPA CONSTRUCTION 031300 100.00 100.00 100.00 <			20,000			0336.0005	2,056			22,056
CONDUCTOR CONTROL			0	0333.0024	10,000			0334.0024	3,000	13,000
Disk Deck Disk Disk Disk Disk Disk Disk Disk Dis			100,000			0336.0030	34,883			134,883
Supersonom 001000 00000 0010		0331.0031	20,000							20,000
pallulas ing Bit loss Distance			110,000							110,000
CANNE CRW 0310055 0.000 03.0005 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000	SUPERVISION	0331.0040	90,000	0333.0040	44,000	0336.0040	18,928	0334.0040	5,000	157,928
TUPULAR MONCTONES CD1009 S2000 S3000 CD CD S30005 S000 S30005 S3000 S30005 S3000 S30005 S30005 <td>DRILLING RIG</td> <td>0331.0050</td> <td>758,000</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>758,000</td>	DRILLING RIG	0331.0050	758,000							758,000
NUCLIMAGNOSTABUNSLASSE BILLING Distance	CASING CREW	0331.0055	43,000	0333.0055	0					43,000
Bic FLL 031007 8 700 031007 0 0 0 0.1007 <t< td=""><td>TUBULAR INSPECTIONS</td><td>0331.0056</td><td>60,000</td><td>0333.0056</td><td>4,000</td><td></td><td></td><td>0334.0056</td><td>0</td><td>64,000</td></t<>	TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000			0334.0056	0	64,000
WATER ATMAGERY FUNCING MOT DING 0330073 22000 0330073 22000 0330073 02000 033007	WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	0			0334.0059	5,000	30,000
MATER ATMASER/FUNCING OF DIELG 033007 22000 033007 22000 C 0 034007 035007	RIG FUEL	0331.0071	87,000	0333.0071	0			0334.0071	0	87,000
Dinkles Hirs So Gallons Work Solutions Starwards Gallons Work Solutions <thg< td=""><td>WATER & TRANSFER/TRUCKING (NOT DRLG</td><td>0331.0073</td><td></td><td>0333.0073</td><td>20,000</td><td></td><td></td><td>0334.0073</td><td>0</td><td>45,000</td></thg<>	WATER & TRANSFER/TRUCKING (NOT DRLG	0331.0073		0333.0073	20,000			0334.0073	0	45,000
DIRLING MUD & ADDITIVES DISTA SERUIT NUMBER NUMBER NUMBER NUMBER	DRILL BITS	0331.0080			.,					62,000
DIRECTONAL DIRLING SERVICES 031000 319000 031005 45,000 0334005 040,000 0334005 0,000 0334005 0,000 0334005 0,000 0334005 0,000 0334005 0,000 0334005 0,000 0334005 0,000 0334005 0,000 0334005 0,000 0334016 0,000 0334016 0,000 0334016 0,000 0334016 0,000 0334016 0,000	DRILLING MUD & ADDITIVES	0331.0082								285,000
DOWMEND ENTRALS 0310095 14100 0330095 43000 030006 2,2001 0330006 60,000 2300 SCHAR ENTRALS 0310097 33000 7100 333010 100 033000 22,001 033010 22,001 033010 22,001 033010 22,001 033010 22,001 033010 22,001 033010 03000 22,001 033010 22,001 033010 100,000 22,001 033010 00 22,001 033010 100,000 22,001 033010 100,000 030,000 02,000 030,000 02,000 030,000 02,000 030,000 02,000 030,000	DIRECTIONAL DRILLING SERVICES									319,000
SuprAC ENTRALS 031.0005 99.000 033.0005 130.000 033.0005 20.00 034.0005 043.0005 043.0005 033.0016 033.0016 033.0016 033.0016 033.0016 033.0016 033.0016 033.0016 033.0016 033.0016 033.0016 033.0016 033.0017 033.0016 033.0017 033.0016 033.0017				0333.0095	45 000			0334.0095	0	186,000
SCUDE CONTROL FOUNDES 031007 35.000 00000 033.001 00000 033.001 00000 033.001 00000 033.001 00000 033.001 00000 033.001 00000 033.001 00000 033.001 00000 033.001 00000 033.001 00000 033.001 00000 033.001 00000 033.001 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 00000 000000 000000 000000 0000000000 000000000000000000000000000000000000						0336.0096	2 001			290,001
OHHER BLANCE DEPINES 0310116 71,00 033.0116 01000 033.0116 02.02 MARLAY CLAMPING 031.0130 90,00 033.0130 156.00 27.312 - - 22.4 VIEL COMPSEINCES 031.0131 1500 033.0142 0 033.0142 0 033.0140 17.0 033.0140 0.0 03.0140 0.0				000000	130,000	0550.0050	2,001	0001.00000	00,000	35,000
pmmArk consisting 231002 243000 Constant Constant <thconstant< th=""></thconstant<>				0333.0116	100.000	0336.0116	22 714	0334.0116	0	
WALL CONFIDE COUPSELVACES 0310103 103000 0330104 00 0350142 27 10 032 MUD DIROPAL LABOR/FOUP 0331016 115000 0333016 52.000 0350102 0350103 0350010 0350010 0350010 035008 0350010 035008 0350010 035008 0350010 035008 0350010 035008 0350010 <t< td=""><td></td><td></td><td></td><td>5555.0110</td><td>109,000</td><td>5555.0110</td><td>22,114</td><td>555-.0110</td><td>0</td><td>202,714 243,000</td></t<>				5555.0110	109,000	5555.0110	22,114	555 - .0110	0	202,714 243,000
OVERHEAD 0351042 17,000 033.0142 27,312 Image: Constraints of the constraint				0222.0120	126.000			0224.0120	0	
Nub DROSAL LAGAR-GUIP 631095 14300 53200 5200						0226 0142	27.240	0554.0130	0	226,000
CONTINGENCY - DRIG, COMP, PCOM, FAC 03310190 143,000 033.0080 105,000 034.0080 00 043.008 STIMULATION FLUID 0 033.0080 155,000 0 034.0082 00 034.008 00 060 RUMARCK SERVICS 0 0 033.0010 400 033.0010 0 033.0010 0 033.0010 0 033.0010 0 033.0010 0 033.0010 0 0 033.0010 0						0336.0142	27,312			42,312
SIMULATION FLUID IC 033.0083 055.000 IC 033.0083 055.000 PRACTREE RENA IC 033.0080 60.000 IC 033.0010 0 033.0010 0 033.0010 0 033.0010 0 033.0010 0 0 033.0010 0										177,000
PRACTRE ENTAL COM 033.0098 COM 033.0098 COM 033.0098 COM 030.000 0.000 <		0331.0190	143,000			0336.0190	107,462			438,462
PLOWBACK SERVICES IC 0333010 40,000 IC 0334010 00 030 000 000 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>155,000</td>										155,000
BIDDE PLUGS/FRAC PLUGS Image: Control of the problem of										60,000
STIMULTION/FRACTURING ICH 033.013 2,481,000 ICH 033.0135 2,481,000 ICH 033.0135 0 223.020 PERFORATING & WRELING SERVICES ICH 033.0150 168,000 ICH 033.0150 0 033.0175 0 033.0175 0 033.0175 0 033.0175 0 033.0175 0 033.0175 0 033.0175 0 033.0175 0 033.0175 0 033.0175 0 033.0175 0 0 033.0175 0 033.0175 0 0 033.0107 011.172 0 0 0 0										30,000
perpertorative & vineture services oral of all					40,000				0	40,000
COMPLETION NIG/WORKOVER RIG IC IC </td <td> ,</td> <td></td> <td></td> <td>0333.0135</td> <td>2,481,000</td> <td></td> <td></td> <td>0334.0135</td> <td>0</td> <td>2,481,000</td>	,			0333.0135	2,481,000			0334.0135	0	2,481,000
COLL DBING SERVICES Inc. Inc. </td <td>PERFORATING & WIRELINE SERVICES</td> <td></td> <td></td> <td>0333.0136</td> <td>283,000</td> <td></td> <td></td> <td>0334.0136</td> <td>0</td> <td>283,000</td>	PERFORATING & WIRELINE SERVICES			0333.0136	283,000			0334.0136	0	283,000
SWD - PIPED TO 3RD PARTY SWD WELL Inc.	COMPLETION RIG/WORKOVER RIG			0333.0150	21,000			0334.0150	0	21,000
MECHANICAL LABOR Image: Construct Section Sect				0333.0151	168,000			0334.0151	0	168,000
AUTOMATION LABOR Image: Contract of the strenul PAINTING	SWD - PIPED TO 3RD PARTY SWD WELL							0334.0172	109,193	109,193
PC & EXTERNAL PAINTING Image: mark of the state of the s	MECHANICAL LABOR					0336.0042	150,727			150,727
FL/GL - ON PAD LABOR ICH ICH <thich< th=""> ICH <thich< th=""></thich<></thich<>	AUTOMATION LABOR					0336.0043	44,672	0334.0043	0	44,672
FL/GL - LABOR Image: Construct of the sector o	IPC & EXTERNAL PAINTING					0336.0106	12,277			12,277
FLIGL - SUPERVISION Inc. Inc. </td <td>FL/GL - ON PAD LABOR</td> <td></td> <td></td> <td></td> <td></td> <td>0336.0107</td> <td>101,729</td> <td></td> <td></td> <td>101,729</td>	FL/GL - ON PAD LABOR					0336.0107	101,729			101,729
SURVEY SURVEY<	FL/GL - LABOR					0336.0108	56,083			56,083
SURVEY Image: Survey of the surv	FL/GL - SUPERVISION					0336.0109				10,816
ALD IN CONSTRUCT/3RD PARTY CONNECT Image: Construct/3RD PARTY CONNECT	SURVEY					0336.0112				5,246
CONTINGENCY - PIPELINE Image: Margine	AID IN CONSTRUCT/3RD PARTY CONNECT									75,716
Total Intangible Cost 2,975,000 3,946,000 708,425 212,193 7,841 WELLHEAD EQUIPMENT SURFACE 0331,0202 56,000 0333,0202 38,000 0 0334,0202 10,000 104, CONDUCTOR IPPE 0331,0206 6,000 0 0 0 0 0 0 0 0 0 0 6,0 0	CONTINGENCY - PIPELINE					0336.0191				35,803
WELLHEAD EQUIPMENT SURFACE 0331 0202 56,000 0333 0202 38,000 0 0334 0202 10,000 104, CONDUCTOR PIPE 0331 0207 277,000 6,600 277, SURFACE CASING 0331 0207 277,000 6,600 277, INTERMEDIATE CASING I 0331 0207 277,000 277, INTERMEDIATE CASING I 0331 021 245,000 0333.0215 0 0334.0215 0 295,000 VATER STRING CASING 0331 021 70,000 0334.0203 15,000 70,000 70,000 034.0203 15,000 15,000 034.0203 0 15,000 15,000 034.0203 10,000 034.0203 0 15,000 034.0203 0 15,000 15,000 034.0203 0 15,000 034.0203 0 15,000 034.0203 0 15,000 034.0203	Total Intangible Cost		2.975.000		3.946.000				212.193	7,841,618
CONDUCTOR PIPE 0331 0206 6,000 Image: constraint of co		0331 0202		0333.0202			100,120	0334 0202		104,000
SURFACE CASING 0331.0207 277,000 Autor Autor </td <td></td> <td></td> <td></td> <td></td> <td>50,000</td> <td></td> <td></td> <td></td> <td>10,000</td> <td>6,000</td>					50,000				10,000	6,000
INTERNEDIATE CASING I 0331.0208 781,800 Image: Constraint of Constra constraint of Constraint of Constraint of Constraint of										277,000
PRODUCTION CSG/TIE BACK 0331.0211 245,000 0333.0211 0 Image: Constraint of the consoftene constraint of the constraint of the constraint o										
PERMANENT DOWNHOLE EQUIPMENT 0331.0215 59,000 0333.0215 0 <th< td=""><td></td><td></td><td></td><td>0222 0211</td><td>0</td><td></td><td></td><td></td><td></td><td></td></th<>				0222 0211	0					
WATER STRING CASING 0331.0221 70,000 0333.0201 276,000 Image: Constraint of the string c					-			0224 0215	0	245,000
TUBING OB33.0201 276,000 M 033.0201 033.0301 0 015.000 033.0301 0 015.000 033.0301 0 016.00 GATHERING/FLOWLINES Image: Common Markenials				5555.0215	0			JJJ-1.021J	0	59,000
SURFACE EQUIPMENT Image: Control of the state of the sta		0331.0221	70,000	0222.0204	276.000			0224 0201	0	70,000
Well AUTOMATION MATERIALS Image: Margin Material Material Margin Material Margin				0333.0201	276,000					276,000
N/C LEASE EQUIPMENT 0336.030 157,110 0334.0303 0 157,170 GATHERING/FLOWLINES 0336.0315 160,409 0334.0315 0 160, TANKS, STEPS, STAIRS 0336.0317 74,039 74, 74, METERING EQUIPMENT 0336.0321 24,445 24, 24, LEASE AUTOMATION MATERIALS 0336.0322 24,970 45, 45, FACILITY ELECTRICAL 0336.0327 23,256 23, 24, PODUCTION EQUIPMENT FREIGHT 0336.0327 23,256 23, 24, FACILITY ELECTRICAL 0336.0323 4,326 4,45, 4,45, PODUCTION EQUIPMENT FREIGHT 0336.0331 19,956 23,33, 33,585 24,445 SHORT ORDERS 0336.0332 4,326 4,45, 4,45, 4,45, PUMPS 0336.0333 33,585 33,33, 33,585 33,33,333 33,585 33,33,33,33,33,33,33,33,33,33,33,33,33,										15,000
GATHERING/FLOWLINES 0 0336.0315 160,409 0334.0315 0 160,007 TANKS, STEPS, STAIRS 0 0336.0317 74,039 0 74, METERING/FLOWLINET 0336.0321 24,445 0 24,445 24,445 LASEA AUTOMATION MATERIALS 0336.0322 24,455 0 345,970 0 45,570 FACILITY ELECTRICAL 0336.0321 24,645 0 336,0321 24,970 0 66,64 PRODUCTION EQUIPMENT FREIGHT 0 0336.0321 19,956 23,256 23,358 24,325 FL/GL - MATERIALS 0336.0331 19,956 0 33,33,585 33,33,585 33,33,585 33,33,585 33,33,585 33,33,585 33,33,585 33,33,585 33,33,585 33,40,00 9,90 9						0000 0000				5,000
TANKS, STEPS, STAIRS Image: Stairs of the stair of										157,110
METERING EQUIPMENT 0 0336.0321 24,445 0.4 LEASE AUTOMATION MATERIALS 0336.0322 45,970 45,970 45,970 FACILITY ELECTRICAL 0336.0324 66,034 66,034 66,034 66,034 66,034 66,034 66,034 66,034 66,034 66,034 66,034 66,034 66,034 19,956 23,036,0322 23,256 23,036,0323 24,326 64,90 91,955 19,956 19,956 19,956 19,956 19,956 19,956 19,956 19,956 19,956 14,99,956 19,956 19,956 19,956 19,956 14,99,96 14,99,96 33,60333 33,585 33,368 34,30 34								0334.0315	0	160,409
LEASE AUTOMATION MATERIALS Image: mark of the state of t										74,039
FACILITY ELECTRICAL Image: Constraint of the										24,445
PRODUCTION EQUIPMENT FREIGHT 03360327 23,256 24,28 24,28 24,28 24,28 24,240 24,000 24,020 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,024 24,024 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,028 24,024 24,029 24,024										45,970
FL/GL - MATERIALS 0 0336.0331 19,956 0 19,956 SHORT ORDERS 0336.0332 4,326 0 4,426 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>66,034</td> <td></td> <td></td> <td>66,034</td>							66,034			66,034
SHORT ORDERS 03360332 4,326 0.4 PUMPS 03360333 33,585 33,3 WALKOVERS 03360333 33,6490 6,90 BATTERY (HTR TRT,SEPAR,GAS T) 03360335 240,288 240,088 SECONDARY CONTAINMENTS 03360337 45,430 45,430 OVERHEAD POWER DISTR (TO FACILITY) 03360338 324 9,90 FELECOMMUNICATION EQUIPMENT 03360339 30,070 45,30 FACILITY LINE PIPE 03360339 30,070 30,000 Total Tangible Cost 1,494,800 314,000 941,575 30,000 2,780	PRODUCTION EQUIPMENT FREIGHT						23,256			23,256
PUMPS 03360333 33,585 0 03,000 WALKOVERS 03360334 66,490 66, </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>19,956</td> <td></td> <td></td> <td>19,956</td>							19,956			19,956
WALKOVERS 03360334 6,490 6,690 6,900						0336.0332	4,326			4,326
WALKOVERS Image: Constraint of the constrain	PUMPS					0336.0333	33,585			33,585
BATTERY (HTR TRTR,SEPAR,GAS T) 0336.0335 240,288 240,288 240,208 SECONDARY CONTAINMENTS 036.0336 9,843 9,90 9,90 OVERHEAD POWER DISTR (TO FACILITY) 9 0336.0337 45,430 45,430 45,430 TELECOMMUNICATION EQUIPMENT 0336.0338 324 324 336,0338 324 FACILITY LINE PIPE 0336.0338 30,070 30,030 30,000 30,030	WALKOVERS					0336.0334				6,490
SECONDARY CONTAINMENTS 0 0336.0336 9,843 9,93 OVERHEAD POWER DISTR (TO FACILITY) 0 0336.0337 45,430 45,430 45,430 TELECOMMUNICATION EQUIPMENT 0336.0338 324 324 30,007 30,007 30,007 30,000 30,000 2,780 Total Tangble Cost 1,494,800 314,000 941,575 30,000 2,780	BATTERY (HTR TRTR,SEPAR,GAS T)					0336.0335				240,288
OVERHEAD POWER DISTR (TO FACILITY) 03360337 45,430 45,430 45,430 TELECOMMUNICATION EQUIPMENT 03360338 324 30,000 30,000 30,000 30,000 30,000 30,000 30,000 2,780 Total Tangible Cost 1,494,800 314,000 941,575 30,000 2,780										9,843
TELECOMMUNICATION EQUIPMENT 0336.0338 324 FACILITY LINE PIPE 0336.0339 30,070 30,000 30,000 30,000 30,000 30,000 30,000 30,000 2,780										45,430
FACILITY LINE PIPE 0336.0339 30,070 30,070 30,070 Total Tangible Cost 1,494,800 314,000 941,575 30,000 2,780										43,430
Total Tangible Cost 1,494,800 314,000 941,575 30,000 2,780										30,070
			1404.000		214.000	000000000			20.000	
Total Estimated Cost 4,469,800 4,260,000 1,650,000 242,193 10,621,										2,780,375 10,621,993

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED

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	Drilli	na		Comp/Stim	
Description	Codes	-	Codes	comp/sum	Amou
Description		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		44,00
DRILLING RIG	0331.0050		0555.0040		44,00
		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	0333.0059		
RIG FUEL	0331.0071	87,000	0333.0071		
WATER & TRANSFER/TRUCKING (NOT	0331.0073	25,000	0333.0073		20,00
DRILL BITS	0331.0080		0555.0075		20,00
		62,000			
DRILLING MUD & ADDITIVES	0331.0082	285,000			
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000			
DOWNHOLE RENTALS	0331.0095	141,000	0333.0095		45,00
SURFACE RENTALS	0331.0096	98,000	0333.0096		130,00
SOLIDS CONTROL EQUIP/SERVICES	0331.0097		0555.0050		130,00
		35,000			
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116		109,00
PRIMARY CEMENTING	0331.0120	243,000			
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130		136,00
OVERHEAD	0331.0142	15,000	0333.0142		
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165		52,00
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190		0333.0105		
	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 Cost		2,975,000			3,946,00
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202		38,00
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		. 0,000	0333.0201		276,00
					210,00
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)					
TELECOMMUNICATION EQUIPMENT					
FACILITY LINE PIPE					
Total Tangible Cost		1,494,800			314,00

COTERRA Authorization For Expenditure - LOOSEY GOOSEY 4-9 FED

AFE # 026722065

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	Production Equip			Post Completion	Total
Description	Codes	Amount	Codes	Amount	Co
LAND/LEGAL/CURATIVE	0336.0002	0	codes	Anounc	10,0
DAMAGES	0336.0005	2,056			22,0
PAD CLEANUP	0550.0005	2,030	0334.0024	2.000	
	0336 0030	24.002	0554.0024	3,000	13,0
ROAD/PAD CONSTRUCTION	0336.0030	34,883			134,8
CONDUCTOR, MOUSE HOLE & CELLAR					20,0
RIG MOBILIZE/DEMOBILIZE					110,0
SUPERVISION	0336.0040	18,928	0334.0040	5,000	157,9
DRILLING RIG					758,0
CASING CREW					43,0
UBULAR INSPECTIONS			0334.0056	0	64,0
VELDING/ROUSTABOUTS/LEASE CREWS			0334.0059	5,000	30,0
RIG FUEL			0334.0071	0	87,0
WATER & TRANSFER/TRUCKING (NOT DRLG			0334.0073	0	45,0
DRILL BITS				0	
DRILLING MUD & ADDITIVES					62,0
					285,0
DIRECTIONAL DRILLING SERVICES					319,0
DOWNHOLE RENTALS			0334.0095	0	186,0
SURFACE RENTALS	0336.0096	2,001	0334.0096	60,000	290,0
OLIDS CONTROL EQUIP/SERVICES					35,0
THER RIG/MISC EXPENSES	0336.0116	22,714	0334.0116	0	202,
RIMARY CEMENTING					243,
VELL CONTROL EQUIP/SERVICES			0334.0130	0	226,
DVERHEAD	0336.0142	27,312		0	42,
MUD DISPOSAL LABOR/EQUIP		21,512			177,
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	107,462	0334.0190	0	
	00000100	107,462			438,
STIMULATION FLUID			0334.0083	0	155,
RAC TREE RENTAL			0334.0098	0	60,
LOWBACK SERVICES			0334.0102	30,000	30,0
BRIDGE PLUGS/FRAC PLUGS			0334.0110	0	40,0
TIMULATION/FRACTURING			0334.0135	0	2,481,0
PERFORATING & WIRELINE SERVICES			0334.0136	0	283,0
COMPLETION RIG/WORKOVER RIG			0334.0150	0	21,
COIL TUBING SERVICES			0334.0151	0	168,0
SWD - PIPED TO 3RD PARTY SWD WELL			0334.0172	109,193	109,
MECHANICAL LABOR	0336.0042	150,727		105,155	150,
AUTOMATION LABOR	0336.0043		0334.0043	0	
		44,672	0334.0043	0	44,6
PC & EXTERNAL PAINTING	0336.0106	12,277			12,
L/GL - ON PAD LABOR	0336.0107	101,729			101,
L/GL - LABOR	0336.0108	56,083			56,
L/GL - SUPERVISION	0336.0109	10,816			10,
SURVEY	0336.0112	5,246			5,
AID IN CONSTRUCT/3RD PARTY CONNECT	0336.0144	75,716			75,
CONTINGENCY - PIPELINE	0336.0191	35,803			35,8
Total Intangible Cost		708,425		212,193	7,841,
VELLHEAD EQUIPMENT SURFACE			0334.0202	10,000	104,
CONDUCTOR PIPE			000 1.0202	10,000	6,
URFACE CASING					
					277,
NTERMEDIATE CASING I					781,
PRODUCTION CSG/TIE BACK					245,
PERMANENT DOWNHOLE EQUIPMENT			0334.0215	0	59,
VATER STRING CASING					70,
UBING			0334.0201	0	276,
URFACE EQUIPMENT			0334.0203	15,000	15,
VELL AUTOMATION MATERIALS			0334.0329	5,000	5,
I/C LEASE EQUIPMENT	0336.0303	157 110	0334.0303	0	157,
ATHERING/FLOWLINES	0336.0315		0334.0315	0	160,
ANKS, STEPS, STAIRS	0336.0317			0	
AINS, STEPS, STARS		74,039			74,
	0336.0321	24,445			24,
EASE AUTOMATION MATERIALS	0336.0322	45,970			45,
ACILITY ELECTRICAL	0336.0324	66,034			66,
RODUCTION EQUIPMENT FREIGHT	0336.0327	23,256			23,
L/GL - MATERIALS	0336.0331	19,956			19,
HORT ORDERS	0336.0332	4,326			4,
UMPS	0336.0333	33,585			33,
VALKOVERS	0336.0334	6,490			6,
ATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335	240,288			240,
ECONDARY CONTAINMENTS	0336.0336				
		9,843			9
VERHEAD POWER DISTR (TO FACILITY)	0336.0337	45,430			45
ELECOMMUNICATION EQUIPMENT	0336.0338	324			
ACILITY LINE PIPE	0336.0339	30,070			30,
Total Tangible Cost		941,575		30,000	2,780,

COTERRAAuthorization For ExpenditureDrillingAFE # 026722060Company EntityDate PreparedCIMAREX ENERGY CO (999901)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 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 complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,866,618
Total Intangible Cost	\$7,841,618
Tangible	Cost
Tangible	\$2,780,375

Total Well Cost	\$10.621.993

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 (Signature)	Date					
NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate							

share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement. 8/2/2023

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

		illing		p/Stim		ion Equip		ompletion	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	2,056			22,056
PAD CLEANUP	0331.0024	0	0333.0024	10,000			0334.0024	3,000	13,000
ROAD/PAD CONSTRUCTION	0331.0030	100,000			0336.0030	34,883			134,883
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000							20,000
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000							110,000
SUPERVISION	0331.0040	90,000	0333.0040	44,000	0336.0040	18,928	0334.0040	5,000	157,928
DRILLING RIG	0331.0050	758,000							758,000
CASING CREW	0331.0055	43,000	0333.0055	0					43,000
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000			0334.0056	0	64,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	0			0334.0059	5,000	30,000
RIG FUEL	0331.0071	87,000	0333.0071	0			0334.0071	0	87,000
WATER & TRANSFER/TRUCKING (NOT DRLG	0331.0073	25,000	0333.0073	20,000			0334.0073	0	45,000
DRILL BITS	0331.0080	62,000							62,000
DRILLING MUD & ADDITIVES	0331.0082	285,000							285,000
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000							319,000
DOWNHOLE RENTALS	0331.0095	141,000	0333.0095	45,000			0334.0095	0	186,000
SURFACE RENTALS	0331.0096	98,000	0333.0096	130,000	0336.0096	2,001	0334.0096	60,000	290,001
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000		150,000		2,001		00,000	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	5555.0110	105,000	5555.0110	22,114	555 7.0110	0	202,714
WELL CONTROL EQUIP/SERVICES	0331.0120		0333.0130	126.000			0334.0130	0	
OVERHEAD		90,000		136,000	0336.0142	27 212	0004.0150	0	226,000
	0331.0142	15,000	0333.0142	0	0336.0142	27,312			42,312
MUD DISPOSAL LABOR/EQUIP		125,000	0333.0165	52,000	000000000				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		100,425	0334.0202	10,000	104,000
CONDUCTOR PIPE	0331.0206	6,000		50,000				10,000	6,000
SURFACE CASING	0331.0207								
INTERMEDIATE CASING I	0331.0207	277,000 781,800							277,000 781,800
PRODUCTION CSG/TIE BACK	0331.0211		0333.0211	0					
PERMANENT DOWNHOLE EQUIPMENT		245,000					0224 0215	0	245,000
	0331.0215	59,000	0333.0215	0			0334.0215	0	59,000
WATER STRING CASING	0331.0221	70,000	0333.0201	276.000			0224 0201		70,000
			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	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					0336.0335	9,843			
OVERHEAD POWER DISTR (TO FACILITY)									9,843
					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

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		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		10,0
ROAD/PAD CONSTRUCTION	0331.0030		0333.0024		10,0
		100,000			
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000			
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000			
SUPERVISION	0331.0040	90,000	0333.0040		44,0
DRILLING RIG	0331.0050	758,000			
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		1.
RIG FUEL	0331.0071	87,000	0333.0071		
WATER & TRANSFER/TRUCKING (NOT	0331.0073		0333.0073		20.0
DRILL BITS		25,000	0555.0075		20,0
	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		45,0
SURFACE RENTALS	0331.0096	98,000	0333.0096		130,00
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000			
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116		100.00
PRIMARY CEMENTING	0331.0110		5555.0110		109,00
		243,000	000000100		
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		2,481,00
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 Cost		2,975,000			3,946,0
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202		38,00
CONDUCTOR PIPE	0331.0206	6,000			50,0
	0331.0207				
SURFACE CASING		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		276,0
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

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AFE # 026722060

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		Production Equip		Post Completion		Total
Description	Codes	Amou	nt Codes	·	Amount	Co
LAND/LEGAL/CURATIVE	0336.0002		0			10,0
DAMAGES	0336.0005	2.0				
	0330.0003	2,0				22,0
PAD CLEANUP			0334.0024		3,000	13,0
ROAD/PAD CONSTRUCTION	0336.0030	34,8	33			134,8
CONDUCTOR, MOUSE HOLE & CELLAR						20,0
RIG MOBILIZE/DEMOBILIZE						110,0
SUPERVISION	0336.0040	18,9	0334.0040		5,000	157,9
DRILLING RIG		10,5			5,000	
						758,0
CASING CREW						43,0
TUBULAR INSPECTIONS			0334.0056		0	64,0
WELDING/ROUSTABOUTS/LEASE CREWS			0334.0059		5,000	30,0
RIG FUEL			0334.0071		0	87,0
WATER & TRANSFER/TRUCKING (NOT DRLG			0334.0073		0	45,0
DRILL BITS					0	
						62,0
DRILLING MUD & ADDITIVES						285,0
DIRECTIONAL DRILLING SERVICES						319,0
DOWNHOLE RENTALS			0334.0095		0	186,0
SURFACE RENTALS	0336.0096	2,0	0334.0096		60,000	290,0
SOLIDS CONTROL EQUIP/SERVICES	0550.0050	2,0	// 00000		00,000	
	000000115					35,0
OTHER RIG/MISC EXPENSES	0336.0116	22,7	4 0334.0116		0	202,7
PRIMARY CEMENTING						243,0
WELL CONTROL EQUIP/SERVICES			0334.0130		0	226,0
OVERHEAD	0336.0142	27,3				42,3
MUD DISPOSAL LABOR/EQUIP		21,5				
	0336.0190		0224.0100			177,0
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	107,4			0	438,4
STIMULATION FLUID			0334.0083		0	155,0
FRAC TREE RENTAL			0334.0098		0	60,0
FLOWBACK SERVICES			0334.0102		30,000	30,0
BRIDGE PLUGS/FRAC PLUGS			0334.0110		0	
						40,0
STIMULATION/FRACTURING			0334.0135		0	2,481,0
PERFORATING & WIRELINE SERVICES			0334.0136		0	283,0
COMPLETION RIG/WORKOVER RIG			0334.0150		0	21,0
COIL TUBING SERVICES			0334.0151		0	168,0
SWD - PIPED TO 3RD PARTY SWD WELL			0334.0172			
	00000000				109,193	109,1
MECHANICAL LABOR	0336.0042	150,7				150,7
AUTOMATION LABOR	0336.0043	44,6	72 0334.0043		0	44,6
IPC & EXTERNAL PAINTING	0336.0106	12,2	77			12,2
FL/GL - ON PAD LABOR	0336.0107	101,7	9			101,7
FL/GL - LABOR	0336.0108	56,0				
						56,0
FL/GL - SUPERVISION	0336.0109	10,8				10,8
SURVEY	0336.0112	5,2	16			5,2
AID IN CONSTRUCT/3RD PARTY CONNECT	0336.0144	75,7	16			75,7
CONTINGENCY - PIPELINE	0336.0191	35,8	13			35,8
Total Intangible Co		708,4			212,193	7,841,6
		700,4				
WELLHEAD EQUIPMENT SURFACE			0334.0202		10,000	104,0
CONDUCTOR PIPE						6,0
SURFACE CASING						277,0
INTERMEDIATE CASING I						781,8
PRODUCTION CSG/TIE BACK						245,0
PERMANENT DOWNHOLE EQUIPMENT			0334.0215		0	
			US34.UZ15		0	59,0
WATER STRING CASING						70,0
TUBING			0334.0201		0	276,0
SURFACE EQUIPMENT			0334.0203		15,000	15,0
WELL AUTOMATION MATERIALS			0334.0329		5,000	5,0
N/C LEASE EQUIPMENT	0336.0303	157.1				
		- 1			0	157,1
GATHERING/FLOWLINES	0336.0315	160,4			0	160,4
TANKS, STEPS, STAIRS	0336.0317	74,0	39			74,0
METERING EQUIPMENT	0336.0321	24,4	15			24,4
LEASE AUTOMATION MATERIALS	0336.0322	45,9				45,9
FACILITY ELECTRICAL	0336.0324	66,0				66,0
PRODUCTION EQUIPMENT FREIGHT	0336.0327	23,2				23,2
FL/GL - MATERIALS	0336.0331	19,9	56			19,9
SHORT ORDERS	0336.0332	4,3	26			4,3
PUMPS	0336.0333	33,5				33,5
WALKOVERS	0336.0334					6,4
		6,4				
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335	240,2				240,2
SECONDARY CONTAINMENTS	0336.0336	9,8	43			9,8
OVERHEAD POWER DISTR (TO FACILITY)	0336.0337	45,4	30			45,4
TELECOMMUNICATION EQUIPMENT	0336.0338		24			3
	0336.0339	30,0				
						30,0
ACILITY LINE PIPE Total Tangible Co:		941,5			30,000	2,780,3

			AFE # 02672207
9901)			Date Prepared 8/2/2023
Well Name MIGHTY PHEASANT 5-8 FED COM 301H	Prospect	Property Number 411354281	AFE 026722075
Location		Estimated Spud	Estimated Completion
Section 5, Township 20 South, Range	34 East, Lea County, NM	5/27/2024	
Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
3rd Bone Spring		20,870	10,870
	Well Name MIGHTY PHEASANT 5-8 FED COM 301H Location Section 5, Township 20 South, Range Formation	Well Name Prospect MIGHTY PHEASANT 5-8 FED COM 301H Location Section 5, Township 20 South, Range 34 East, Lea County, NM Formation Well Type	Well Name Prospect Property Number MIGHTY PHEASANT 5-8 FED COM 411354281 301H 2011 Location Estimated Spud Section 5, Township 20 South, Range 34 East, Lea County, NM 5/27/2024 Formation Well Type Ttl Measured Depth

Purpose Drill and complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,866,618
Total Intangible Cost	\$7,841,618
Tangible	Cost
Tangible	\$2,780,375
Total Tangible Cost	\$2,780,375
Total Well Cost	\$10,621,993

Comments On Well Costs

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		
		Casta abauma an this forms are estimated ash. Dr. ana	tice this AFF the concertice parts econes to pay its properties at			
	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.					

COM 301H

		illing		p/Stim		ion Equip		mpletion	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							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		150,000		2,001		00,000	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		0555.0110	109,000	0550.0110	22,714	0554.0110	0	
		243,000	0222 0120	120.000			0334.0130	0	243,000
WELL CONTROL EQUIP/SERVICES OVERHEAD	0331.0130	90,000	0333.0130	136,000	0226 0142	27.242	0554.0130	0	226,000
	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	0550.0151	708,425		212,193	7,841,618
WELLHEAD EQUIPMENT SURFACE	0331.0202		0333.0202			100,423	0334.0202		
CONDUCTOR PIPE	0331.0202	56,000	0333.0202	38,000			0334.0202	10,000	104,000
		6,000							6,000
SURFACE CASING	0331.0207	277,000							277,000
INTERMEDIATE CASING I	0331.0208	781,800	0000 0014						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					000.0		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		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				
WALKOVERS					0336.0334	33,585			33,585
						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

COTERRA Authorization For Expenditure - MIGHTY PHEASANT 5-8 FED

COM 301H

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CO	M 301H				
		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	00000.00.00		
SUPERVISION	0331.0040	90,000	0333.0040		44,000
DRILLING RIG	0331.0050	758,000			
CASING CREW	0331.0055	43,000	0333.0055		C
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			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		150,000
MUD DISPOSAL LABOR/EQUIP	0331.0142		0333.0142		-
		125,000			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		
COIL TUBING SERVICES			0333.0150		21,000
			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	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				
PRODUCTION CSG/TIE BACK		781,800	000000000000000000000000000000000000000		
	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			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)					
OVERHEAD POWER DISTR (TO FACILITY)					
OVERHEAD POWER DISTR (TO FACILITY) TELECOMMUNICATION EQUIPMENT	t	1,494,800			314,000

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		Production Equip			Post Completion		Total
Description	Codes	Floddedoll Equip	Amount	Codes	Post Completion	Amount	Co
LAND/LEGAL/CURATIVE	0336.0002			coues		Amount	
			0				10,0
DAMAGES	0336.0005		2,056				22,0
PAD CLEANUP				0334.0024		3,000	13,0
ROAD/PAD CONSTRUCTION	0336.0030		34,883				134,8
CONDUCTOR, MOUSE HOLE & CELLAR							20,0
RIG MOBILIZE/DEMOBILIZE							110,0
SUPERVISION	0336.0040		18,928	0334.0040		5,000	157,9
DRILLING RIG						-,	758,0
CASING CREW							43,0
TUBULAR INSPECTIONS				0334.0056		0	
WELDING/ROUSTABOUTS/LEASE CREWS						-	64,0
				0334.0059		5,000	30,0
RIG FUEL				0334.0071		0	87,0
WATER & TRANSFER/TRUCKING (NOT DRLG				0334.0073		0	45,0
DRILL BITS							62,0
DRILLING MUD & ADDITIVES							285,0
DIRECTIONAL DRILLING SERVICES							319,0
DOWNHOLE RENTALS				0334.0095		0	186,0
SURFACE RENTALS	0336.0096		2,001	0334.0096		60,000	
	0330.0090		2,001	0334.0090		60,000	290,0
SOLIDS CONTROL EQUIP/SERVICES	00000000			000101-5			35,0
OTHER RIG/MISC EXPENSES	0336.0116		22,714	0334.0116		0	202,7
PRIMARY CEMENTING							243,0
WELL CONTROL EQUIP/SERVICES				0334.0130		0	226,0
OVERHEAD	0336.0142		27,312				42,3
MUD DISPOSAL LABOR/EQUIP							177,0
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190		107,462	0334.0190		0	438,4
	5550.0150		107,402				
STIMULATION FLUID				0334.0083		0	155,0
RAC TREE RENTAL				0334.0098		0	60,0
LOWBACK SERVICES				0334.0102		30,000	30,0
BRIDGE PLUGS/FRAC PLUGS				0334.0110		0	40,0
STIMULATION/FRACTURING				0334.0135		0	2,481,0
PERFORATING & WIRELINE SERVICES				0334.0136		0	283,0
COMPLETION RIG/WORKOVER RIG				0334.0150		0	21,0
				0334.0151			
COIL TUBING SERVICES						0	168,0
SWD - PIPED TO 3RD PARTY SWD WELL				0334.0172		109,193	109,1
MECHANICAL LABOR	0336.0042		150,727				150,7
AUTOMATION LABOR	0336.0043		44,672	0334.0043		0	44,6
IPC & EXTERNAL PAINTING	0336.0106		12,277				12,2
FL/GL - ON PAD LABOR	0336.0107		101,729				101,7
FL/GL - LABOR	0336.0108		56,083				56,0
FL/GL - SUPERVISION	0336.0109						
			10,816				10,8
SURVEY	0336.0112		5,246				5,2
AID IN CONSTRUCT/3RD PARTY CONNECT	0336.0144		75,716				75,7
CONTINGENCY - PIPELINE	0336.0191		35,803				35,8
Total Intangible Cost			708,425			212,193	7,841,6
WELLHEAD EQUIPMENT SURFACE				0334.0202		10,000	104,0
CONDUCTOR PIPE							6,0
SURFACE CASING							277,0
NTERMEDIATE CASING I							
							781,8
PRODUCTION CSG/TIE BACK							245,0
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	59,0
WATER STRING CASING							70,0
TUBING				0334.0201		0	276,0
SURFACE EQUIPMENT				0334.0203		15,000	15,0
WELL AUTOMATION MATERIALS				0334.0329		5,000	5,0
	0336 0302		157 110				
	0336.0303			0334.0303		0	157,1
GATHERING/FLOWLINES	0336.0315			0334.0315		0	160,4
TANKS, STEPS, STAIRS	0336.0317		74,039				74,0
METERING EQUIPMENT	0336.0321		24,445				24,4
EASE AUTOMATION MATERIALS	0336.0322		45,970				45,9
ACILITY ELECTRICAL	0336.0324		66,034				66,0
PRODUCTION EQUIPMENT FREIGHT	0336.0327		23,256				23,2
L/GL - MATERIALS	0336.0331						19,9
SHORT ORDERS			19,956				
	0336.0332		4,326				4,3
PUMPS	0336.0333		33,585				33,5
WALKOVERS	0336.0334		6,490				6,4
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335		240,288				240,2
ECONDARY CONTAINMENTS	0336.0336		9,843				9,
OVERHEAD POWER DISTR (TO FACILITY)	0336.0337						
			45,430				45,4
ELECOMMUNICATION EQUIPMENT	0336.0338		324				3
ACILITY LINE PIPE	0336.0339		30,070				30,0
Total Tangible Cost			941,575			30,000	2,780,3
							10,621,9

COTERRA	Authorization For Expenditure Dr	illing		AFE # 02672207
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region PERMIAN BASIN	Well Name MIGHTY PHEASANT 5-8 FED COM 302H	Prospect	Property Number 411354280	AFE 026722076
County, State Lea, NM	Location Section 5, Township 20 South, Range 34 B	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

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,866,618
Total Intangible Cost	\$7,841,618
Tangible	Cost
Tangible	\$2,780,375
Total Tangible Cost	\$2,780,375
Total Well Cost	\$10,621,993

Comments On Well Costs

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.						

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		lling		p/Stim		ion Equip		mpletion	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	2,056			22,050
PAD CLEANUP	0331.0024	0	0333.0024	10,000			0334.0024	3,000	13,000
ROAD/PAD CONSTRUCTION	0331.0030	100,000			0336.0030	34,883			134,883
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000							20,000
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000							110,000
SUPERVISION	0331.0040	90,000	0333.0040	44,000	0336.0040	18,928	0334.0040	5,000	157,928
DRILLING RIG	0331.0050	758,000							758,000
CASING CREW	0331.0055	43,000	0333.0055	0					43,000
TUBULAR INSPECTIONS	0331.0056	60,000	0333.0056	4,000			0334.0056	0	64,000
WELDING/ROUSTABOUTS/LEASE CREWS	0331.0059	25,000	0333.0059	0			0334.0059	5,000	30,000
RIG FUEL	0331.0071	87,000	0333.0071	0			0334.0071	0	87,000
WATER & TRANSFER/TRUCKING (NOT DRLG	0331.0073	25,000	0333.0073	20,000			0334.0073	0	45,000
DRILL BITS	0331.0080	62,000		/				-	62,000
DRILLING MUD & ADDITIVES	0331.0082	285,000							285,000
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000							319,000
DOWNHOLE RENTALS	0331.0095	141,000	0333.0095	45,000			0334.0095	0	186,000
SURFACE RENTALS	0331.0096		0333.0096		0336.0096	2 001	0334.0096		
SOLIDS CONTROL EQUIP/SERVICES		98,000	0555.0090	130,000	0550.0090	2,001	0554.0090	60,000	290,001
	0331.0097	35,000	0222.0116	100.007	0226 0116	00.74	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			0334.0135	0	2,481,000
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		100,425	0334.0202	10,000	104,000
CONDUCTOR PIPE	0331.0202		0555.0202	56,000			0554.0202	10,000	
		6,000							6,000
SURFACE CASING INTERMEDIATE CASING I	0331.0207	277,000							277,000
	0331.0208	781,800							781,800
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	0					245,000
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0			0334.0215	0	59,000
WATER STRING CASING	0331.0221	70,000							70,000
TUBING			0333.0201	276,000			0334.0201	0	276,000
SURFACE EQUIPMENT							0334.0203	15,000	15,000
WELL AUTOMATION MATERIALS							0334.0329	5,000	5,000
N/C LEASE EQUIPMENT					0336.0303	157,110	0334.0303	0	157,110
GATHERING/FLOWLINES					0336.0315	160,409	0334.0315	0	160,409
TANKS, STEPS, STAIRS					0336.0317	74,039		-	74,039
METERING EQUIPMENT					0336.0321	24,445			24,445
LEASE AUTOMATION MATERIALS					0336.0321				
FACILITY ELECTRICAL						45,970			45,970
					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			43,430
FACILITY LINE PIPE					0336.0339				
Total Tangible Cost		1.40.4.000		214.000	000000000000000000000000000000000000000	30,070		20.000	30,070
Total rangible Cost		1,494,800		314,000		941,575		30,000	2,780,375
Total Estimated Cost	1	4,469,800		4,260,000		1,650,000		242,193	10,621,993

COM 302H

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CO	M 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	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			0333.0040		
	0331.0040	90,000	0333.0040		44,000
DRILLING RIG	0331.0050	758,000			
CASING CREW	0331.0055	43,000	0333.0055		C
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			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	0331.0097	35,000			
OTHER RIG/MISC EXPENSES	0331.0116	71,000	0333.0116		109,000
PRIMARY CEMENTING	0331.0120				105,000
		243,000	0222.0120		120.000
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000			136,000
OVERHEAD	0331.0142	15,000			0
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000			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		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					
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
			0222.0202		
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			0
TUBING		70,000	0333.0201		276.000
			0555.0201		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					
TEECOMMONICATION EQUITMENT					
FACILITY LINE PIPE					
	t I	1,494,800			314,000

AFE # 026722076

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		Production Equip		Post Completion	Total
Description	Codes	Amour	t Codes	Amount	Co
LAND/LEGAL/CURATIVE	0336.0002		0	, in our	10,0
DAMAGES	0336.0005	2,05			22,0
PAD CLEANUP	0350.0005	2,05	0334.0024	2.000	
ROAD/PAD CONSTRUCTION	0000	24.00		3,000	13,0
	0336.0030	34,88	3		134,8
CONDUCTOR, MOUSE HOLE & CELLAR					20,0
RIG MOBILIZE/DEMOBILIZE					110,0
SUPERVISION	0336.0040	18,92	8 0334.0040	5,000	157,9
DRILLING RIG					758,0
CASING CREW					43,0
TUBULAR INSPECTIONS			0334.0056	0	64,0
WELDING/ROUSTABOUTS/LEASE CREWS			0334.0059	5,000	30,0
RIG FUEL			0334.0071	0	87,0
WATER & TRANSFER/TRUCKING (NOT DRLG			0334.0073	0	45,0
DRILL BITS				0	
DRILLING MUD & ADDITIVES					62,0
					285,0
DIRECTIONAL DRILLING SERVICES					319,0
DOWNHOLE RENTALS			0334.0095	0	186,0
SURFACE RENTALS	0336.0096	2,00	1 0334.0096	60,000	290,0
SOLIDS CONTROL EQUIP/SERVICES					35,0
OTHER RIG/MISC EXPENSES	0336.0116	22,71	4 0334.0116	0	202,
PRIMARY CEMENTING					243,
WELL CONTROL EQUIP/SERVICES			0334.0130	0	226,
OVERHEAD	0336.0142	27,31		0	42,
MUD DISPOSAL LABOR/EQUIP		27,51			42,:
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	107.46	2 0334.0190		
	0330.0150	107,46		0	438,4
STIMULATION FLUID			0334.0083	0	155,0
FRAC TREE RENTAL			0334.0098	0	60,0
FLOWBACK SERVICES			0334.0102	30,000	30,0
BRIDGE PLUGS/FRAC PLUGS			0334.0110	0	40,0
STIMULATION/FRACTURING			0334.0135	0	2,481,0
PERFORATING & WIRELINE SERVICES			0334.0136	0	283,0
COMPLETION RIG/WORKOVER RIG			0334.0150	0	21,0
COIL TUBING SERVICES			0334.0151	0	168,0
SWD - PIPED TO 3RD PARTY SWD WELL			0334.0172	109,193	109,1
MECHANICAL LABOR	0336.0042	150,72		105,155	150,
AUTOMATION LABOR	0336.0042				
		44,67	-	0	44,6
IPC & EXTERNAL PAINTING	0336.0106	12,27			12,2
FL/GL - ON PAD LABOR	0336.0107	101,72			101,
FL/GL - LABOR	0336.0108	56,08	3		56,0
FL/GL - SUPERVISION	0336.0109	10,81	6		10,8
SURVEY	0336.0112	5,24	6		5,2
AID IN CONSTRUCT/3RD PARTY CONNECT	0336.0144	75,71	6		75,7
CONTINGENCY - PIPELINE	0336.0191	35,80			35,8
Total Intangible Cost		708,42		212,193	7,841,
WELLHEAD EQUIPMENT SURFACE		, 00, 12	0334.0202	10,000	104,0
CONDUCTOR PIPE			0334.0202	10,000	
					6,
SURFACE CASING					277,
NTERMEDIATE CASING I					781,
PRODUCTION CSG/TIE BACK					245,0
PERMANENT DOWNHOLE EQUIPMENT			0334.0215	0	59,
WATER STRING CASING					70,0
TUBING			0334.0201	0	276,
SURFACE EQUIPMENT			0334.0203	15,000	15,0
WELL AUTOMATION MATERIALS			0334.0329	5,000	5,
V/C LEASE EQUIPMENT	0336 0302	45744			
	0336.0303		0 0334.0303	0	157,
GATHERING/FLOWLINES	0336.0315	160,40		0	160,-
FANKS, STEPS, STAIRS	0336.0317	74,03			74,
METERING EQUIPMENT	0336.0321	24,44	5		24,
EASE AUTOMATION MATERIALS	0336.0322	45,97	0		45,
ACILITY ELECTRICAL	0336.0324	66,03	4		66,
PRODUCTION EQUIPMENT FREIGHT	0336.0327	23,25	6		23,
FL/GL - MATERIALS	0336.0331	19,95			19,
SHORT ORDERS	0336.0332	4,32			4,
PUMPS	0336.0333	33,58			33,
WALKOVERS	0336.0334	6,49			6,
BATTERY (HTR TRTR, SEPAR, GAS T)	0336.0335	240,28			240,
SECONDARY CONTAINMENTS	0336.0336	9,84	3		9,
OVERHEAD POWER DISTR (TO FACILITY)	0336.0337	45,43	0		45,
FELECOMMUNICATION EQUIPMENT	0336.0338	32			
ACILITY LINE PIPE	0336.0339	30,07			30,
Total Tangible Cost		941,57		30,000	2,780,

🗘 COTERRA	Authorization For Expenditure D	Prilling		AFE # 02672207
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region	Well Name	Prospect	Property Number	AFE
PERMIAN BASIN	MIGHTY PHEASANT 5-8 FED COM 104H		411354286	026722070
County, State	Location		Estimated Spud	Estimated Completior
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 Revision	1ST BONE SPRING		19,515	9,515

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.

NOr	ioperator Approvai						
	Company	Approved By (Print Name)	Approved By (Signature)	Date			
NOT		Casta shawa an this form, are estimated only. Dy avery	ting this AFF the concerting parts groups to pay its properties and				
NOTICE TO NONOPERATOR: Costs shown on this form are estimates only. By executing this AFE, the consenting party agrees to pay its proportionate							
shar	share of actual costs incurred. Overhead will be charged in accordance with the Joint Operating Agreement.						

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		lling	Com	o/Stim	Productio	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			105,334
CONDUCTOR, MOUSE HOLE & CELLAR	0331.0031	20,000							20,00
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000							110,00
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				0	62,000
DRILLING MUD & ADDITIVES	0331.0082	285,000							
DIRECTIONAL DRILLING SERVICES	0331.0090								285,000
DOWNHOLE RENTALS	0331.0095	319,000	0333.0095	45.000			0334.0095	0	319,000
		141,000		45,000	00000	2 2 2 2		0	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	0000000000	40000	0000 0110		0004.0111		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		105,155	88,400
AUTOMATION LABOR					0336.0042		0334.0043	0	
IPC & EXTERNAL PAINTING					0336.0106	31,733	0334.0043	0	31,733
						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		2,200	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	0334.0305	0	33,733
METERING EQUIPMENT					0336.0313		555-15	0	
						16,800			16,800
LEASE AUTOMATION MATERIALS PRODUCTION EQUIPMENT FREIGHT					0336.0322	30,933			30,933
					0336.0327	10,000			10,000
FL/GL - MATERIALS					0336.0331	19,467			19,467
SHORT ORDERS					0336.0332	9,333			9,333
WALKOVERS					0336.0334	2,667			2,667
BATTERY (HTR TRTR,SEPAR,GAS T)					0336.0335	128,400			128,400
SECONDARY CONTAINMENTS					0336.0336	5,333			5,333
FACILITY LINE PIPE					0336.0339	11,600			11,600
Total Tangible Cost		1,494,800		314,000		358,266		30,000	2,197,066
Total Estimated Cost		4,469,800		4,260,000		680,000		242,193	9,651,993

COM 104H

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CO	M 104H				
		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		0333.0096		
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	98,000	5555.0050		130,000
		35,000	0333.0116		100.000
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					
		2.075.000			2.046.000
Total Intangible Cost		2,975,000			3,946,000
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202		38,000
CONDUCTOR PIPE	0331.0206	6,000			
SURFACE CASING	0331.0207	277,000			
INTERMEDIATE CASING I	0331.0208	781,800			
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211		0
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215		0
WATER STRING CASING	0331.0221	70,000			
TUBING			0333.0201		276,000
SURFACE EQUIPMENT					
WELL AUTOMATION MATERIALS					
N/C LEASE EQUIPMENT					
GATHERING/FLOWLINES					
METERING EQUIPMENT					
LEASE AUTOMATION MATERIALS					
PRODUCTION EQUIPMENT FREIGHT					
FL/GL - MATERIALS					
SHORT ORDERS					
WALKOVERS					
BATTERY (HTR TRTR, SEPAR, GAS T)					
SECONDARY CONTAINMENTS					
FACILITY LINE PIPE					
Total Tangible Cost		1,494,800			314,000
Total Estimated Cost		4,469,800			4,260,000

AFE # 026722070

Page	117	of 125	

		Production Equip		Post Completion		Total
Description	Codes	Amount	Codes		Amount	Co
LAND/LEGAL/CURATIVE	0336.0002	C				10,00
DAMAGES	0336.0005	0				20,00
PAD CLEANUP			0334.0024		3,000	13,00
ROAD/PAD CONSTRUCTION	0336.0030	5,334			5,000	105,33
CONDUCTOR, MOUSE HOLE & CELLAR		5,55				20,00
RIG MOBILIZE/DEMOBILIZE						110,00
SUPERVISION	0336.0040	14,400	0334.0040		5,000	153,40
DRILLING RIG	000010	14,400	0001.0010		3,000	758,00
CASING CREW					-	
TUBULAR INSPECTIONS			0334.0056		0	43,00
WELDING/ROUSTABOUTS/LEASE CREWS			0334.0059		-	64,00
					5,000	30,00
			0334.0071		0	87,00
WATER & TRANSFER/TRUCKING (NOT DRLG			0334.0073		0	45,00
DRILL BITS						62,00
DRILLING MUD & ADDITIVES						285,00
DIRECTIONAL DRILLING SERVICES						319,00
DOWNHOLE RENTALS			0334.0095		0	186,00
SURFACE RENTALS	0336.0096	3,333	0334.0096		60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES						35,00
OTHER RIG/MISC EXPENSES	0336.0116	14,400	0334.0116		0	194,40
PRIMARY CEMENTING						243,00
WELL CONTROL EQUIP/SERVICES			0334.0130		0	226,00
OVERHEAD	0336.0142	16,533				31,53
MUD DISPOSAL LABOR/EQUIP						177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190	31,867	0334.0190		0	362,86
STIMULATION FLUID			0334.0083		0	155,00
FRAC TREE RENTAL			0334.0098		0	60,00
FLOWBACK SERVICES			0334.0102		30,000	30,00
BRIDGE PLUGS/FRAC PLUGS			0334.0110		0	40,00
STIMULATION/FRACTURING			0334.0135		0	2,481,00
PERFORATING & WIRELINE SERVICES			0334.0136		0	283,00
COMPLETION RIG/WORKOVER RIG			0334.0150		0	21,00
COIL TUBING SERVICES			0334.0151		0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL			0334.0172		109,193	109,19
MECHANICAL LABOR	0336.0042	88,400			105,155	88,40
AUTOMATION LABOR	0336.0043	31,733			0	31,73
IPC & EXTERNAL PAINTING	0336.0106	16,400			0	16,40
FL/GL - ON PAD LABOR	0336.0107	84,000				
FL/GL - SUPERVISION	0336.0109					84,00
SURVEY	0336.0112	11,867				11,86
		1,467				1,46
CONTINGENCY - PIPELINE	0336.0191	2,000			010.100	2,00
Total Intangible Cost		321,734			212,193	7,454,92
WELLHEAD EQUIPMENT SURFACE			0334.0202		10,000	104,00
CONDUCTOR PIPE						6,00
SURFACE CASING						277,00
INTERMEDIATE CASING I						781,80
PRODUCTION CSG/TIE BACK						245,00
PERMANENT DOWNHOLE EQUIPMENT			0334.0215		0	59,00
WATER STRING CASING						70,00
TUBING			0334.0201		0	276,00
SURFACE EQUIPMENT			0334.0203		15,000	15,00
WELL AUTOMATION MATERIALS			0334.0329		5,000	5,00
N/C LEASE EQUIPMENT	0336.0303	90,000	0334.0303		0	90,00
GATHERING/FLOWLINES	0336.0315	33,733			0	33,73
METERING EQUIPMENT	0336.0321	16,800				16,80
LEASE AUTOMATION MATERIALS	0336.0322	30,933				30,93
PRODUCTION EQUIPMENT FREIGHT	0336.0327	10,000				10,00
FL/GL - MATERIALS	0336.0331	19,467				19,46
SHORT ORDERS	0336.0332	9,333				9,33
WALKOVERS	0336.0334					
	0336.0334	2,667				2,66
BATTERY (HTR TRTR, SEPAR, GAS T)		128,400				128,40
SECONDARY CONTAINMENTS	0336.0336	5,333				5,33
FACILITY LINE PIPE	0336.0339	11,600				2,197,06
Total Tangible Cost		358,266			30,000	

COTERRA Authorization For Expenditure Drilling AFE # 026722059 Company Entity Date Prepared CIMAREX ENERGY CO (999901) 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 complete well

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,866,618
Total Intangible Cost	\$7,841,618
Tangible	Cost
Tangible	\$2,780,375

Total Well Cost \$10,621,993

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									

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

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

DescriptionCodesAmouLAND/LEGAL/CURATIVE0331.000510,0DAMAGES0331.000510,0ROAD/PAD CONSTRUCTION0331.0005100,0CONDUCTOR, MOUSE HOLE & CELLAR0331.0035110,0SUPERVISION0331.005409,0DRILLING RIG0331.005543,0CASING CREW0331.005543,0TUBULAR INSPECTIONS0331.005666,0WELDING/ROUSTABOUTS/LEASE CREWS0331.005666,0WELDING/ROUSTABOUTS/LEASE CREWS0331.000525,0RIG FUEL0331.001787,0WATER & TRANSFER/TRUCKING (NOT DRLG0331.003725,0DRILLING MU & ADDITIVES0331.0036319,00DRILLING MU & ADDITIVES0331.0036319,00DOWNHOLE RENTALS0331.0130310,00SUBECTIONAL DRILLING SERVICES0331.0130310,00DIRCTIONAL DRILLING SERVICES0331.0130141,0SUBAC CRENTING0331.014215,0OTHER RIG/MISC EXPENSES0331.0130310,00OVERHEAD0331.014215,0OUD SOSAL LABOR/EQUIP0331.014215,0MUD DISPOSAL LABOR/EQUIP0331.014215,0CONTINGENCY - DRLG, COMP, PCOM, FAC0331.014215,0COUT USING SERVICES044,0144,0SUMULATION/FRACTURING144,0144,0FLG - LABOR144,0144,0FLG - NADA LABOR144,0144,0FLG - NADA LABOR144,0144,0FL/GL - AMARTING SERVICES031.020<		p/Stim		ion Equip	Post Con		Total
DAMAGES0331.0005220,0PAD CLEANUP0331.0031000,0ROAD/PAD CONSTRUCTION0331.0031100,0CONDUCTOR, MOUSE HOLE & CELLAR0331.0031100,0SUPERVISION0331.00351110,0SUPERVISION0331.0035758,0CASING CREW0331.005543,0CASING CREW0331.005543,0CASING CREW0331.005666,00WELDING/ROUSTABOUTS/LEASE CREWS0331.003725,0RIG FUEL0331.001787,00CASING CREW0331.003625,0RIG FUEL0331.003125,0DRILLING MUD & ADDITIVES0331.0030319,00DRILLING MUD & ADDITIVES0331.0036319,00DOWNHOLE RENTALS0331.0036319,00SOLIDS CONTROL EQUIP/SERVICES0331.013093,00OTHER RIG/MISC EXPENSES0331.0165125,0OTHER RIG/MISC EXPENSES0331.0130143,00STIMULATION FLUID0331.0165125,0MUD DISPOSAL LABOR/EQUIP0331.0165125,0OTHER RIG/MISC EXPENSES031.0130143,00STIMULATION FLUID0331.0165125,0MUD DISPOSAL LABOR/EQUIP0331.0165125,0CONTINGENCY - DRLG, COMP, PCOM, FAC0331.0165125,0STIMULATION VERACTURING140,0143,00STIMULATION VERACTURING140,0141,00CONTINGENCY - DRLG, COMP, PCOM, FAC0331.0120143,00STIMULATION NAGORACCER RIG031,0206,00CONDUCTON LABOR		Amount	Codes	Amount	Codes	Amount	Cos
PAD CLEANUP0331.0024ROAD/PAD CONSTRUCTION0331.00301100,0CONDUCTOR, MOUSE HOLE & CELLAR0331.0035110,0SUPERVISION0331.004090,0SUPERVISION0331.0050755,0CASING CREW0331.005066,00WILLING RIG0331.005066,00WELDING/ROUSTABOUTS/LEASE CREWS0331.005666,00WATER & TRANSFER/TRUCKING (NOT DRLG0331.003062,20DRILL INTS0331.003062,00031.0030DRILLING MUD & ADDITIVES0331.003063,20DRILLING MUD & ADDITIVES0331.003669,00DRILLING MUD & ADDITIVES0331.003669,00DOWNHOLE RENTALS0331.003669,00SURFACE RENTALS0331.003735,00SURFACE RENTALS0331.003690,00VERL CONTROL EQUIP/SERVICES0331.013090,00OVERHEAD0331.0130931.0120243,00WUL DISPOSAL LABOR/EQUIP0331.013091,00VELL CONTROL EQUIP/SERVICES0331.013091,00COMTINGENCY DRLG, COMP, PCOM, FAC0331.013091,00STIMULATION,FACTURINGIIFRAC TREE RENTALIIFLOWBACK SERVICESIISUD - PIPED TO 3RD PARTY SWD WELLIIMECHANICAL LABORIIFL/GL - ON PAD LABORIIFL/GL - NADORIIFL/GL - ON PAD LABORIIFL/GL - SUPERVISIONIISURFACE CASING			0336.0002	0			10,000
ROAD/PAD CONSTRUCTION0331.0030100,0CONDUCTOR, MOUSE HOLE & CELLAR0331.003120,0RIG MOBILZE/DEMOBILZE0331.0030758,0ODDOBILLING RIG0331.0050758,0CASING CREW0331.00500331.0050758,0DRILLING RIG0331.005143,0758,0UBULAR, INSPECTIONS0331.0050025,0RIG FUEL0331.00510331.005187,0WATER & TRANSFER/TRUCKING (NOT DRLG0331.0032225,0DRILLING MUD & ADDITIVES0331.0032231,00319,00DRILLING MUD & ADDITIVES0331.0032285,0DRILLING MUD & ADDITIVES0331.0032319,00311,00DOWINHOLE RENTALS0331.0032285,0SOLIDS CONTROL EQUIP/SERVICES0331.013198,00SOLIDS CONTROL EQUIP/SERVICES0331.013190,00OVERHEAD0331.012243,0WELL CONTROL EQUIP/SERVICES0331.013190,00OVERHEAD0331.012243,0WELL CONTROL EQUIP/SERVICES0331.013190,00OVERHEAD0331.01225,0ONDISPOSAL LABOR/FQUIP0331.012026,00FRAC TREE RENTAL11FLOWBACK SERVICES0331.012026,00SITIMULATION/FRACTURING11PERFORATING & WIRELINE SERVICES11SITIMULATION/FRACTURING11FLGE - NAPA LABOR11FLGE - SUPERVISION331.020256,00SUR-CA EQUIPMENT SURFACE0331.0202<			0336.0005	2,056			22,056
CONDUCTOR, MOUSE HOLE & CELLAR0331.00312.0,0RIG MOBILIZE/DEMOBILIZE0331.0055110,0SUPERVISION0331.005090,0DIRLLING RIG0331.005143,0CASING CREW0331.005143,0TUBULAR INSPECTIONS0331.005225,0RIG FUEL0331.007187,0WATER & TRANSFER/TRUCKING (NOT DRLG0331.003025,0DRILLING MUD & ADDITVES0331.003025,0DIRECTIONAL DRILLING SERVICES0331.003025,0DIRECTIONAL DRILLING SERVICES0331.0031141,0SURFACE RENTALS0331.0031141,0SURFACE RENTALS0331.016171,0PRILMRAW CEMENTING0331.0120243,0VELL CONTROL EQUIP/SERVICES0331.0130143,0STIMULATION FLUID0331.014215,0MUD DISPOSAL LABOR/EQUIP0331.014215,0OVERHEAD0331.015125,0CONTINGENCY - DRLG, COMP, PCOM, FAC0331.0165STIMULATION FLUID60,0FRAC TRE RENTAL100FLOWBACK SERVICES101SUMULATION VERACTURING101PERFORATING & WIRELINE SERVICES101COLI TUBING SERVICES101SUMO- PIEDE TO 3AD PARTY SWD WELL1010MECHANICAL LABOR1010FL/GL - LABOR1010FL/GL - SUPERVISION1010SUR-VEY0331.0206GOLDTURENT SURFACE0331.0206CONDUCTOR PIPE0331.0207SURVEY1031.0202ALDI NCONSTRUCTJSRD	0 0333.0024	10,000			0334.0024	3,000	13,000
RIG MOBILIZE/DEMOBILIZE0331.0035111.0.0SUPERVISION0331.004090,0DRILLING RIG0331.005643,0CASING CREW0331.005666,0WELDING/ROUSTABOUTS/LEASE CREWS0331.005666,0RIG FUEL0331.007325,0RIG FUEL0331.007325,0DRILLING MUD & ADDITIVES0331.007325,0DRILLING MUD & ADDITIVES0331.008066,0DRILLING MUD & ADDITIVES0331.008062,0DRILLING MUD & ADDITIVES0331.0095144,0SURFACE RENTALS0331.009698,0SOLDS CONTROL EQUIP/SERVICES0331.009698,0SOLDS CONTROL EQUIP/SERVICES0331.0120243,3WELL CONTROL EQUIP/SERVICES0331.0120243,0WUD DISOSAL LABOR/EQUIP0331.0120143,0CONTINGENCY - DRLG, COMP, PCOM, FAC0331.0130143,0STIMULATION FLUIDCONTINGENCY - DRLG, COMP, PCOM, FAC0331.0130FRAC TREE RENTALCONTOL EQUIP/SERVICESCONDUCTORCONTINGENCY - DRLG, COMP, PCOM, FAC0331.0130143,0STIMULATION, FRACTURINGCONTOL EQUIS/FRAC PLUGSCONDUCTORSWD - PIPED TO 3RD PARTY SWD WELLCONTOL EQUIS/FRAC PLUGSCONDUCTORFL/GL - ON PAD LABORCONDUCTOR PIPE0331.0202FC,0CONTUNCENCY - PIPELINECONDUCTOR PIPE0331.0202FC,0CONDUCTOR PIPETOBI Intraglible Cost2,975,0CONDUCTOR PIPE0331.021245,0CONDUCTOR PIPE0331.022150,00 <td>0</td> <td></td> <td>0336.0030</td> <td>34,883</td> <td></td> <td></td> <td>134,883</td>	0		0336.0030	34,883			134,883
SUPERVISION0331.004090.00DRILLING RIG0331.005075.8,0CASING CREW0331.005543.0UBULAR INSPECTIONS0331.005666,0WELDING/ROUSTABOUTS/LEASE CREWS0331.005925.0RIG FUEL0331.001487.0WATER & TRANSFER/TRUCKING (NOT DRLG0331.003062,0DRILL BITS0331.003062,0DRILL BITS0331.003062,0DRILL BITS0331.003063,0DOWNHOLE RENTALS0331.003698,0SULDS CONTROL EQUIP/SERVICES0331.016698,0SOLIDS CONTROL EQUIP/SERVICES0331.013090,0OVERHEAD0331.0130931.0120243,0WUEL CONTROL EQUIP/SERVICES0331.013090,0OVERHEAD0331.014215,0MUD DISPOSAL LABOR/EQUIP0331.013091,0OVERHEAD0331.013091,0MUD DISPOSAL LABOR/EQUIP0331.0130143,0STIMULATION FLUDFRAC TREE RENTAL100FRAC TREE RENTAL100100FLOWBACK SERVICES100100SUD - PIPED TO 3RD PARTY SWD WELL100MECHANICAL LABOR100100FL/GL - NADA RAY SWD WELL100MECHANICAL LABOR100FL/GL - SUPERVISION101SURACE CASING1031.0202SURACE CASING I0331.0202SURACE CASING I0331.0202SURACE CASING I0331.0202SURACE CASING I0331.021SURACE CASING I0331.0221	0						20,000
DRILLING RIG 0331.0050 75.6.0 CASING CREW 0331.0050 75.8.0 VELDING/ROUSTABOUTS/LEASE CREWS 0331.0051 67.0 WELDING/ROUSTABOUTS/LEASE CREWS 0331.0071 87.0 NUELDING/ROUSTABOUTS/LEASE CREWS 0331.0071 87.0 NUELDING/ROUSTABOUTS/LEASE CREWS 0331.0082 28.60 DRILL BITS 0331.0082 28.60 DRILLING WUD & ADDITIVES 0331.0082 28.60 DIRECTIONAL DRILLING SERVICES 0331.0090 319.00 DOWNHOLE RENTALS 0331.0097 35.00 SUIDS CONTROL EQUIP/SERVICES 0331.0100 243.0 WELL CONTROL EQUIP/SERVICES 0331.0120 243.0 WELL CONTROL EQUIP/SERVICES 0331.0130 143.0 STIMULATION FLUID 0331.0142 15.0 FINDALETION FLUID 0331.0151 125.0 CONTROL EQUIP/SERVICES 0331.0165 125.0 STIMULATION/FRACTURING 0331.0161 143.0 STIMULATION/FRACTURING 04.0 04.0 PERFORATING & WIRELINE SERVICES 04.0<	0						110,000
CASING CREW0331.005543.0TUBULAR INSPECTIONS0331.005660.0WELDING/ROUSTABOUTS/LEASE CREWS0331.007187.0WATER & TRANSFER/TRUCKING (NOT DRLG0331.007325.0RIG FUEL0331.001087.025.0DRILLING MUD & ADDITIVES0331.000028.0DRILLING MUD & ADDITIVES0331.0000319.00DRICTIONAL DRILLING SERVICES0331.000539.0DOWNHOLE RENTALS0331.010598.0SOLDS CONTROL EQUIP/SERVICES0331.0105125.0OTHER RIG/MISC EXPENSES0331.011671.0PRIMARY CEMENTING033.01165125.0OUTHER RIG/MISC EXPENSES0331.013090.0OVERHEAD033.01165125.0CONTINGENCY - DRLG, COMP, PCOM, FAC033.01165125.0CONTINGENCY - DRLG, COMP, PCOM, FAC033.01165125.0CONTINGENCY - DRLG, COMP, PCOM, FAC033.0116143.0STIMULATION FLUID60.060.0PEROPATING & WIRELING SERVICES60.060.0COMPUETION RIG/WORKOVER RIG60.060.0CONTINGENCY - PRILE60.060.0PIC & EXTERNAL PAINTING60.060.0FL/GL - SUPERVISION60.060.0SURVEY60.060.0AUTOMATION LABOR60.060.0FL/GL - SUPERVISION631.020660.0SURFACE CASING633.020727.70.0SURVEY631.020660.0SURFACE CASING I631.020727.70.0NUTERNEDIATE C	0 0333.0040	44,000	0336.0040	18,928	0334.0040	5,000	157,928
TUBULAR INSPECTIONS 0331.0056 66.0. WELDING/ROUSTABOUTS/LEASE CREWS 0331.0057 25.0. RIG FUEL 0331.0071 87.0. WATER & TRANSFER/TRUCKING (NOT DRLG 0331.0080 66.0. DRILLING MUD & ADDITIVES 0331.0080 65.0. DIRECTIONAL DRILLING SERVICES 0331.0056 141.0. DURECTIONAL DRILLING SERVICES 0331.0056 141.0. SUBDS CONTROL EQUIP/SERVICES 0331.0120 243.0. OTHER RIG/MISC EXPENSES 0331.0120 243.0. PRIMARY CEMENTING 0331.0120 243.0. WUD DISPOSAL LABOR/EQUIP 0331.0130 90.0. OVERHEAD 0331.0130 143.0. STIMULATION FLUID CONTINGENCY - DRLG, COMP, PCOM, FAC 0331.0130 143.0. STIMULATION FLUID CONTINGENCY - DRLG, COMP, PCOM, FAC 0331.0130 143.0. STIMULATION FLUID CONTINGENCY - DRLG, COMP, PCOM, FAC 0331.0130 143.0. STIMULATION FLUID CONTINGENCY - DRLG, COMP, PCOM, FAC 0331.0130 143.0. STIMULATION FLUIDS CONTINGENCY - DRLG, COMP, PCOM	0						758,000
WELDING/ROUSTABOUTS/LEASE CREWS0331.005925.0RIG FUEL0331.007187.0WATER & TRANSFER/TRUCKING (NOT DRLG0331.003062.0DRILL BITS0331.008062.0DRILL BITS0331.008062.0DRILL BITS0331.008062.0DRILL BITS0331.009031.9.0DOWNHOLE RENTALS0331.009698.0SULDS CONTROL EQUIP/SERVICES0331.010698.0SOLIDS CONTROL EQUIP/SERVICES0331.010735.0O'THER RIG/MISC EXPENSES0331.013090.0OVERHEAD0331.0120143.0VELL CONTROL EQUIP/SERVICES0331.013090.0OVERHEAD0331.0120143.0STIMULATION FLUID57.0143.0FRAC TREE RENTAL15.015.0FLOWBACK SERVICES15.015.0SIMULATION FLUID15.015.0FRAC TREE RENTAL15.015.0FLOWBACK SERVICES15.015.0COMPLETION RIG/WORKOVER RIG15.015.0COLI TUBING SERVICES15.015.0SWD - PIPED TO 3RD PARTY SWD WELL15.0MECHANICAL LABOR15.015.0FL/GL - NADOR15.015.0FL/GL - NADA RABOR15.015.0FL/GL - NADOR15.015.0FL/GL - LABOR15.015.0SURPACE CASING0331.020255.0CONDUCTOR PIPE0331.020255.0SURPACE CASING I0331.020255.0SURPACE CASING I0331.0202	0 0333.0055	0					43,000
RIG FUEL 0331.0071 87.0 WATER & TRANSFER/TRUCKING (NOT DRLG 0331.0071 87.0 DRILL BITS 0331.0082 25.0 DRILLING MUD & ADDITIVES 0331.0082 285.0 DIRCTIONAL DRILLING SERVICES 0331.0082 285.0 DOWNHOLE RENTALS 0331.0090 319.00 SURFACE RENTALS 0331.0097 35.00 SOLDS CONTROL EQUIP/SERVICES 0331.0016 71.0 PRIMARY CEMENTING 0331.0120 243.0 WELL CONTROL EQUIP/SERVICES 0331.0130 90.0 OVERHEAD 0331.0142 15.0 MUD DISPOSAL LABOR/EQUIP 0331.0143 15.0 CONTINGENCY - DRLG, COMP, PCOM, FAC 0331.0130 143.0 STIMULATIONERCY IRLING	0 0333.0056	4,000			0334.0056	0	64,000
WATER & TRANSFER/TRUCKING (NOT DRLG 0331.0073 25.0 DRILLING MUD & ADDITIVES 0331.0080 62.0 DRILLING MUD & ADDITIVES 0331.0080 310.00 DIRCTIONAL DRILLING SERVICES 0331.0095 141.0 SURFACE RENTALS 0331.0095 141.0 SURFACE RENTALS 0331.0096 98.0 SOLIDS CONTROL EQUIP/SERVICES 0331.01016 71.0 OTHER RIG/MISC EXPENSES 0331.0110 243.0 OVER HEAD 0331.0120 243.0 OVER HEAD 0331.0120 243.0 OVER HEAD 0331.0130 90.0 OVER HEAD 0331.0130 90.0 CONTINGENCY - DRLG, COMP, PCOM, FAC 0331.0130 143.0 CONTINGENCY - DRLG, COMP, PCOM, FAC 0331.0130 143.0 STIMULATION FRACTURING 0 143.0 PERFORATING & WIRELINE SERVICES 0 143.0 COIL TUBING SERVICES 0 143.0 COIL TUBING SERVICES 0 143.0 PERFORATING & WIRELINE SERVICES 0 144.0	0 0333.0059	0			0334.0059	5,000	30,000
DRILL BITS0331.008062.0DRILLING MUD & ADDITIVES0331.0082285.0DIRECTIONAL DRILLING SERVICES0331.0095144.0SURFACE RENTALS0331.009698.0SOLDS CONTROL EQUIP/SERVICES0331.009735.0OTHER RIG/MISC EXPENSES0331.0107243.0WELL CONTROL EQUIP/SERVICES0331.0120243.0WELL CONTROL EQUIP/SERVICES0331.0120243.0WUD DISPOSAL LABOR/EQUIP0331.0120243.0CONTINGENCY - DRLG, COMP, PCOM, FAC0331.013090.0OVERHEAD0331.0120143.0STIMULATION FLUIDFRAC TREE RENTAL100FRAC TREE RENTAL100143.0FLOWBACK SERVICES100144.0COMPLETION RIG/WORKOVER RIG100100COLI TUBING SERVICES100100SWD - PIPED TO 3RD PARTY SWD WELL100100MECHANICAL LABOR100100FL/GL - ON PAD LABOR100100FL/GL - LABOR100100FL/GL - LABOR100100FL/GL - LABOR100100SURREY1031.020255.0ONDUCTOR PIPE0331.0203771.0SURFACE CASING0331.0204771.0NUTELHEAD EQUIPMENT SURFACE0331.020559.0WALLEADE CASING 10331.020559.0WALEADE CASING 10331.020559.0WALEADE CASING 10331.020559.0WALEADE CASING 10331.020559.0WALEADE EQUIPMENT0331.	0 0333.0071	0			0334.0071	0	87,000
DRILL BITS0331.008062.0DRILLING MUD & ADDITIVES0331.0082285.0DIRECTIONAL DRILLING SERVICES0331.0095144.0SURFACE RENTALS0331.009698.0SOLDS CONTROL EQUIP/SERVICES0331.009735.0OTHER RIG/MISC EXPENSES0331.0107243.0WELL CONTROL EQUIP/SERVICES0331.0120243.0WELL CONTROL EQUIP/SERVICES0331.0120243.0WUD DISPOSAL LABOR/EQUIP0331.0120243.0CONTINGENCY - DRLG, COMP, PCOM, FAC0331.013090.0OVERHEAD0331.0120143.0STIMULATION FLUIDFRAC TREE RENTAL100FRAC TREE RENTAL100143.0FLOWBACK SERVICES100100COMPLETION RIG/WORKOVER RIG100100COLI TUBING SERVICES100100SWD - PIPED TO 3RD PARTY SWD WELL100100MECHANICAL LABOR100100FL/GL - ON PAD LABOR100100FL/GL - LABOR100100FL/GL - LABOR100100FL/GL - LABOR100100SURFACE CASING0331.020255.0SURFACE CASING0331.020255.0SURFACE CASING I0331.020255.0SURFACE CASING I0331.020255.0SURFACE CASING I0331.020255.0SURFACE CASING I0331.020255.0SURFACE CASING I0331.020255.0SURFACE CASING I0331.020255.0SURFACE CASING I0331.0202 </td <td>0 0333.0073</td> <td>20,000</td> <td></td> <td></td> <td>0334.0073</td> <td>0</td> <td>45,000</td>	0 0333.0073	20,000			0334.0073	0	45,000
DRILLING MUD & ADDITIVES0331.0082285.0DIRECTIONAL DRILING SERVICES0331.0090319.0DOWNHOLE RENTALS0331.009698.0SURFACE RENTALS0331.009735.0OTHER RIG/MISC EXPENSES0331.016671.0PRIMARY CEMENTING0331.0120243.0WELL CONTROL EQUIP/SERVICES0331.013090.0OVERHEAD0331.0120243.0WELL CONTROL EQUIP/SERVICES0331.013090.0OVERHEAD0331.0120115.0MUD DISPOSAL LABOR/EQUIP0331.013090.0CONTINGENCY - DRLG, COMP, PCOM, FAC0331.0130143.0STIMULATION FLUIDFRAC TREE RENTAL11FLOWBACK SERVICES111SINGE FLUGS/FRAC PLUGS111COMTING SERVICES111COLI TUBING SERVICES111COLI TUBING SERVICES111COLI TUBING SERVICES111SURD - PIPED TO 3RD PARTY SWD WELL111MECHANICAL LABOR1111FL/GL - ON PAD LABOR1111FL/GL - LABOR11111FL/GL - SUPERVISION1111SURVEY11111VELLHEAD EQUIPMENT SURFACE0331.020255.00CONDUCTOR PIPE0331.02056.001SURVEY11111 <t< td=""><td></td><td>.,</td><td></td><td></td><td></td><td></td><td>62,000</td></t<>		.,					62,000
DIRECTIONAL DRILLING SERVICES0331.0090319.0DOWNHOLE RENTALS0331.0095141.0SURFACE RENTALS0331.0097155.0OTHER RIG/MISC EXPENSES0331.001671.0PRIMARY CEMENTING0331.0120243.0WELL CONTROL EQUIP/SERVICES0331.013090.0OVERNEAD0331.014215.0MUD DISPOSAL LABOR/EQUIP0331.014215.0MUD DISPOSAL LABOR/EQUIP0331.014215.0MUD DISPOSAL LABOR/EQUIP0331.014215.0CONTINGENCY - DRIC, COMP, PCOM, FAC0331.0130143.0STIMULATION FLUID60.060.0FRAC TREE RENTAL60.060.0FLOWACK SERVICES60.060.0STIMULATION/FRACTURING60.060.0PERFORATING & WIRELINE SERVICES60.060.0SURD - PIPED TO 3RD PARTY SWD WELL60.060.0MECHANICAL LABOR60.060.060.0FL/GL - NPAD LABOR60.060.060.0FL/GL - SUPERVISION60.060.060.0SURVEY61.06331.020227.70.0INTERMEDIATE CASING I0331.022660.0CONDUCTOR PIPE0331.022660.0SURACE CASING I0331.022170.0UTERMEDIATE CASING I0331.022170.0INTERMEDIATE CASING I0331.022170.0INTERMEDIATE CASING I0331.022170.0INTERMEDIATE CASING I0331.022170.0INTERMEDIATE CASING I0331.022170.0INT							285,000
DOWNHOLE RENTALS0331.0095141.0SURFACE RENTALS0331.009698.0SOLIDS CONTROL EQUIP/SERVICES0331.010171.0PRIMARY CEMENTING0331.0120243.0WELL CONTROL EQUIP/SERVICES0331.013090.0OVERHEAD0331.013090.0OVERHEAD0331.0165125.0CONTINGENCY - DRLG, COMP, PCOM, FAC0331.0130143.0STIMULATION FLUID0331.0130143.0FRAC TREE RENTAL1.0001.43.0FLOWBACK SERVICES0.0001.43.0BRIDGE PLUGS/FRAC PLUGS0.0001.43.0STIMULATION/FRACTURING0.0001.000PERFORATING & WIRELINE SERVICES0.0001.000COIL TUBING SERVICES0.0000.000SWD - PIPED TO 3RD PARTY SWD WELL0.0000.000MECHANICAL LABOR0.0000.000FL/GL - SUPERVISION0.0000.000SURVEY0.0000.0000.000AITOMATION LABOR0.0000.000FL/GL - SUPERVISION0.0000.000SURVEY0.0100.0000.000AID IN CONSTRUCT/3RD PARTY CONNECT0.00007.000CONDUCTON CSG/TIE BACK0.031.00207.000SURFACE EQUIPMENT SURFACE0.331.02056.00SURFACE CASING0.331.02057.000SURFACE EQUIPMENT0.331.02057.000SURFACE CASING I0.331.02067.000SURFACE EQUIPMENT0.331.02155.900WALAUTONATION MATERIALS0.000							319,000
SURFACE RENTALS0331.00960380.0097SOLIDS CONTROL EQUIP/SERVICES0331.001735.00OTHER RIG/MISC EXPENSES0331.011671.00PRIMARY CEMENTING0331.0120243.00WELL CONTROL EQUIP/SERVICES0331.0120243.00OVERHEAD0331.0120143.00MUD DISPOSAL LABOR/EQUIP0331.0130143.00CONTINGENCY - DRLG, COMP, PCOM, FAC0331.0130143.00STIMULATION FLUIDFRAC TREE RENTAL100143.00FLOWBACK SERVICES100.00143.00STIMULATION/FRACTURING100.00100.00PERFORATING & WIRELINE SERVICES100.00100.00COIL TUBING SERVICES100.00100.00COIL TUBING SERVICES100.00100.00SWD - PIPED TO 3RD PARTY SWD WELL100.00100.00MECHANICAL LABOR100.00100.00FL/GL - ON PAD LABOR100.00100.00FL/GL - SUPERVISION100.00100.00SURVEY100.00100.00100.00ADI IN CONSTRUCT/3RD PARTY CONNECT100.00100.00CONTUCTOR PIPE0331.020255.00SURFACE CASING0331.020255.00SURFACE CASING I0331.0203777.00INTERMEDIATE CASING I0331.021247.00SURFACE CASING I0331.022159.00WALENARCE CASING I0331.022159.00SURFACE CASING I0331.022159.00SURFACE CASING I0331.022159.00SURFACE CASING I0331.0221		45,000			0334.0095	0	186,000
SOLIDS CONTROL EQUIP/SERVICES0331.009735.00OTHER RIG/MISC EXPENSES0331.011671,0PRIMARY CEMENTING0331.0120243,0WELL CONTROL EQUIP/SERVICES0331.013090,0OVERHEAD0331.012115,0MUD DISPOSAL LABOR/EQUIP0331.0155125,0CONTINGENCY - DRLG, COMP, PCOM, FAC0331.0165125,0CONTINGENCY - DRLG, COMP, PCOM, FAC0331.0101143,0STIMULATION FLUIDFRAC TREE RENTALImage: Comparison of the compariso		130,000	0336.0096	2,001	0334.0096	60,000	290,001
OTHER RIG/MISC EXPENSES0331.011671.0PRIMARY CEMENTING0331.0120243.0WELL CONTROL EQUIP/SERVICES0331.0120243.0OVERHEAD0331.0121125.0MUD DISPOSAL LABOR/EQUIP0331.0155125.0CONTINGENCY - DRLG, COMP, PCOM, FAC0331.0150143.0STIMULATION FLUIDFRAC TREE RENTAL1FLOWBACK SERVICES11BRIDGE FLUGS/FRAC PLUGS11STIMULATION FLUIDFRAC TREE RENTAL1FLOWBACK SERVICES11STIMULATION FRACTURING11PERFORATING & WIRELINE SERVICES11COIL TUBING SERVICES11SWO - PIPED TO 3RD PARTY SWD WELL11MECHANICAL LABOR11FL/GL - SUPERVISION11SURVEY11AD IN CONSTRUCT/3RD PARTY CONNECT11CONDUTOR PIPE0331.02066.0.0SURFACE CASING0331.0207277.0.0SURFACE CASING I0331.0208781.8PRODUCTION CSG/TE BACK0331.021255.0.0CUNDATION MATERIALS11PREMANENT DOWNHOLE EQUIPMENT0331.021355.0.0SURFACE CASING I0331.022170.0.0TUBING111WELL AUTOMATION MATERIALS11PREMANENT DOWNHOLE EQUIPMENT0331.022170.0.0TUBING111WELL AUTOMATION MATERIALS11MUTANS, STEPS, STA		130,000	000000	2,001	0001.00000	00,000	35,000
PRIMARY CEMENTING0331.0120243.0WELL CONTROL EQUIP/SERVICES0331.013090,0OVERHEAD0331.0165125,0OVERHEAD0331.0165125,0CONTINGENCY - DRLG, COMP, PCOM, FAC0331.0190143,0STIMULATION FLUID0331.0190143,0FRAC TREE RENTALIIFLOWBACK SERVICESIIBRIDGE PLUGS/FRAC PLUGSIISTIMULATION/FRACTURINGIIPERFORATING & WIRELINE SERVICESIICOIL TUBING SERVICESIISWD - PIPED TO 3RD PARTY SWD WELLIIMECHANICAL LABORIIAUTOMATION LABORIIFL/GL - ON PAD LABORIIFL/GL - LABORIIFL/GL - SUPERVISIONIISURVEYIIAID IN CONSTRUCT/3RD PARTY CONNECTIICONDUCTOR PIPE0331.020256,00SURFACE CASING0331.021227,00SURFACE CASING I0331.022159,00SURFACE CASING I0331.0211245,00PRAMANENT DOWNHOLE EQUIPMENTIISURFACE EQUIPMENTIISURFACE EQUIPMENTIISURFACE EQUIPMENTIISURFACE EQUIPMENTIISURFACE EQUIPMENTIISURFACE EQUIPMENTIISURFACE EQUIPMENTIISURFACE EQUIPMENTIISURFACE EQUIPMENTI <t< td=""><td></td><td>109,000</td><td>0336.0116</td><td>22,714</td><td>0334.0116</td><td>0</td><td>202,714</td></t<>		109,000	0336.0116	22,714	0334.0116	0	202,714
WELL CONTROL EQUIP/SERVICES0331.013090,00OVERHEAD0331.014215,00MUD DISPOSAL LABOR/EQUIP0331.0150125,00CONTINGENCY - DRLG, COMP, PCOM, FAC0331.0130143,00STIMULATION FLUIDFRAC TREE RENTAL100100FRAC TREE RENTAL100100100FLOWBACK SERVICES100100100STIMULATION/FRACTURING100100100PERFORATING & WIRELINE SERVICES100100COIL TUBING SERVICES100100SWD - PIPED TO 3RD PARTY SWD WELL100100MECHANICAL LABOR100100FL/GL - ON PAD LABOR100100FL/GL - LABOR100100FL/GL - SUPERVISION100100SURVEY100100CONTURCT/3RD PARTY CONNECT100CONDUCTOR PIPE0331.020255,00SURFACE CASING0331.0203777,00NTERMEDIATE CASING I0331.021359,00WATER STRING CASING0331.0211245,00PERMANENT DOWNHOLE EQUIPMENT0331.022170,00UBING100100100SURFACE EQUIPMENT100100VELLATOMATION MATERIALS100100N/C LEASE EQUIPMENT100100MATER STRING CASING100100UBING100100SURFACE EQUIPMENT100100VELLADOR100100FURDALEDAN MATERIALS100N/C LEASE EQUIPMENT<		109,000	0550.0110	22,114	0354.0110	0	
OVERHEAD0331.014215.0MUD DISPOSAL LABOR/EQUIP0331.0165125.0CONTINGENCY - DRLG, COMP, PCOM, FAC0331.0100143.0STIMULATION FLUIDFRAC TREE RENTALImage: Comparing the compar	_	126.000			0334.0130	0	243,000
MUD DISPOSAL LABOR/EQUIP0331.015512.5.0CONTINGENCY - DRLG, COMP, PCOM, FAC0331.0190143.0STIMULATION FLUIDIIFRAC TREE RENTALIIFLOWBACK SERVICESIIBRIDGE PLUGS/FRAC PLUGSIISTIMULATION FLACTURINGIIPEROPATING & WIRELINE SERVICESIICOMPLETION RIG/WORKOVER RIGIICOMPLETION RIG/WORKOVER RIGIICOIL TUBING SERVICESIISWD - PIPED TO 3RD PARTY SWD WELLIIMECHANICAL LABORIIIPC & EXTERNAL PAINTINGIIFL/GL - SUPERVISIONIISURVEYIIAD IN CONSTRUCT/3RD PARTY CONNECTIICONTINGENCY - PIPELINEIICONDUCTOR PIPE0331.020660.0SURFACE CASING0331.0207277.0SURFACE CASING I0331.0208781.8PRODUCTION CSG/TE BACK0331.02155.0CONDUCTOR PIPEIISURFACE CASING I0331.022170.0TUBINGIIWELL AUTOMATION MATERIALSIIWELL AUTOMATION MATERIALSIIWELL AUTOMATION MATERIALSIIMETERING FLOUPMENTIIGATHERING/FLOUPMENTIIGATHERING FLOUPMENTIIGATHERING FLOUPMENTIIGATHERING FLOUPMENTIIGATHERING EQUI	_	136,000	0226 0142	27.242	0004.0100	0	226,000
CONTINGENCY - DRLG, COMP, PCOM, FAC0331.0190143,0STIMULATION FLUIDIIIIIIIIFRAC TREE RENTALIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	-	0	0336.0142	27,312			42,312
STIMULATION FLUIDInterviewFRAC TREE RENTALInterviewFLOWBACK SERVICESInterviewBRIGGE PLUGS/FRAC PLUGSInterviewSTIMULATION/FRACTURINGInterviewPERFORATING & WIRELINE SERVICESInterviewCOMPLETION RIG/WORKOVER RIGInterviewCOLI TUBING SERVICESInterviewCOLI TUBING SERVICESInterviewSWD - PIPED TO 3RD PARTY SWD WELLInterviewMECHANICAL LABORInterviewAUTOMATION LABORInterviewFL/GL - ON PAD LABORInterviewFL/GL - SUPERVISIONInterviewSURVEYInterviewADI IN CONSTRUCT/3RD PARTY CONNECTInterviewCONTINGENCY - PIPELINEInterviewWELLHEAD EQUIPMENT SURFACE0331.0202SURFACE CASING0331.0202SURFACE CASING I0331.0203PRODUCTION CSG/TIE BACK0331.0211PRODUCTION CSG/TIE BACK0331.0221PRIMAINENT DOWNHOLE EQUIPMENT0331.0221SURFACE CASING I0331.0221SURFACE CASING I0331.0221PREMAINENT DOWNHOLE EQUIPMENTInterviewVELLAUTOMATION MATERIALSInterviewN/C LEASE EQUIPMENTInterviewVIC LASE EQUIPMENTInterviewTANKS, STEPS, STAIRSInterviewMETERING EQUIPMENTInterviewFAILTY ELECTRICALInterviewPRODUCTION EQUIPMENT FREIGHTInterviewFU/GL - MATERIALSInterviewSHORT ORDERSInterviewWALKOVERSInterview <td></td> <td>52,000</td> <td>0226 0100</td> <td>107.000</td> <td>0334.0190</td> <td></td> <td>177,000</td>		52,000	0226 0100	107.000	0334.0190		177,000
FRAC TREE RENTAL Image: Services FLOWBACK SERVICES Image: Services BRIDGE PLUGS/FRAC PLUGS Image: Services STIMULATION/FRACTURING Image: Services COMPLETION RIG/WORKOVER RIG Image: Services COIL TUBING SERVICES Image: Services SWD - PIPED TO 3RD PARTY SWD WELL Image: Services MECHANICAL LABOR Image: Services AUTOMATION LABOR Image: Services FL/GL - ON PAD LABOR Image: Services FL/GL - SUPERVISION Image: Services SURVEY Image: Services ADI IN CONSTRUCT/3RD PARTY CONNECT Image: Services CONTINGENCY - PIPELINE Image: Services Total Intanglble Cost 2,975,00 WELLHEAD EQUIPMENT SURFACE 0331,0202 CONDUCTOR PIPE 0331,0205 SURACE CASING 0331,0207 SURFACE CASING I 0331,0207 PRODUCTION CSG/TIE BACK 0331,0207 PRIMANENT DOWNHOLE EQUIPMENT 0331,021 PRODUCTION CSG/TIE BACK 0331,0221 SURFACE EQUIPMENT Image: Services </td <td></td> <td>188,000</td> <td>0336.0190</td> <td>107,462</td> <td></td> <td>0</td> <td>438,462</td>		188,000	0336.0190	107,462		0	438,462
FLOWBACK SERVICESIBRIDGE PLUGS/FRAC PLUGSISTIMULATION/FRACTURINGIPERFORATING & WIRELINE SERVICESICOMPLETION RIG/WORKOVER RIGICOUT TUBING SERVICESISWD - PIPED TO 3RD PARTY SWD WELLIMECHANICAL LABORIAUTOMATION LABORIFL/GL - ON PAD LABORIFL/GL - SUPERVISIONISURVEYIAID IN CONSTRUCT/3RD PARTY CONNECTICONTINGENCY - PIPELINEICONTINGENCY - PIPELINEICONTINGENCY - PIPELINEIWELLHEAD EQUIPMENT SURFACE0331.0205SURFACE CASING0331.0206CONDUCTOR PIPE0331.0206CONDUCTOR PIPE0331.0205SURFACE CASING I0331.0205SURFACE CASING I0331.0206SURFACE EQUIPMENT0331.0211245.00PERMANIENT DOWINHOLE EQUIPMENTSURFACE EQUIPMENT0331.0215SURFACE EQUIPMENTISURFACE EQUIPMENTI	0333.0083	155,000			0334.0083	0	155,000
BRIDGE PLUGS/FRAC PLUGS Image: StimuLation/FRACTURING STIMULATION/FRACTURING Image: StimuLation/FRACTURING PERFORATING & WIRELINE SERVICES Image: StimuLation/FRACTURING COIL TUBING SERVICES Image: StimuLation/FRACTURING SWD - PIPED TO 3RD PARTY SWD WELL Image: StimuLation/FRACTURING MECHANICAL LABOR Image: StimuLation/FRACTURING IPC & EXTERNAL PAINTING Image: StimuLation/FRACTURING FL/GL - ON PAD LABOR Image: StimuLation/FRACTURING FL/GL - SUPERVISION Image: StimuLation/FRACTURING SURVEY Image: StimuLation/FRACTURING AID IN CONSTRUCT/3RD PARTY CONNECT Image: StimuLation/FRACTURING CONDUCTOR PIPE 0331.0202 56.00 SURFACE CASING 0331.0205 6.00 SURFACE CASING 0331.0206 761.81 PRODUCTION CSG/TIE BACK 0331.0201 727.00 INTERMEDIATE CASING I 0331.0211 245.00 PROMUCTION CSG/TIE BACK 0331.0221 70.00 SURFACE EQUIPMENT 0331.0221 70.00 TUBING Image: StimuLation MATERIALS Image: StimuLation MATERIALS SURFACE EQUIPMENT Image: StimuLation MATERIALS Image: StimuLation MATERIALS SURFACE EQUIPMENT Image: StimuLation MATERIALS Image: StimuLation MATERIALS	0333.0098	60,000			0334.0098	0	60,000
STIMULATION/FRACTURING PERFORATING & WIRELINE SERVICES COMPLETION RIG/WORKOVER RIG COMPLETION RIG/WORKOVER RIC// SUPPLICION COG RIG/WORKOVER RIC// SUPPLICION COG RIG// SUPPLICION COG	0333.0102	0			0334.0102	30,000	30,000
PERFORATING & WIRELINE SERVICES Image: Completion Rig/WORKOVER RIG COIL TUBING SERVICES Image: Completion Rig/WORKOVER RIG COIL TUBING SERVICES Image: Completion Rig/WORKOVER RIG MECHANICAL LABOR Image: Completion Rig/Workover Rig MECHANICAL LABOR Image: Completion Rig/Workover Rig PC & EXTERNAL PAINTING Image: Completion Rig/Workover Rig FL/GL - ON PAD LABOR Image: Completion Rig/Workover Rig FL/GL - SUPERVISION Image: Completion Rig/Workover Rig SURVEY Image: Completion Rig/Workover Rig ADI IN CONSTRUCT/3RD PARTY CONNECT Image: Completion Rig/Workover Rig CONTINGENCY - PIPELINE Image: Completion Rig/Workover Rig WELLHEAD EQUIPMENT SURFACE 0331.0206 CONDUCTOR PIPE 0331.0207 SURFACE CASING 0331.0208 REAKE CASING I 0331.0208 PRDUCTION CSG/TIE BACK 0331.021 PRODUCTION CSG/TIE BACK 0331.021 PRODUCTION CSG/TIE BACK 0331.0221 PRODUCTION CSG/TIE BACK 0331.0221 PRODUCTION CSG/TIE BACK 0331.0221 VELL AUTOMATION MATERIALS Image: Rig/Workover Ri	0333.0110	40,000			0334.0110	0	40,000
COMPLETION RIG/WORKOVER RIGICOIL TUBING SERVICESISWD - PIPED TO 3RD PARTY SWD WELLIMECHANICAL LABORIAUTOMATION LABORIIPC & EXTERNAL PAINTINGIFL/GL - ON PAD LABORIFL/GL - ON PAD LABORIFL/GL - LABORIFL/GL - LOPERVISIONISURVEYIAID IN CONSTRUCT/3RD PARTY CONNECTICONTINGENCY - PIPELINEITotal Intangible Cost2,975,07WELLHEAD EQUIPMENT SURFACE0331,0205SURFACE CASING0331,0206SURFACE CASING I0331,0206SURFACE CASING I0331,0206SURFACE CASING I0331,0207PRODUCTION CSG/TIE BACK0331,0211PODUCTION CSG/TIE BACK0331,0215SURFACE EQUIPMENT0331,0215SURFACE EQUIPMENT0331,0215SURFACE EQUIPMENT0331,0215SURFACE EQUIPMENT0331,0216SURFACE EQUIPMENTISURFACE EQUIPMENT <t< td=""><td>0333.0135</td><td>2,481,000</td><td></td><td></td><td>0334.0135</td><td>0</td><td>2,481,000</td></t<>	0333.0135	2,481,000			0334.0135	0	2,481,000
COIL TUBING SERVICES Intervention SWD - PIPED TO 3RD PARTY SWD WELL Intervention MECHANICAL LABOR Intervention AUTOMATION LABOR Intervention IPC & EXTERNAL PAINTING Intervention FL/GL - ON PAD LABOR Intervention FL/GL - ON PAD LABOR Intervention FL/GL - SUPERVISION Intervention SURVEY Intervention AID IN CONSTRUCT/3RD PARTY CONNECT Intervention CONTINGENCY - PIPELINE Intervention WELLHEAD EQUIPMENT SURFACE 0331.0202 SURFACE CASING 0331.0205 SURFACE CASING 0331.0206 TOTAL Intrangible Cost 2.975,07 WELLHEAD EQUIPMENT SURFACE 0331.0202 SURFACE CASING 0331.0206 SURFACE CASING 0331.0206 TOTAL TOWNHOLE EQUIPMENT 0331.0207 SURFACE EQUIPMENT 0331.0211 SURFACE EQUIPMENT 0331.0221 SURFA	0333.0136	283,000			0334.0136	0	283,000
SWD - PIPED TO 3RD PARTY SWD WELL Image: State S	0333.0150	21,000			0334.0150	0	21,000
MECHANICAL LABOR Image: Construct of the second s	0333.0151	168,000			0334.0151	0	168,000
AUTOMATION LABOR Incl. & EXTERNAL PAINTING IPC & EXTERNAL PAINTING Imcl. FL/GL - LABOR Imcl. FL/GL - LABOR Imcl. FL/GL - SUPERVISION Imcl. SURVEY Imcl. AID IN CONSTRUCT/3RD PARTY CONNECT Imcl. CONTINGENCY - PIPELINE Imcl. Total Intangible Cost 2,975,00 WELLHEAD EQUIPMENT SURFACE 0331,0202 SURFACE CASING 0331,0205 SURFACE CASING I 0331,0206 PRODUCTION CSG/TIE BACK 0331,0205 PRODUCTION CSG/TIE BACK 0331,0205 SURFACE EQUIPMENT 031,0205 SURFACE EQUIPMEN					0334.0172	109,193	109,193
IPC & EXTERNAL PAINTING IPC & EXTERNAL PAINTING FL/GL - ON PAD LABOR IPC FL/GL - ON PAD LABOR IPC FL/GL - SUPERVISION IPC SURVEY IPC AID IN CONSTRUCT/3RD PARTY CONNECT IPC CONTINGENCY - PIPELINE IPC Total Intangible Cost 2.975,02 WELLHEAD EQUIPMENT SURFACE 0331,0202 SURFACE CASING 0331,0206 SURFACE CASING 0331,0208 PRODUCTION CSG/TIE BACK 0331,0208 PRODUCTION CSG/TIE BACK 0331,0211 PERMANENT DOWNHOLE EQUIPMENT 0331,0221 SURFACE EQUIPMENT 031,0221 SURFACE EQUIPMENT 031,0221 SURFACE EQUIPMENT 031,0221 SURFACE EQUIPMENT 031,0221 SURFACE EQUIPMENT 031,021 SURFACE EQUIPMENT 031,021 SURFACE EQUIPMENT 031,021 SURFACE EQUIPMENT 031,021 SURFACE EQUIPMENT 04 SURFACE EQUIPMENT 04 SURFACE EQUIPMENT 04 COTTON EQUIPMENT FREIGHT			0336.0042	150,727			150,727
FL/GL - ON PAD LABOR Image: Constraint of the second sec			0336.0043	44,672	0334.0043	0	44,672
FL/GL - LABOR Image: Supervision SURVEY Image: Supervision AID IN CONSTRUCT/3RD PARTY CONNECT Image: Supervision CONTINGENCY - PIPELINE Image: Supervision Image: Supervision Supervision VELLHEAD EQUIPMENT SURFACE 0331.0202 CONDUCTOR PIPE 0331.0207 SURFACE CASING 0331.0207 SURFACE CASING 0331.0208 RODUCTION CSG/TIE BACK 0331.0211 PERMANENT DOWNHOLE EQUIPMENT 0331.0211 SURFACE EQUIPMENT 0331.0221 TUBING Image: Supervision Supervision SURFACE EQUIPMENT Image: Supervision Su			0336.0106	12,277			12,277
FL/GL - SUPERVISION Image: Construct Supervision SURVEY Image: Construct Supervision AID IN CONSTRUCT/3RD PARTY CONNECT CONTINGENCY - PIPELINE Total Intangible Cost 2,975,0 WELLHEAD EQUIPMENT SURFACE 0331,0202 SURFACE CASING 0331,0205 SURFACE CASING 0331,0206 NITERMEDIATE CASING I 0331,0207 PRODUCTION CSG/TIE BACK 0331,0211 245,00 231,0225 PS0,00 59,0 WATER STRING CASING 0331,0226 SURFACE EQUIPMENT 0331,0221 SURFACE EQUIPMENT 0331,0221 SURFACE EQUIPMENT 0331,0221 SURFACE EQUIPMENT 0331,0208 SURFACE EQUIPMENT 0331,0221 GATHERING FCUIPMENT 0331,020 GATHERING FCUIPMENT 0331,020 FALLTY ELECTRICAL 04 PRODUCTION EQUIPMENT FREIGHT 04 FL/GL - MATERIALS 04 SHORT ORDERS 04 PUMPS 04			0336.0107	101,729			101,729
SURVEY Image: Survey and Discover Survey Connect Image: Survey S			0336.0108	56,083			56,083
AID IN CONSTRUCT/3RD PARTY CONNECT CONTINGENCY - PIPELINE Total Intragible Cost Total Intragible Cost VELLHEAD EQUIPMENT SURFACE 0331.0202 SURFACE CASING CONDUCTOR PIPE 0331.0207 SURFACE CASING 0331.0208 PRODUCTION CSG/TIE BACK 0331.021 245,00 PERMANENT DOWNHOLE EQUIPMENT 0331.0215 SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT VELL AUTOMATION MATERIALS METERING FCUIPMENT LEASE AUTOMATION MATERIALS METERING EQUIPMENT LEASE AUTOMATION MATERIALS METERING EQUIPMENT LEASE AUTOMATION MATERIALS METERING EQUIPMENT LEASE AUTOMATION MATERIALS SHORT ORDERS SHORT ORDERS WALKOVERS MEL AUTOMATION EQUIPMENT VALIA SUPPORTING AUTOMATERIALS SHORT ORDERS VALIA SUPPORTING AUTOMATERIALS SHORT ORDERS VALIA SUPPORTING AUTOMATERIALS SHORT ORDERS VALKOVERS VALK			0336.0109	10,816			10,816
CONTINGENCY - PIPELINE International Intengible Cost 2,975,02 WELLHEAD EQUIPMENT SURFACE 0331,0202 256,0 CONDUCTOR PIPE 0331,0207 277,0,0 SURFACE CASING 0331,0207 277,0,0 INTERMEDIATE CASING I 0331,0208 781,8 PRODUCTION CSG/TIE BACK 0331,0211 245,0 PERMANENT DOWNHOLE EQUIPMENT 0331,021 70,0 TUBING 0331,0221 70,0 TUBING 0331,0221 70,0 SURFACE EQUIPMENT 0331,0221 70,0 TUBING 0331,0221 70,0 SURFACE EQUIPMENT 0331,0221 70,0 VC LEASE EQUIPMENT 0331,0221 70,0 GATHERING/FLOWLINES 1 1 TANKS, STEPS, STARS 1 1 METERING/FLOWLINES 1 1 TANKS, STEPS, STARS 1 1 PRODUCTION EQUIPMENT 1 1 LEASE AUTOMATION MATERIALS 1 1 SHORT ORDERS 1 1 <			0336.0112	5,246			5,246
Total Intangible Cost 2,975,0 WELLHEAD EQUIPMENT SURFACE 0331,0202 56,0 CONDUCTOR PIPE 0331,0207 6,0 SURFACE CASING 0331,0207 277,0 INTERMEDIATE CASING I 0331,0208 781,8 PRODUCTION CSG/TIE BACK 0331,0211 245,0 PERMANENT DOWNHOLE EQUIPMENT 0331,0221 59,0 WATER STRING CASING 0331,0221 59,0 WATER STRING CASING 0331,0221 70,0 TUBING Gathermore 6 SURFACE EQUIPMENT Gathermore 6 V/C LEASE EQUIPMENT Gathermore 76,0 GATHERING FC, STAIRS Gathermore 76,0 METERING EQUIPMENT Gathermore 76,0 LEASE AUTOMATION MATERIALS Gathermore 76,0 FAILUTY ELECTRICAL PRODUCTION EQUIPMENT FREIGHT 76,0 FU/GL - MATERIALS SHORT ORDERS 50,00 FUMPS Gutty ELECTRICAL 76,00			0336.0144	75,716			75,716
WELLHEAD EQUIPMENT SURFACE 0331.0202 56,0 CONDUCTOR PIPE 0331.0206 6,0 SURFACE CASING 0331.0207 277,0 INTERMEDIATE CASING I 0331.0207 781,8 PRODUCTION CSG/TIE BACK 0331.0211 245,00 PRMANENT DOWNHOLE EQUIPMENT 0331.0221 70,00 WATER STRING CASING 0331.0221 70,00 SURFACE EQUIPMENT USA10.021 70,00 SURFACE EQUIPMENT GATHERING/FLOWLINES GATHERING/FLOWLINES TANKS, STEPS, STAIRS METERING EQUIPMENT EASE AUTOMATION MATERIALS FACILITY ELECTRICAL PRODUCTION EQUIPMENT FREIGHT FL/CL - MATERIALS FL/CL - MATERIALS SHORT ORDERS SHORT ORDERS PUMPS WALKOVERS SURFACE AUGINATION MATERIALS			0336.0191	35,803			35,803
WELLHEAD EQUIPMENT SURFACE 0331.0202 56,0 CONDUCTOR PIPE 0331.0206 6,0 SURFACE CASING 0331.0207 277,0 INTERMEDIATE CASING I 0331.0207 781,8 PRODUCTION CSG/TIE BACK 0331.0211 245,00 PRMANENT DOWNHOLE EQUIPMENT 0331.0221 70,00 WATER STRING CASING 0331.0221 70,00 SURFACE EQUIPMENT USA10.021 70,00 SURFACE EQUIPMENT GATHERING/FLOWLINES GATHERING/FLOWLINES TANKS, STEPS, STAIRS METERING EQUIPMENT EASE AUTOMATION MATERIALS FACILITY ELECTRICAL PRODUCTION EQUIPMENT FREIGHT FL/CL - MATERIALS FL/CL - MATERIALS SHORT ORDERS SHORT ORDERS PUMPS WALKOVERS SURFACE AUGINATION MATERIALS	0	3,946,000		708,425		212,193	7,841,618
CONDUCTOR PIPE 0331.0206 6,0 SURFACE CASING 0331.0207 277,0 INTERMEDIATE CASING I 0331.0208 781,8 PRODUCTION CSG/TIE BACK 0331.0211 245,0 PREMANENT DOWNHOLE EQUIPMENT 0331.0221 59,0 WATER STRING CASING 0331.0221 70,0 TUBING USURACE EQUIPMENT 0331.0221 70,0 SURFACE EQUIPMENT SURFACE EQUIPMENT 1 1 WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT 1 1 1 TANKS, STEPS, STAIRS METERING EQUIPMENT 1		38,000			0334.0202	10,000	104,000
SURFACE CASING 0331.0207 277,0 INTERMEDIATE CASING I 0331.0208 781,8 PRODUCTION CSG/TIE BACK 0331.0211 245,0 PERMANENT DOWNHOLE EQUIPMENT 0331.0215 59,0 WATER STRING CASING 0331.0221 70,0 TUBING 0331.0221 70,0 SURFACE EQUIPMENT 0331.0221 70,0 VOLTAGE EQUIPMENT 031.021 0 SURFACE EQUIPMENT 031.021 0 GATHERING/FLOWLINES 031.021 0 TAINS, STEPS, STARS 0 0 METERING EQUIPMENT 0 0 EASE AUTOMATION MATERIALS 0 0 PRODUCTION EQUIPMENT 0 0 FAILES 0 0 PRODUCTION EQUIPMENT FREIGHT 0 0 FU/GL - MATERIALS 0 0 SHORT ORDERS 0 0 PUMPS 0 0 WALKOVERS 0 0		50,000				10,000	6,000
INTERMEDIATE CASING I 0331.0208 781,8 PRODUCTION CSG/TIE BACK 0331.0211 245,0 PERMANENT DOWNHOLE EQUIPMENT 0331.0215 55,0 WATER STRING CASING 0331.0221 70,0 TUBING SURFACE EQUIPMENT WELL AUTOMATION MATERIALS N/C LEASE EQUIPMENT V/C LEASE EQUIPMENT CATHERING FQUIPMENT LEASE AUTOMATION MATERIALS TANKS, STEPS, STAIRS METERING EQUIPMENT LEASE AUTOMATION MATERIALS FACILITY ELECTRICAL PRODUCTION EQUIPMENT FREIGHT FL/GL - MATERIALS SHORT ORDERS PUMPS WALKOVERS							277,000
PRODUCTION CSG/TIE BACK 0331.0211 245.0 PERMANENT DOWNHOLE EQUIPMENT 0331.0215 59.0 WATER STRING CASING 0331.0221 70.0 UBING SURFACE EQUIPMENT 59.0 SURFACE EQUIPMENT 59.0 59.0 VIC LEASE EQUIPMENT 59.0 59.0 GATHERING/FLOWLINES 59.0 59.0 TANKS, STEPS, STAIRS 59.0 59.0 METERING EQUIPMENT 59.0 59.0 LEASE AUTOMATION MATERIALS 59.0 59.0 FAILUTY ELECTRICAL 59.0 59.0 PRODUCTION EQUIPMENT FREIGHT 59.0 59.0 FL/GL - MATERIALS 59.0 59.0 SHORT ORDERS 59.0 59.0 PUMPS 59.0 59.0 WALKOVERS 59.0 59.0							781,800
PERMANENT DOWNHOLE EQUIPMENT 0331.0215 550,0 WATER STRING CASING 0331.0221 70,0 TUBING 0331.0221 70,0 SURFACE EQUIPMENT 0331.0216 70,0 WeLL AUTOMATION MATERIALS 0 0 N/C LEASE EQUIPMENT 0 0 GATHERING/FLOUPMENT 1 0 TANKS, STEPS, STAIRS 0 0 METERING EQUIPMENT 1 0 LEASE AUTOMATION MATERIALS 1 0 PRODUCTION EQUIPMENT 1 0 FACILITY ELECTRICAL 1 0 PRODUCTION EQUIPMENT FREIGHT 1 0 FU/GL - MATERIALS 1 0 SHORT ORDERS 1 0 PUMPS 1 0 WALKOVERS 1 0		0					
WATER STRING CASING 0331.0221 70,0 TUBING 0 0 SURFACE EQUIPMENT 0 0 WELL AUTOMATION MATERIALS 0 0 NC LEASE EQUIPMENT 0 0 GATHERING/FLOWLINES 0 0 TANKS, STEPS, STAIRS 0 0 HETERING EQUIPMENT 0 0 LEASE AUTOMATION MATERIALS 0 0 FACILITY ELECTRICAL 0 0 PRODUCTION EQUIPMENT FREIGHT 0 0 FL/G - MATERIALS 0 0 SHORT ORDERS 0 0 WALKOVERS 0 0	-	0			0334.0215	0	245,000
TUBING CALL CALL CALL CALL CALL CALL CALL CAL	-	0			JJJ T .UE1J	U	59,000
SURFACE EQUIPMENT WELL AUTOMATION MATERIALS //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	0333.0201	276.000			0334.0201	0	70,000
WELL AUTOMATION MATERIALS Image: Comparison of the com	0333.0201	276,000				15.000	276,000
N/C LEASE EQUIPMENT GATHERING/FLOWLINES GATHERING/FLOWLINES TANKS, STEPS, STAIRS METERING EQUIPMENT LEASE AUTOMATION MATERIALS FACILITY ELECTRICAL PRODUCTION EQUIPMENT FREIGHT FL/GL - MATERIALS SHORT ORDERS PUMPS WALKOVERS					0334.0203	15,000	15,000
GATHERING/FLOWLINES TANKS, STEPS, STAIRS METERING EQUIPMENT LEASE AUTOMATION MATERIALS FACILITY ELECTRICAL PRODUCTION EQUIPMENT FREIGHT FL/GL - MATERIALS SHORT ORDERS PUMPS WALKOVERS					0334.0329	5,000	5,000
TANKS, STEPS, STAIRS METERING EQUIPMENT LEASE AUTOMATION MATERIALS FACILITY ELECTRICAL PRODUCTION EQUIPMENT FREIGHT FL/GL - MATERIALS SHORT ORDERS PUMPS WALKOVERS			0336.0303	157,110	0334.0303	0	157,110
METERING EQUIPMENT LEASE AUTOMATION MATERIALS FACILITY ELECTRICAL PRODUCTION EQUIPMENT FREIGHT FL/GL - MATERIALS SHORT ORDERS PUMPS WALKOVERS			0336.0315	160,409	0334.0315	0	160,409
LEASE AUTOMATION MATERIALS FACILITY ELECTRICAL PRODUCTION EQUIPMENT FREIGHT FL/GL - MATERIALS SHORT ORDERS PUMPS WALKOVERS			0336.0317	74,039			74,039
FACILITY ELECTRICAL PRODUCTION EQUIPMENT FREIGHT FL/GL - MATERIALS SHORT ORDERS PUMPS WALKOVERS			0336.0321	24,445			24,445
PRODUCTION EQUIPMENT FREIGHT FL/GL - MATERIALS SHORT ORDERS PUMPS WALKOVERS			0336.0322	45,970			45,970
FL/GL - MATERIALS SHORT ORDERS PUMPS WALKOVERS			0336.0324	66,034			66,034
SHORT ORDERS PUMPS WALKOVERS			0336.0327	23,256			23,256
PUMPS WALKOVERS			0336.0331	19,956			19,956
WALKOVERS			0336.0332	4,326			4,326
			0336.0333	33,585			33,585
BATTERY (HTR TRTR, SEPAR, GAS T)			0336.0334	6,490			6,490
			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	43,430			43,430
FACILITY LINE PIPE			0336.0339				
	0	214.000	000000000	30,070		20.000	30,070
Total Tangible Cost 1,494,8 Total Estimated Cost 4,469,8		314,000 4,260,000	<u> </u>	941,575 1,650,000	<u> </u>	30,000 242,193	2,780,375 10,621,993

COM 303H

COI	M 303H	Duillin -			Come (China	
Description	Codes	Drilling	Amount	Codes	Comp/Stim	Amour
LAND/LEGAL/CURATIVE	0331.0002		10,000	codes		/ inour
DAMAGES	0331.0005		20,000			
PAD CLEANUP	0331.0024		0	0333.0024		10,00
ROAD/PAD CONSTRUCTION	0331.0030		100,000	0000021		10,00
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	0331.0040			0333.0040		44,000
			758,000	0222.0055		
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			
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	0331.0130		145,000	0333.0083		
FRAC TREE RENTAL				0333.0098		155,000
FLOWBACK SERVICES				0333.0098		
						0
BRIDGE PLUGS/FRAC PLUGS				0333.0110		40,000
STIMULATION/FRACTURING				0333.0135		2,481,000
PERFORATING & WIRELINE SERVICES				0333.0136		283,000
COMPLETION RIG/WORKOVER RIG				0333.0150		21,000
COIL TUBING SERVICES				0333.0151		168,000
SWD - PIPED TO 3RD PARTY SWD WELL						
MECHANICAL LABOR						
AUTOMATION LABOR						
IPC & EXTERNAL PAINTING						
FL/GL - ON PAD LABOR						
FL/GL - LABOR						
FL/GL - SUPERVISION						
SURVEY						
AID IN CONSTRUCT/3RD PARTY CONNECT						
CONTINGENCY - PIPELINE						
Total Intangible Cost			2,975,000			3,946,000
WELLHEAD EQUIPMENT SURFACE	0331.0202		56,000	0333.0202		38,000
CONDUCTOR PIPE	0331.0202			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		C
PERMANENT DOWNHOLE EQUIPMENT	0331.0215		59,000	0333.0215		C
WATER STRING CASING	0331.0221		70,000			
TUBING				0333.0201		276,000
SURFACE EQUIPMENT						
WELL AUTOMATION MATERIALS						
N/C LEASE EQUIPMENT						
GATHERING/FLOWLINES						
TANKS, STEPS, STAIRS						
METERING EQUIPMENT						
LEASE AUTOMATION MATERIALS						
FACILITY ELECTRICAL						
PRODUCTION EQUIPMENT FREIGHT						
FL/GL - MATERIALS						
SHORT ORDERS						
PUMPS						
WALKOVERS						
BATTERY (HTR TRTR,SEPAR,GAS T)						
SECONDARY CONTAINMENTS						
OVERHEAD POWER DISTR (TO FACILITY)						
TELECOMMUNICATION EQUIPMENT						
FACILITY LINE PIPE						
Total Tangible Cost	1		1,494,800			314,000

COM 303H

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		Production Equip			Post Completion		Total
Description	Codes		Amount	Codes		Amount	Co
LAND/LEGAL/CURATIVE	0336.0002		0				10,00
DAMAGES	0336.0005		2,056				22,05
PAD CLEANUP	000000		2,050	0334.0024		2 000	
	0226 0020		24.002	0334.0024		3,000	13,00
ROAD/PAD CONSTRUCTION	0336.0030		34,883				134,88
CONDUCTOR, MOUSE HOLE & CELLAR							20,00
RIG MOBILIZE/DEMOBILIZE							110,00
SUPERVISION	0336.0040		18,928	0334.0040		5,000	157,92
DRILLING RIG							758,00
CASING CREW							43,00
TUBULAR INSPECTIONS				0334.0056		0	64,00
WELDING/ROUSTABOUTS/LEASE CREWS				0334.0059		5,000	30,00
RIG FUEL				0334.0071			
WATER & TRANSFER/TRUCKING (NOT DRLG				0334.0073		0	87,00
				0554.0075		0	45,00
DRILL BITS							62,00
DRILLING MUD & ADDITIVES							285,00
DIRECTIONAL DRILLING SERVICES							319,00
DOWNHOLE RENTALS				0334.0095		0	186,00
SURFACE RENTALS	0336.0096		2,001	0334.0096		60,000	290,00
SOLIDS CONTROL EQUIP/SERVICES							35,00
OTHER RIG/MISC EXPENSES	0336.0116		22,714	0334.0116		0	202,71
PRIMARY CEMENTING	0000.0110		22,114			0	
				0224.0120			243,00
WELL CONTROL EQUIP/SERVICES	000000110			0334.0130		0	226,00
OVERHEAD	0336.0142		27,312				42,31
MUD DISPOSAL LABOR/EQUIP							177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0336.0190		107,462	0334.0190		0	438,46
STIMULATION FLUID				0334.0083		0	155,00
FRAC TREE RENTAL				0334.0098		0	60,00
FLOWBACK SERVICES				0334.0102		30,000	30,00
BRIDGE PLUGS/FRAC PLUGS				0334.0110		0	
STIMULATION/FRACTURING				0334.0135			40,00
						0	2,481,00
PERFORATING & WIRELINE SERVICES				0334.0136		0	283,00
COMPLETION RIG/WORKOVER RIG				0334.0150		0	21,00
COIL TUBING SERVICES				0334.0151		0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL				0334.0172		109,193	109,193
MECHANICAL LABOR	0336.0042		150,727				150,72
AUTOMATION LABOR	0336.0043		44,672	0334.0043		0	44,67
IPC & EXTERNAL PAINTING	0336.0106		12,277			-	12,27
FL/GL - ON PAD LABOR	0336.0107						
			101,729				101,72
FL/GL - LABOR	0336.0108		56,083				56,08
FL/GL - SUPERVISION	0336.0109		10,816				10,81
SURVEY	0336.0112		5,246				5,24
AID IN CONSTRUCT/3RD PARTY CONNECT	0336.0144		75,716				75,71
CONTINGENCY - PIPELINE	0336.0191		35,803				35,80
Total Intangible Co	ost		708,425			212,193	7,841,61
WELLHEAD EQUIPMENT SURFACE				0334.0202		10,000	104,00
CONDUCTOR PIPE						10,000	6,00
SURFACE CASING							
							277,00
INTERMEDIATE CASING I							781,80
PRODUCTION CSG/TIE BACK							245,00
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	59,00
WATER STRING CASING							70,00
TUBING				0334.0201		0	276,00
SURFACE EQUIPMENT				0334.0203		15,000	15,00
WELL AUTOMATION MATERIALS				0334.0329		5,000	5,00
N/C LEASE EQUIPMENT	0336.0303		157.440	0334.0323			
			157,110			0	157,110
GATHERING/FLOWLINES	0336.0315		160,409	0334.0315		0	160,40
TANKS, STEPS, STAIRS	0336.0317		74,039				74,03
METERING EQUIPMENT	0336.0321		24,445				24,44
LEASE AUTOMATION MATERIALS	0336.0322		45,970				45,97
FACILITY ELECTRICAL	0336.0324		66,034				66,03
PRODUCTION EQUIPMENT FREIGHT	0336.0327		23,256				23,25
FL/GL - MATERIALS	0336.0331		19,956				19,95
SHORT ORDERS	0336.0332						
PUMPS			4,326				4,32
	0336.0333		33,585				33,58
WALKOVERS	0336.0334		6,490				6,49
BATTERY (HTR TRTR,SEPAR,GAS T)	0336.0335		240,288				240,28
SECONDARY CONTAINMENTS	0336.0336		9,843				9,84
OVERHEAD POWER DISTR (TO FACILITY)	0336.0337		45,430				45,43
TELECOMMUNICATION EQUIPMENT	0336.0338		324				32
FACILITY LINE PIPE	0336.0339		30,070				30,07
Total Tangible Co			941,575			30,000	2,780,37
Total Estimated Cos			1,650,000				10,621,99

O COTERRA	Authorization For Expenditure	Drilling		AFE # PAF0000103
Company Entity CIMAREX ENERGY CO (999901)			Date Prepared 8/2/2023
Exploration Region	Well Name	Prospect	Property Numbe	r AFE
PERMIAN BASIN	MIGHTY PHEASANT 5-8 FED COM 212H		411504568	PAF0000103
County, State	Location		Estimated Spud	Estimated Completion
LEA, NM	Sections 5 and 8 20S-34E		5/27/2024	
X New	Formation	Well Type	Ttl Measured Depth	Ttl Vetical Depth
Supplement Revision	Bone Spring		19,600	10,000

Purpose Mighty Pheasant 5-8 Fed Com 212H

Description

Intangible	Cost
Drilling Costs	\$2,975,000
Completion Costs	\$4,479,927
Total Intangible Cost	\$7,454,927
Tangible	Cost
Tangible	\$2,197,066
Total Tangible Cost	\$2,197,066
Total Well Cost	\$9,651,993

Comments On Well Costs

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.					

AFE # PAF0000103

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000100				

		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			10,00
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							20,00
RIG MOBILIZE/DEMOBILIZE	0331.0035	110,000							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		1,000		1 1,100		3,000	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	
WELDING/ROUSTABOUTS/LEASE CREWS									64,00
	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	0331.0073	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							285,00
DIRECTIONAL DRILLING SERVICES	0331.0090	319,000							319,00
DOWNHOLE RENTALS	0331.0095	141,000	0333.0095	45,000			0334.0095	0	186,00
SURFACE RENTALS	0331.0096	98,000	0333.0096	130,000	0336.0096	3,333	0334.0096	60,000	291,33
SOLIDS CONTROL EQUIP/SERVICES	0331.0097	35,000		130,000		5,555		00,000	35,00
OTHER RIG/MISC EXPENSES	0331.0037		0333.0116	100.000	0336.0116	14 400	0334.0116	0	
		71,000	0000.0110	109,000	00000110	14,400	0334.0110	0	194,40
PRIMARY CEMENTING	0331.0120	243,000					00046-55		243,00
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000			0334.0130	0	226,00
OVERHEAD	0331.0142	15,000	0333.0142	0	0336.0142	16,533			31,53
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000					177,00
CONTINGENCY - DRLG, COMP, PCOM, FAC	0331.0190	143,000	0333.0190	188,000	0336.0190	31,867	0334.0190	0	362,86
STIMULATION FLUID			0333.0083	155,000			0334.0083	0	155,00
FRAC TREE RENTAL			0333.0098	60,000			0334.0098	0	60,00
FLOWBACK SERVICES			0333.0102	0			0334.0102	30,000	30,00
BRIDGE PLUGS/FRAC PLUGS			0333.0110	40,000			0334.0110	0	40,000
STIMULATION/FRACTURING			0333.0135				0334.0135		
				2,481,000				0	2,481,00
PERFORATING & WIRELINE SERVICES			0333.0136	283,000			0334.0136	0	283,00
COMPLETION RIG/WORKOVER RIG			0333.0150	21,000			0334.0150	0	21,00
COIL TUBING SERVICES			0333.0151	168,000			0334.0151	0	168,00
SWD - PIPED TO 3RD PARTY SWD WELL							0334.0172	109,193	109,19
MECHANICAL LABOR					0336.0042	88,400			88,40
AUTOMATION LABOR					0336.0043	31,733	0334.0043	0	31,73
IPC & EXTERNAL PAINTING					0336.0106	16,400			16,40
FL/GL - ON PAD LABOR					0336.0107	84,000			84,00
FL/GL - SUPERVISION					0336.0109	11,867			11,86
SURVEY					0336.0112				
						1,467			1,46
CONTINGENCY - PIPELINE					0336.0191	2,000			2,00
Total Intangible Cost		2,975,000		3,946,000		321,734		212,193	7,454,92
WELLHEAD EQUIPMENT SURFACE	0331.0202	56,000	0333.0202	38,000			0334.0202	10,000	104,000
CONDUCTOR PIPE	0331.0206	6,000							6,00
SURFACE CASING	0331.0207	277,000							277,00
INTERMEDIATE CASING I	0331.0208	781,800							781,80
PRODUCTION CSG/TIE BACK	0331.0211	245,000	0333.0211	0					245,00
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	0			0334.0215	0	59,00
WATER STRING CASING	0331.0221	70,000		0				Ŭ	70,00
TUBING	THE REAL PROPERTY	, 0,000	0333.0201	276 000			0334.0201	0	
			3333.0201	276,000					276,00
							0334.0203	15,000	15,00
WELL AUTOMATION MATERIALS							0334.0329	5,000	5,00
N/C LEASE EQUIPMENT					0336.0303	90,000	0334.0303	0	90,00
GATHERING/FLOWLINES					0336.0315	33,733	0334.0315	0	33,73
METERING EQUIPMENT					0336.0321	16,800			16,80
LEASE AUTOMATION MATERIALS					0336.0322	30,933			30,93
PRODUCTION EQUIPMENT FREIGHT					0336.0327	10,000			10,00
FL/GL - MATERIALS					0336.0331	19,467			19,46
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			11,60
Total Tangible Cost		1,494,800		314,000		358,266		30,000	2,197,06
		4,469,800		4,260,000		680,000		242,193	9,651,99

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	Drillin	na		Comp/Stim
Description	Codes	Amount	Codes	Amount
LAND/LEGAL/CURATIVE	0331.0002		coues	Amoun
		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		
			00000000	
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	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			109,000
		243,000	00000.0	
WELL CONTROL EQUIP/SERVICES	0331.0130	90,000	0333.0130	136,000
OVERHEAD	0331.0142	15,000	0333.0142	C
MUD DISPOSAL LABOR/EQUIP	0331.0165	125,000	0333.0165	52,000
CONTINGENCY - DRLG, COMP, PCOM,	0331.0190	143,000	0333.0190	188,000
	0001.0100	145,000		
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				
PC & 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	C
PERMANENT DOWNHOLE EQUIPMENT	0331.0215	59,000	0333.0215	C
WATER STRING CASING	0331.0221	70,000		
TUBING		. 0,000	0333.0201	276,000
			2000.0201	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		1,494,800		314,000

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		Production Equip			Post Completion		Total
Description	Codes		nount	Codes		Amount	Cos
LAND/LEGAL/CURATIVE	0336.0002		0				10,00
DAMAGES	0336.0005		0				20,00
PAD CLEANUP				0334.0024		3,000	13,00
ROAD/PAD CONSTRUCTION	0336.0030		5,334				105,334
CONDUCTOR, MOUSE HOLE & CELLAR							20,00
RIG MOBILIZE/DEMOBILIZE							110,000
SUPERVISION	0336.0040	1	4,400	0334.0040		5,000	153,400
DRILLING RIG			1,100			5,000	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				0001.0070		0	62,000
DRILLING MUD & ADDITIVES							
DIRECTIONAL DRILLING SERVICES							285,000
DOWNHOLE RENTALS				0334.0095		0	319,000
SURFACE RENTALS	0336.0096		2 2 2 2			0	186,000
SOLIDS CONTROL EQUIP/SERVICES	0556.0096		3,333	0334.0096		60,000	291,333
	0000 0110			0224.0116			35,000
OTHER RIG/MISC EXPENSES	0336.0116	1	4,400	0334.0116		0	194,400
PRIMARY CEMENTING							243,000
WELL CONTROL EQUIP/SERVICES				0334.0130		0	226,000
OVERHEAD	0336.0142	1	6,533				31,533
MUD DISPOSAL LABOR/EQUIP							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	8	8,400				88,400
AUTOMATION LABOR	0336.0043		1,733	0334.0043		0	31,733
IPC & EXTERNAL PAINTING	0336.0106		6,400				16,400
FL/GL - ON PAD LABOR	0336.0107		4,000				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			21,734			212,193	7,454,927
WELLHEAD EQUIPMENT SURFACE			1,754	0334.0202			
CONDUCTOR PIPE				0334.0202		10,000	104,000
							6,000
SURFACE CASING							277,000
							781,800
PRODUCTION CSG/TIE BACK				0224.0215			245,000
PERMANENT DOWNHOLE EQUIPMENT				0334.0215		0	59,000
WATER STRING CASING				000 4 000 5			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	9	0,000	0334.0303		0	90,000
GATHERING/FLOWLINES	0336.0315	3	3,733	0334.0315		0	33,733
METERING EQUIPMENT	0336.0321	1	6,800				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		8,400				128,400
SECONDARY CONTAINMENTS	0336.0336		5,333				5,333
FACILITY LINE PIPE	0336.0339		1,600				11,600
Total Tangible Cost			8,266			30,000	2,197,066