Cimarex Energy Co. 600 N. Marienfeld St. Suite 600 Midland, Texas 79701 PHONE 432.571.7800



October 28, 2008

## Via facsimile and Certified U.S. Mail-Return Receipt Requested No. 7007 0710 0003 0317 3526

COG Oil & Gas LP 550 West Texas Ave, Suite 1300 Midland, Texas 79701

Attn: Jan Preston Spradlin

## Re: Cimarex Energy Co's. Antietam 10 Federal Com No. 1-H N/2S/2 Section 10-T15S-R31E Chaves County, New Mexico

Dear Jan:

Cimarex Energy Co. ("Cimarex") hereby proposes to drill the above-captioned well, a horizontallower Abo test, to a vertical depth of approximately 9,250' from a legal surface location in the NE/4SE/4 of the captioned section, township and range. We will then kick-off up the wellbore and continue to drill an estimated 4,500' lateral leg to a legal bottom hole located in the NW/4SW/4 of said section, township and range. Cimarex' projected true vertical depth is approximately 8,800' and our final measured depth is approximately 13,000'.

Enclosed are two (2) copies of our AFE in the total amount of \$ 4,668,648.00 that sets forth our estimated cost to drill and complete the well. If you would like to participate in the well, please sign and return a copy of the AFE to the undersigned at the above-letterhead address. Our proposed form of operating agreement will be delivered upon receipt of your election to participate in the well. If you choose not to participate in the well, Cimarex would be interested in a term assignment or farmout of your leasehold interest in this proposed unit.

If there is anything further that you should require in regard to this matter, please do not hesitate to call upon us. Thank you very much.

Regards,

CDYLA REX ENERGY CO.

Hayden P. Třesne Landman



## PROJECT COST ESTIMATE

······							1H	
NTANGIBLES				Codes	DRY HOLE COST	Codes	AFTER CASING POINT	COMPLETE WELL COS
ROADS & LOCATION PREPARATION / RESTORATION				DIDC.100		DICC.100	\$3,000	\$113.0
DAMAGES				DIDC.105		DICC.105		\$6,0
				DIDC.105		DICC.235	40.000	\$68,0
AUD/FLUIDS DISPOSAL CHARGES							40,000	
AY RATE 41 DH DAYS 8 ACP DA		-1	PER DAY	DIDC.115		DICC.120	117,400	\$745,4
AISC PREPARATION COST (mouse hole, rat hole, pads, pile	e clusters, n	nisc.)		DIDC.120		[[[[[]]]]]		\$16,0
BITS				DIDC.125		DICC.125	1,000	\$66,
UEL \$2.80 PER GALLON			Gals/Day	DIDC.135		DICC.130	7,000	\$117,
VATER / COMPLETION FLUIDS				DIDC.140	45,100	DICC.135	75,000	\$120,
IUD & ADDITIVES				DIDC.145	78,400			\$78,
URFACE RENTALS				DIDC.150	53,700	DICC.140	83,200	\$136,
OWNHOLE RENTALS				DIDC.155	138,000	DICC.145	28,200	\$166,
ORMATION EVALUATION (DST, Coring including evaluatio	n, G&G SE	RVICES)		DIDC.160		7/////		
/UD LOGGING 26 DAYS @ \$1,200	PER DAY			DIDC.170	38,200			\$38
PEN HOLE LOGGING				DIDC.180	40,000	111111		\$40
EMENTING & FLOAT EQUIPMENT				DIDC.185		DICC.155	37,000	\$87
UBULAR INSPECTIONS				DIDC.190		DICC.160	6,000	\$11
ASING CREWS				DIDC.195		DICC.165	30,000	\$46
XTRA LABOR, WELDING, ETC.				DIDC.200		DICC.170	5,000	\$29
AND TRANSPORTATION (Trucking)				DIDC.205		DICC.175	2,800	\$27
				DIDC.210		DICC.180	22,400	\$105
RAILER HOUSE/CAMP/CATERING				DIDC.280		DICC.255	4,000	\$33
THER MISC EXPENSES				DIDC.220		DICC.190	1,000	\$13
VERHEAD				DIDC.225	12,300	DICC.195	4,500	\$16
EMEDIAL CEMENTING				DIDC.231		DICC.215		
IOB/DEMOB				DIDC.240	120,000	/////	X/////////////////////////////////////	\$120
IRECTIONAL DRILLING SERVICES 17	DAYS @	12000	PER DAY	DIDC.245	222,000	7/////		\$222
OCK, DISPATCHER, CRANE				DIDC.250		DICC.230	<u> </u>	·
ARINE & AIR TRANSPORTATION				DIDC.275		DICC.250		
OLIDS CONTROL				DIDC.260	189,600	7777777	mmm	\$189
				DIDC.265		DICC.240	10,500	\$97
							10,500	
				DIDC.270	75,000	DICC.245		\$75
	1600	PER DAY		4444		DICC.115		\$32
	8000	PER DAY		ЩЩ	<i>\////////////////////////////////////</i>	DICC.260	38,000	\$38
COMPLETION LOGGING, PERFORATING, WL UNITS, WL	SURVEYS		-	/////		DICC.200	10,000	\$10
						DICC.210	444,000	\$444
EGAL/REGULATORY/CURATIVE				DIDC.300		DICC.280		\$5
WELL CONTROL INSURANCE \$0.35 PER FOOT				DIDC.285	4,518		X/////////////////////////////////////	\$4
CONTINGENCY 5% OF DRILLING INTANGIBLES				DIDC.435	112,133	DICC.220	51,910	\$164
CONSTRUCTION FOR WELL EQUIPMENT					X/////////////////////////////////////	DWEA.110	1,000	
CONSTRUCTION FOR LEASE EQUIPMENT						000004.110	1,000	\$1
				//////		DLEQ.110		
CONSTRUCTION FOR SALES P/L	6116469					DLEQ.110 DICC.265	35,000	\$1 \$35
CONSTRUCTION FOR SALES P/L					<u>                                     </u>	DLEQ.110 DICC.265	35,000	\$35
CONSTRUCTION FOR SALES P/L	SIZE	FEET	\$/FOOT		() () () () () () () () () () () () () (	DLEQ.110 DICC.265	35,000	\$35
ONSTRUCTION FOR SALES P/L				DWEB.150		DLEQ.110 DICC.265	35,000	\$35
ONSTRUCTION FOR SALES P/L OTAL INTANGIBLE COST IN INTERNAL INFORMATION ANGIBLE - WELL EQUIPMENT CASING						DLEQ.110 DICC.265	35,000	\$35
ONSTRUCTION FOR SALES P/L OTAL: INTANGIBLE COST.	SIZE	FEET	\$/FOOT	DWEB.150	4,000	DLEQ.110 DICC.265	35,000	\$35
ONSTRUCTION FOR SALES P/L OTAL: INTANGIBLE COST.	SIZE	FEET	\$/FOOT	DWEB.150 DWEB.130	4,000	DLEQ.110 DICC.265	35,000	\$35 
ONSTRUCTION FOR SALES P/L OTAL: INTANGIBLE COST.	SIZE	FEET 70	\$/FOOT 95.00	DWEB.150 DWEB.130 DWEB.135 DWEB.140	4,000	DLEQ.110 DICC.265	35,000	\$35 
ONSTRUCTION FOR SALES P/L OTAL: INTANGIBLE COST::::::::::::::::::::::::::::::::::::	SIZE 20 " 13 3/8"	FEET 70 340	\$/FOOT 95.00 81.60	DWEB.150 DWEB.130 DWEB.135	4,000	DLEQ.110 DICC.265	35,000	\$35 
ONSTRUCTION FOR SALES P/L OTAL:INTANGIBLE COST::::::::::::::::::::::::::::::::::::	SIZE 20 " 13 3/8"	FEET 70 340	\$/FOOT 95.00 81.60	DWEB.150 DWEB.130 DWEB.145 DWEB.145 DWEB.145	4,000 27,744 202,438	DLEQ.110 DICC.265	35,000	\$35 
ONSTRUCTION FOR SALES P/L OTAL:INTANGIBLE COST::::::::::::::::::::::::::::::::::::	SIZE 20 " 13 3/8" 8 5/8"	70 70 340 3,950	\$/FOOT 95.00 81.60 51.25	DWEB.150 DWEB.130 DWEB.135 DWEB.140 DWEB.145	4,000 27,744 202,438	DLEQ.110 DICC.265	35,000	\$35 [[]]][ <b>\$3</b> ,519 
ONSTRUCTION FOR SALES P/L OTAL: INTANGIBLE COST::::::::::::::::::::::::::::::::::::	SIZE 20 " 13 3/8" 8 5/8" 5 1/2"	FEET 70 340 3,950  9,250	\$/FOOT 95.00 81.60	DWEB.150 DWEB.130 DWEB.145 DWEB.145 DWEB.145	4,000 27,744 202,438	DLEQ.110 DICC.265	35,000	\$35
ONSTRUCTION FOR SALES P/L OTAL: INTANGIBLE COST.	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/8	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.145 DWEB.145 DWEB.145	4,000 27,744 202,438	DLEQ.110 DICC.265	35,000	\$35 
ONSTRUCTION FOR SALES P/L OTALFINTANGIBLE COST	SIZE 20 " 13 3/8" 8 5/8" 5 1/2"	FEET 70 340 3,950  9,250	\$/FOOT 95.00 81.60 51.25	DWEB.150 DWEB.130 DWEB.145 DWEB.145 DWEB.145	4,000 27,744 202,438	DLEQ.110 DICC.265	35,000	\$35 
ONSTRUCTION FOR SALES P/L OTAL INTANGIBLE COST	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/8	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.135 DWEB.145 DWEB.145 DWEB.145 DWEB.145	4,000 27,744 202,438	DLEQ.110 DICC.265	35,000	\$35 
ONSTRUCTION FOR SALES P/L OTAL: INTANGIBLE COST.	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/8	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.135 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.115	4,000 27,744 202,438	DLEQ.110 DICC.265	35,000	\$35 \$35 \$35 \$33 \$202 \$2
ONSTRUCTION FOR SALES P/L OTAL INTANGIBLE COST	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/8	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.135 DWEB.145 DWEB.145 DWEB.145 DWEB.145	4,000 27,744 202,438	DLEQ.110 DICC.265 DIC	35,000	\$35 \$35 \$35 \$33 \$202 \$2
ONSTRUCTION FOR SALES P/L OTALFINTANGIBLE COST	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/8	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.135 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.115	4,000 27,744 202,438	DLEQ.110 DICC.265 DISTRICT DICC.265 DISTRICT DICC.265 DIC	35,000	\$35 
ONSTRUCTION FOR SALES P/L OTAL'INTANGIBLE COST	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/8	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.135 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.115	4,000 27,744 202,438	DLEQ.110 DICC.265 DIST_111111 DICC.265 DIST_111111111111111111111111111111111111	35,000	\$35 \$35 \$3,519 \$4 \$27 \$202 \$345 \$74 \$108 \$6 \$43 \$125 \$110
ONSTRUCTION FOR SALES P/L OTAL'INTANGIBLE COST	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/8	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.135 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.115	4,000 27,744 202,438	DLEQ.110 DICC.265 DISTRICT DICC.265 DISTRICT DICC.265 DIC	35,000	\$35 \$35 \$3,519 \$4 \$27 \$202 \$345 \$74 \$108 \$6 \$43 \$125 \$110
ONSTRUCTION FOR SALES P/L OTAL: INTANGIBLE COST.	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/8	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.135 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.115	4,000 27,744 202,438	DLEQ.110 DICC.265 DIST_111111 DICC.265 DIST_111111111111111111111111111111111111	35,000	\$35
ONSTRUCTION FOR SALES P/L OTAL: INTANGIBLE COST.	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/8	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.135 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.115	4,000 27,744 202,438	DLEQ.110 DICC.265 DIST_111111 DICC.265 DIST_111111111111111111111111111111111111	35,000	\$35 \$35 \$3,519 \$4 \$27 \$202 \$345 \$74 \$108 \$6 \$43 \$125 \$110
ONSTRUCTION FOR SALES P/L OTAL: INTANGIBLE COST.	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/8	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.135 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.115	4,000 27,744 202,438	DLEQ.110 DICC.265 DIC	35,000	\$35 \$35 \$35 \$3,519 \$44 \$27 \$202 \$345 \$74 \$108 \$66 \$43 \$108 \$66 \$43 \$125 \$1100 \$27
ONSTRUCTION FOR SALES P/L OTAL: INTANGIBLE COST.	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/4 2 7/8"	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.135 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.115	4,000 27,744 202,438	DLEQ.110 DICC.265 DICCC.265 DI	35,000	\$35 35 345 \$44 \$108 \$44 \$108 \$443 \$125 \$110 \$110 \$443 \$127 \$443 \$112 \$110 \$112 \$110 \$112 \$110 \$127 \$110 \$127 \$108
ONSTRUCTION FOR SALES P/L OTAL: INTANGIBLE COST:	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/4 2 7/8"	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.135 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.115	4,000 27,744 202,438	DLEQ.110 DICC.265 DIC	35,000	\$35 335 335 345 344 344 345 345 3
ONSTRUCTION FOR SALES P/L OTAL: INTANGIBLE (COST. (1)) ANGIBLE - WELL EQUIPMENT ASING RIVE PIPE ONDUCTOR PIPE VATER STRING URFACE CASING VTERMEDIATE CASING RILLING LINER RILLING LINER RODUCTION CASING OR LINER RODUCTION CASING OR LINER RODUCTION TIE-BACK UBING VC WELL EQUIPMENT VELLHEAD, TREE, CHOKES INER HANGER, ISOLATION PACKER VC LEASE EQUIPMENT VC LEASE SATARS VATERY (Heater Treater, Separator, Gas Treating Equipme LOW LINES (Line Pipe from wellhead to central facility)	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/8 2 7/8" 2 7/8" ant)	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.135 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.115	4,000 27,744 202,438	DLEQ.110 DICC.265 DIC	35,000	\$35 335 335 345 344 344 345 345 3
ONSTRUCTION FOR SALES P/L OTAL: INTANGIBLE (COST. (1)) OTAL: INTANGE, ISOLATION PACKER OTAL: INTERCION (COST. (1)) OTAL: INTANGE, STAIRS OTAL: INTANGE, SECTION (COST. (1)) OTAL: INTANGE, SECTION (COST. (2)) OTAL: INTERCION (COST. (2)) OTAL: INTANGE, SECTION (COST. (2)) OTAL: INTERCION (COST. (2)) OTAL: INTANGE, SECTION (COST. (2)) OTAL: INTERCION (COST. (	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/8 2 7/8" 2 7/8" ant)	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.135 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.115	4,000 27,744 202,438	DLEQ.110 DICC.265 DIEC.265 DIEC.265 DIEC.265 DIEC.105 DIE	35,000	\$35 \$35 \$35 \$4 \$4 \$27 \$202 \$345 \$74 \$108 \$43 \$125 \$110 \$27 \$44 \$102 \$44 \$125 \$44 \$125 \$44 \$125 \$44 \$127 \$202 \$345 \$44 \$125 \$44 \$127 \$202 \$345 \$44 \$128 \$45 \$45 \$46 \$46 \$47 \$128 \$46 \$47 \$128 \$46 \$47 \$128 \$47 \$128 \$46 \$47 \$128 \$47 \$128 \$47 \$128 \$47 \$128 \$47 \$128 \$47 \$128 \$47 \$128 \$47 \$128 \$47 \$128 \$47 \$128 \$47 \$128 \$47 \$128 \$47 \$128 \$47 \$128 \$47 \$128 \$128 \$128 \$47 \$128 \$118 \$128 \$118
ONSTRUCTION FOR SALES P/L OTAL'INTANGIBLE (COST)	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/8 2 7/8" 2 7/8" ant)	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.135 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.115	4,000 27,744 202,438	DLEQ.110 DICC.265 DIEC.265 DIEC.265 DIEC.265 DIEC.265 DIEC.105 DIEC.105 DIEC.115 DIEC.115 DLEQ.115 DLEQ.115 DLEQ.115 DLEQ.115 DLEQ.115 DLEQ.115	35,000	\$35 335 335 345 344 344 345 345 3
ONSTRUCTION FOR SALES P/L OTALFINTANGIBLE COST	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/8 2 7/8" 2 7/8" ant)	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145	4,000 27,744 202,438	DLEQ.110 DICC.265 DLEQ.110 DICC.265 DLEQ.100 DVEA.100 DVE	35,000	\$35 \$35 \$35 \$35 \$35 \$35 \$27 \$202 \$345 \$74 \$102 \$44 \$102 \$44 \$102 \$44 \$102 \$44 \$1125 \$1100 \$27 \$210 \$44 \$1125 \$1100 \$210 \$44 \$1125 \$1100 \$210 \$44 \$1125 \$1100 \$210 \$44 \$1125 \$1100 \$210 \$44 \$1125 \$1100 \$210 \$44 \$1105 \$44 \$1105 \$44 \$1105 \$44 \$1105 \$44 \$1105 \$44 \$1105 \$1105 \$1105 \$1100 \$1005 \$105 \$1005
ONSTRUCTION FOR SALES P/L OTAL'INTANGIBLE COST	SIZE 20 " 13 3/8" 8 5/8" 5 1/2" 31/2 x 2-7/8 2 7/8" 2 7/8" ant)	FEET 70 340 3,950 	\$/FOOT 95.00 81.60 51.25 37.36	DWEB.150 DWEB.130 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145 DWEB.145	4,000 27,744 202,438	DLEQ.110 DICC.265 DLEQ.110 DICC.265 DLEQ.100 DVEA.100 DVE	35,000	\$35 \$35 \$35 \$27 \$202 \$345 \$74 \$102 \$44 \$1122 \$110 \$21 \$1110 \$21 \$1110 \$21 \$1110 \$21 \$1110 \$21 \$1110 \$21 \$1110 \$21 \$210

TOTAL COST \$2,828,972