

December 19, 2018

Devon Energy Production Co., LP 333 W. Sheridan Ave Oklahoma City, OK 73102

Re:

Proposal to Drill

Dos Equis 12-13 Fed Com Wells

Sections 12 & 13, Township 24 South, Range 32 East

Lea County, NM

Dear Working Interest Owner,

Cimarex Energy Co. hereby proposes to drill the Dos Equis 12-13 Fed Com 1H, 8H, 3H, 47H, 5H, 73H, 6H & 86H wells at a legal location in Section 12, Township 24 South, Range 32 East, NMPM, Lea Co., NM.

<u>Dos Equis 12-13 Fed Com 1H</u> - The intended surface hole location for the well is 330' FNL and 370' FWL of Section 12, Township 24 South, Range 32 East, and the intended bottom hole location is 100' FSL and 330' FWL of Section 13, Township 24 South, Range 32 East. The well is proposed to be drilled vertically to a depth of approximately 9,600' to the Avalon formation and laterally in a southerly direction within the formation to the referenced bottom hole location.

<u>Dos Equis 12-13 Fed Com 8H</u> - The intended surface hole location for the well is 330' FNL and 350' FWL of Section 12, Township 24 South, Range 32 East, and the intended bottom hole location is 100' FSL and 330' FWL of Section 13, Township 24'South, Range 32 East. The well is proposed to be drilled vertically to a depth of approximately 12,300' to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location.

<u>Dos Equis 12-13 Fed Com 3H</u> - The intended surface hole location for the well is 255' FNL and 1,620' FWL of Section 12, Township 24 South, Range 32 East, and the intended bottom hole location is 100' FSL and 1,980' FWL of Section 13, Township 24 South, Range 32 East. The well is proposed to be drilled vertically to a depth of approximately 9,600' to the Avalon formation and laterally in a southerly direction within the formation to the referenced bottom hole location.

<u>Dos Equis 12-13 Fed Com 47H</u> - The intended surface hole location for the well is 255' FNL and 1,600' FWL of Section 12, Township 24 South, Range 32 East, and the intended bottom hole location is 100' FSL and 1,980' FWL of Section 13, Township 24 South, Range 32 East. The well is proposed to be drilled vertically to a depth of approximately 12,300' to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location.

<u>Dos Equis 12-13 Fed Com 5H</u> - The intended surface hole location for the well is 360' FNL and 2,330' FEL of Section 12, Township 24 South, Range 32 East, and the intended bottom hole location is 100' FSL and 1,980' FEL of Section 13, Township 24 South, Range 32 East. The well is proposed to be drilled vertically to a depth of approximately 9,600' to the Avalon formation and laterally in a southerly direction within the formation to the referenced bottom hole location.



<u>Dos Equis 12-13 Fed Com 73H</u> - The intended surface hole location for the well is 360' FNL and 2,310' FEL of Section 12, Township 24 South, Range 32 East, and the intended bottom hole location is 100' FSL and 1,980' FEL of Section 13, Township 24 South, Range 32 East. The well is proposed to be drilled vertically to a depth of approximately 12,300' to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location.

<u>Dos Equis 12-13 Fed Com 6H</u> - The intended surface hole location for the well is 360' FNL and 1,410' FEL of Section 12, Township 24 South, Range 32 East, and the intended bottom hole location is 100' FSL and 330' FEL of Section 13, Township 24 South, Range 32 East. The well is proposed to be drilled vertically to a depth of approximately 9,600' to the Avalon formation and laterally in a southerly direction within the formation to the referenced bottom hole location.

<u>Dos Equis 12-13 Fed Com 86H</u> - The intended surface hole location for the well is 360' FNL and 1,390' FEL of Section 12, Township 24 South, Range 32 East, and the intended bottom hole location is 100' FSL and 330' FEL of Section 13, Township 24 South, Range 32 East. The well is proposed to be drilled vertically to a depth of approximately 12,300' to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location.

It should be understood that compliance with topography or cultural or environmental concerns, among others, might require modification of Cimarex's intended procedure. Cimarex will advise you of any such modifications.

Enclosed, in duplicate, is (i) our detailed AFE reflecting estimated costs associated with this proposal, and; (ii) our proposed form of Operating Agreement to govern operations of the Dos Equis 12-13 Fed Com 1H well. If you intend to participate, please approve and return one (1) original of the enclosed AFE, one (1) original of the signature page to the Operating Agreement, along with the contact information to receive your well data, to the undersigned within thirty (30) days of receipt of this proposal. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance to Cimarex prior to commencement of drilling operations; otherwise, you will be covered by insurance procured by Cimarex and will be responsible for your share of the cost.

In the event you would prefer to lease your interest in lieu of participating in the proposed operation(s), we would be happy to make you a competitive offer to lease.

Please call the undersigned with any questions or comments.

Respectfully,

Cody Elliott 432.571.7806

ELECTION TO PARTICIPATE Dos Equis 12-13 Fed Com 1H

	Devon Energy Production Co., LP elects TO participate in the proposed Dos Equis 12-13 Fed Com 1H
	Devon Energy Production Co., LP elects NOT to participate in the proposed Dos Equis 12-13 Fed Com 1H
Dated this day of	, 2018.
Signature:	
Title:	
If your election above is	s TO participate in the proposed Dos Equis 12-13 Fed Com 1H well, then:
	Devon Energy Production Co., LP elects TO be covered by well control insurance procured by Cimarex Energy Co.
	Devon Energy Production Co., LP elects NOT to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.

ELECTION TO PARTICIPATE Dos Equis 12-13 Fed Com 3H

	Devon Energy Production Co., LP elects TO participate in the proposed Dos Equis 12-13 Fed Com 3H
,	Devon Energy Production Co., LP elects NOT to participate in the proposed Dos Equis 12-13 Fed Com 3H
Dated this day of	, 2018.
Signature:	
Title:	
If your election above is	s TO participate in the proposed Dos Equis 12-13 Fed Com 3H well, then:
	Devon Energy Production Co., LP elects TO be covered by well control insurance procured by Cimarex Energy Co.
	Devon Energy Production Co., LP elects NOT to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.

ELECTION TO PARTICIPATE Dos Equis 12-13 Fed Com 5H

Devon Energy Production Co., LP elects TO participate in the proposed Dos Equis 12-13 Fed Com 5H
Devon Energy Production Co., LP elects NOT to participate in the proposed Dos Equis 12-13 Fed Com 5H
Dated this , 2018.
Signature:
Title:
If your election above is TO participate in the proposed Dos Equis 12-13 Fed Com 5H well, then:
Devon Energy Production Co., LP elects TO be covered by well control insurance procured by Cimarex Energy Co.
Devon Energy Production Co., LP elects NOT to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.

ELECTION TO PARTICIPATE Dos Equis 12-13 Fed Com 6H

	Devon Energy Production Co., LP elects TO participate in the proposed Dos Equis 12-13 Fed Com 6H
	Devon Energy Production Co., LP elects NOT to participate in the proposed Dos Equis 12-13 Fed Com 6H
Dated this day of	·, 2018.
Signature:	
Title:	
If your election above is	s TO participate in the proposed Dos Equis 12-13 Fed Com 6H well, then:
	Devon Energy Production Co., LP elects TO be covered by well control insurance procured by Cimarex Energy Co.
	Devon Energy Production Co., LP elects NOT to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.

ELECTION TO PARTICIPATE Dos Equis 12-13 Fed Com 8H

D	Devon Energy Production Co., LP elects TO participate in the proposed Dos Equis 12-13 Fed Com 8H
D E	Devon Energy Production Co., LP elects NOT to participate in the proposed Dos equis 12-13 Fed Com 8H
Dated this day of	, 2018.
Signature:	
Title:	
If your election above is To	O participate in the proposed Dos Equis 12-13 Fed Com 8H well, then:
De	evon Energy Production Co., LP elects TO be covered by well control insurance ocured by Cimarex Energy Co.
ins Co or	evon Energy Production Co., LP elects NOT to be covered by well control surance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy co. with a certificate of insurance prior to commencement of drilling operations be deemed to have elected to be covered by well control insurance procured by marex Energy Co.

ELECTION TO PARTICIPATE Dos Equis 12-13 Fed Com 47H

De Eq	evon Energy Production Co., LP elects TO participate in the proposed Dos uis 12-13 Fed Com 47H
De Eq	von Energy Production Co., LP elects NOT to participate in the proposed Dos uis 12-13 Fed Com 47H
Dated this day of	, 2018.
Signature:	
Title:	
If your election above is TC	participate in the proposed Dos Equis 12-13 Fed Com 47H well, then:
Dev	von Energy Production Co., LP elects TO be covered by well control insurance cured by Cimarex Energy Co.
insı Co. or t	yon Energy Production Co., LP elects NOT to be covered by well control arance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy with a certificate of insurance prior to commencement of drilling operations be deemed to have elected to be covered by well control insurance procured by marex Energy Co.

ELECTION TO PARTICIPATE Dos Equis 12-13 Fed Com 73H

	Devon Energy Production Co., LP elects TO participate in the proposed Dos Equis 12-13 Fed Com 73H
	Devon Energy Production Co., LP elects NOT to participate in the proposed Dos Equis 12-13 Fed Com 73H
Dated this day of	, 2018.
Signature:	
Title:	
If your election above i	s TO participate in the proposed Dos Equis 12-13 Fed Com 73H well, then:
	Devon Energy Production Co., LP elects TO be covered by well control insurance procured by Cimarex Energy Co.
	Devon Energy Production Co., LP elects NOT to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.

ELECTION TO PARTICIPATE Dos Equis 12-13 Fed Com 86H

	Devon Energy Production Co., LP elects TO participate in the proposed Dos Equis 12-13 Fed Com 86 H
	Devon Energy Production Co., LP elects NOT to participate in the proposed Dos Equis 12-13 Fed Com 86H
Dated this day of	, 2018.
Signature:	
Title:	
If your election above is	TO participate in the proposed Dos Equis 12-13 Fed Com 86H well, then:
	Devon Energy Production Co., LP elects TO be covered by well control insurance procured by Cimarex Energy Co.
	Devon Energy Production Co., LP elects NOT to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.



Authorization For Expenditure

Company Entity				Date Prem	nteri		Sec. 55.555.		
Cimarex Energy Co				Date Prepared December 18, 2018					
	_			Dalling March					
Region Well Name	Prospect or Field N	ame	Property Number	Drilling AFE No.					
PERMIAN Dos Equis 12-13 Fed Com 73H									
			-			-			
Estimate Type	County	A STAN	State			e Well	8938938		
W/2 E/2 of Sections 12 and 13-T24S-R32E	Lea		NM	Oil	X	Expl	х		
	2			Gas		Prod			
Estimate Type	Est Start Date	Œ.	st, Comp Date	Forn	nettion	Ttl Measu	red Depth		
Original Estimate x						21,9			
Revised Estimate				WOLF	CAMPA	Tri Vertic			
Supplemental Estimate						12,3	300'		
Project Description		Control of the	Contract of the last	50000X	A-10/559	100000000000000000000000000000000000000			
Drill and complete a horizontal test. Drill to 1200', set water si	ring casing. Drill to 11774'	(KOP). Dri	Il curve at 12°/100' init	ial build rat	e to +/- 75	degrees and s	set casing		
at +/- 12399' MD. Finish curve at +/- 3°/100' to +/- 12300' TVD									
frac.Drill out plugs. Run production packer, tubing and GLVs.									
Intangibles	Dry Hole Cost		After Casing P	oint	Cor	npleted Well			
Drilling Costs	\$3,508,000	******				\$3,508,000			
Completion Costs			\$7,319,19			\$7,319,199			
Total Intangible Costs	\$3,508,000		\$7,319,19	9		\$10,827,199)		
Tangibles									
Well Equipment	\$451,000		\$786,000		1	\$1,237,000			
Lease Equipment			\$798,529			\$798,529			
Total Tangible Well Cost	\$451,000		\$1,584,52	9		\$2,035,529			
[T 20				1	ćo.			
Plug and Abandon Cost	\$0		\$0			\$0			
Total Well Cost	\$3,959,000		\$8,903,72	В	\$12,862,728				
Comments on Well Costs			EXPERIMENTAL PROPERTY.	1000					
1. All tubulars, well or lease equipment is priced by COPAS ar	d CEPS guidelines using th	e Historic	Price Multiplier.						
						St. Million St. Million			
Well Control Insurance Unless otherwise indicated below, you, as a non-operating w	orking interest owner age	on to be so	wared by Operator's w	all control i	neurance n	rocured by O	nerator so		
long as Operator conducts operations hereunder and to pay y									
you must provide a certificate of such insurance acceptable to									
commencement of drilling operations. You agree that failure									
procured by Operator.									
l elect to purchase my own well control insurance	policy.								
Well control insurance procured by Operator, provides, amor	ng other terms for \$20,000	000 (100	% W.I.) of Combined Si	ngle Limit c	overage fo	well control	and		
related redrilling and clean-up/pollution expense covering dr									
				SALE MANAGEMENT					
Marketing Election	anety nurchasars. Such con	tracte ma	v include feet. In addi	ion nenalt	es may he	incurred for it	nsufficient		
Cimarex sells its gas under arm's-length contracts with third p volumes delivered over time. Should you choose to market y									
request to Cimarex's Marketing Department, we will share w									
shall be deemed an election to market your gas with Cimarex									
l elect to take my gas in kind.									
I elect to market my gas with Cimarex pursuant to	the terms and conditions	of its con	tract.						
-									
Comments on AFE The above costs are estimates only and anticipate trouble free	e operations without any	foreseash	le change in plans. The	actual cos	s may exce	ed the estima	ated costs		
without affecting the authorization for expenditure herein gr									
legal, curative, regulatory and well costs under term of the jo									

	Cimarex Energy C	o. Appro	oval				16		
Prepared by Drilling a	nd Completion Manager		Regional	Manager					
			1						
	Joint Interest	Annrova							



						BCP - Drilling (Dry Hale Cost)		ACP - Dilling		Completion/		Preduction Equipments/		Please Kennylchiten	Total We Cost
ntanglifies				1668	foregries.		Codes		Coppe		Septem	Construction	Sedes		
loads & Location Preparation / Restoration					DIDC.100	\$100,000			51ML100	53,000	CON 100	\$19,875		\$40,000	\$162,
amages	B4DC.105	\$10,000				\$53,000	CON.105	\$8,859	PCOM.255		\$18, \$468,				
Mud / Fluids Disposol Charges Day Rate 29.00 DH Days 4.00 ACP Days	DIDC.255	\$750,000		\$100,000	\$TIM.255	353,000	<i>###</i>	<i>444444</i>	PCOMC255	\$255,500	\$850				
Misc Preparation Cast (mouse hole, rat hale, pads, pile cluster	DIDC.120		WILLIAM TO THE REAL PROPERTY.		<i>99999</i>		<i>####</i>		<i>####</i>		\$50				
Sits	2, 111130.)				DIDC.125	\$150,000	DICC.125		STIM.125	\$0	*****		PCOM.125	\$0	\$150
fuel \$3.00 Per Gallon	1 1	150 0	Sallons Per De	av	DIDC.135	\$117,000	DICC.130				<i>####</i>		PCOM.130	SO	\$117
Vater for Drilling Rig / Completion Fluids (Not Frac Water)	1 4,	150 10	30110:13 1 61 61		DIDC.140		DICC.135		STIM.135		//////		PCOM.135	\$0	\$29
Aud & Additives					DIDC.145		11111111		11111111		//////		777777	THINING.	\$350
urface Rentals	\$3,0	000 F	Per Day (BCP)		DIDC.150		DICC.140		STDA.140	\$189,000	CON.140	\$1,900	PCOM.140	\$170,600	\$477
Downhole Rentals					DIDC.155	\$178,000	11111111		STIM.145	\$0.	1111111		PCOM.145	50	\$178
ormation Evaluation (DST, Coring including evaluation, G&G	Services)				DIDC.160	50			STIM.150	\$0				WHITE IN	
Mud Logging 25.75	Days	6	\$1,200	Per Day	DIDC.170	\$36,000									\$36
Open Hole Logging					DIDC 180	\$0		Manana.							
ementing & Float Equipment	DIDC.185	\$190,000	DICC.155	\$100,000							\$290				
ubular Inspections	DIDC.190		DICC.160	\$8,000	STIM.160	\$4,000			PCOM.150		\$67				
Casing Crews	DIDC.195		DICC.165	\$15,000							\$37				
xtra Labor, Welding, Etc.					DIDC.200	\$20,000		\$3,000		50			PC0M.170	\$62,800	\$267
and Transporation (Trucking for tangibles)					DIDC.205	\$30,000		\$8,000	5TIM.175	\$4,000	CON.175		PCOM.175	\$4,000	\$55
upervision		000		Per Day	DIDC.210	\$140,000		\$16,000	STIM.160	\$74,000	CON.180		PCOM.180	So	5237
railer House / Camp / Catering	\$1,000	1.00	Per D	ау	DIDC.280	\$39,000		\$4,000	STIM.280	537,000					\$80
ther Misc Expenses					DIDC.220	\$5,000		\$0		5100,000	CON. 190	57,500	PCOM.190		\$112
Overhead					DIDC.225		DICC.195	\$5,000			4444				\$10
lemedial Cementing					DIDC.231	\$0			STIM.215	\$0	//////		PCOM.215	\$0	**-
MOB/DEMOB					DIDC.240	\$150,000			4444		//////	44444444	//////		\$150
irectional Drilling Services					DIDC.245	\$434,000		4///////	//////		CON 230				\$43
rane for Construction									44444		CON 230	THE WHOLE	<i>}}}}}</i>		59
alids Control					DIDC'560		///////			THE PARTY OF THE P	HHH	<i>\}}}}}</i>	THE PARTY OF THE P	Million III	
/ell Cantrol Equip (Snubbing Svcs.)					DIDC.265	\$116,000	DICC.245	\$0		\$161,000	<i>####</i>	44444444	PCOM.245	\$0 50	\$27
Ishing & Sidetrack Operations ompletion Ria					DIDC.170	ammin 30	DICC.245	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	STIM.245	521,000	<i>####</i>	<i>444444</i>	PCDM.245	\$0	52
oil Tubing		-			4444	<i>\\\\\\</i>	<i>}}}}}</i>	<i>444444</i>	\$1ML115	\$368,000	<i>4444</i>	<i>444444</i>	PCOM-260	\$0	\$361
					WHH	<i>*////////////////////////////////////</i>	<i>}}}}}</i>	/////////////////////////////////////	STIM.200	5436,000	<i>//////</i>	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	PCOM 200	\$0	\$430
Completion Logging, Perforating, WL Units, WL Surveys					WHH	<i>\\\\\\\</i>	<i>44444</i>		\$TIM.390	\$108,000	4HH	***********	PCDM.350	\$0	\$100
composite Plugs timulation Pumping Charges, Chemicals, Additives, Sand					WWW		<i>*//////</i>	<i>}}}}}</i>	STIM.210	\$3,182,000	******	/////////////////////////////////////	PCDM.210	50	\$3,182
timulation Water / Water Transfer / Water Storage					WWW.	<i>}}}}}</i>	<i>*************************************</i>		\$184.395	\$964,000	<i>4444</i>	<i>944444</i>	1111111	THE PARTY OF THE P	\$964
Dimarex Owned Frac / Rental Equipment		-			WW	**********	HHH	************	\$TIM.305	\$904,000	4444		******		230
egal / Regulatory / Curative					tripc.300	\$10,000	4/////	*********	777777	ammin.	CDNL300	\$781			\$10
Well Control Insurance S0.35 Per Foot					DIDC 285	58,000			4444	<i>44444</i>			MM		\$1
Contingency 5.0 % of Drilling Intangible	les	-			DIDCASS	\$167,000	DICC.220	\$13,000	STIM.210	\$286,000	CON.220	\$115.092	PCDM.220	\$33,420	\$61
Construction For Flow Lines					111111	VIIIIIII	111111	minin	777777	9///////	CON.310	5111,347	771111	VIIIIIII	\$11
Construction For Sales P/L									///////		CDN 265	50			-
Total Intangible Cost						\$3,508,000		\$272,000		\$6,014,000		\$467,479		\$565,720	\$10,827
		NAME OF TAXABLE PARTY.				ration for the Subsection of the									
anaible - Well Equipment	STATE OF	2000			,,,,,,,		,,,,,,,,		· · · · · · · · · · · · · · · · · · ·	,,,,,,,,,,,	,,,,,,,	,,,,,,,,,,,,,	mm	viii in	mm
asing	Size	-	Feet	5/Foot				<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	<i>44444</i>	,,,,,,,,,,	4444	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<i>4444</i>	<i>}}}}}</i>	
Drive Pipe	0	-	0	\$0.00	DWEB.150	\$0		<i>\\\\\\</i>	####		<i>}}}}}</i>	<i>~~~~</i>	<i>///////</i>	<i>!!!!!!!!!</i>	
Conductor Pipe	0		0		DWEB.130			X <i>44444</i>	4444		<i>4444</i>	<i>,,,,,,,,,,,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,	<i>*************************************</i>	<i>**********</i> **	
Vater String		3/8"	1200	\$35.00	DWEB.135	\$42,000		<i>***********</i>	$\mathcal{H}\mathcal{H}$	<i>}}}}}</i>	4444		$\mathcal{H}\mathcal{H}\mathcal{H}$	<i>\\\\\\</i>	\$4
urface Casing		3/4°	12500			\$42,000			4444	444444					\$4.
ntermediate Casing 1	0	3/8	12500	\$30.00				444444			//////	************	<i>\\\\\\</i>	V///////	537
ntermediate Casing 2	0	-	0	\$0.00	DWEB.160	\$0			//////	444444	####		4444	******	
trilling Liner	5.5" 15		21951				DWEA.100		4444		####		1111111		\$50
roduction Casing or Liner	0 15	-	51321	\$0.00	111111		DWIA 165		\$71MT 101	\$D	//////				250.
raduction Tie-Back		7/8"	11870	\$7.00			WIII 163	1000000 N	\$TIMT.101	\$83,000	<i>//////</i>		PCOMT.305	\$0	\$8
		./0	110/0	31,00	DWEB.115	\$30,000	DWIA.120	\$30,000	STIME 120	\$63,000			777777	Million in	512
ubing	1 2				DWEB.100		DWEA.125				111111		WHITE		214
ubing Velihead, Tree, Chokes	1 2				777777	mmin	VIIII	mining the same of	STIMT.400	\$28,000	1111111		PCDMT.400		\$2
ubing Velihead, Tree, Chokes iner Hanger, Isolation Packer											HHH		PCOMT.405	50	
ubing Velinead, Tree, Chokes iner Hanger, Isolation Packer acker, Nipoles									\$10AT.405	\$D					\$8
ubina Velihead, Tree, Chokes iner Hanger, Isolation Packer acker, Nipples umping Unit, Engine									\$11MT.405	\$0				50	
ubina Jelihead, Tree, Chokes ner Hanger, Bolotion Packer acker, Nipoles umaning Unit, Engine umanhole Uff Equipment (BHP, Rods, Anchors, ESP, GVLs, PC													PCOMT.410	\$0	
ubling Welknesd, Tree, Chokes ner Hanner, Isolation Packer acker, Nisoles umsling Unit, Engline ownhold Ulf Equimment (BHP, Rods, Anchors, ESP, GVLs, P.C. nn; Bls. 1429; FC(10)ThaTH.												\$133.250	PCOMT.410	\$0	
ubling Veilhaud, Tree, Chokes nee Hanger, Isolation Packer acker, Nisples umaing Unit, Engine ownhole LVI Equipment (BHP, Rods, Anchers, ESP, GVLs, PC norables LVI Sayumment VC Lease Equipment				-22.45							CONT.ADD	\$133,250 \$06,351	PCOMT.410	\$0	\$13
ubling Wellnead, Tree, Chokes iner Hanner, Isolation Packer acter, Nipoles umbing Unit, Engline ownhole UP, Equipment (BHP, Rods, Anchors, ESP, GVLs, PC 'INDIBIOSAYSES'S EQUIPMENT INDIBIOSAYSES'S EQUIPMENT INDIBIOSAYSES, EQUIPMENT ANNI, STANS, TREES, EQUIPMENT ANNI, STANS,	Pump)		16.3506								CONT.400		PCOMT.A10	50	\$13 \$9
ubling Veilhead, Tree, Chokes ner Hanger, Isolotion Packer acker, Nisples umpling Unit, Engine ownhole UN Equipment (BHP, Rods, Anchors, ESP, GVLs, PC, houldbackers; EUGHISTATI VC Lease Equipment anist, Tonks Steps, Stalin unitsr (Heter Erester, Separator, Gas Treating Equipment)	Pump)										CONT.400	\$96,353	PCCMT.410	\$0 \$((((())))	\$13 \$9 \$27 \$2
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Authorization For Expenditure

Company Entity]			0	Date Prepa		40, 204				
Cimarex Energy Co			J			L	December 18, 2018						
Region	Well Name		Prospect or Field	Name	Property Numb	oer		Drilling	AFE No.				
PERMIAN Dos Equi	s 12-13 Fed Com 7	зн											
Estimate Type	G688 46 (A. 6)		County		State			Тур	e Well				
W/2 E/2 of Sections 12 and 13-T2	4S-R32E		Lea		NM	-	Dil Gas	Х	Expl Prod	x			
Personal Property			2 Est.Start Date		st. Comp Date		Form	ation	Ttl Man	sured Depth			
Estimate Type Original Estimate	×		ESCSTALL DATE	-	st. Comp Date				2	1,951'			
Revised Estimate Supplemental Estimate							WOLFO	AMP A	-	tical Depth 2,300'			
Project Description				Sales Sales				ALCON STATE	10 A 15 A				
Drill and complete a horizontal tes	st. Drill to 1200', se	et water str	ing casing. Drill to 1177	1' (KOP). Dri	Il curve at 12°/100	o' initia	I build rate	e to +/- 75	degrees an	d set casing			
at +/- 12399' MD. Finish curve at +			and drill a +/- 9050' long	lateral in ti	he Wolfcamp form	nation.	Run and c	ement pro	duction lin	er. Stage			
frac.Drill out plugs. Run production	n packer, tubing ai	nd GLVS.											
Intangibles Orilling Costs			Dry Hole Cos		After Cas	122661	nt	Con	pleted W				
Drilling Costs Completion Costs			\$3,508,000	ISTORAGE TO THE	\$7,31	9,199			\$3,508,0				
Total Intangible Costs			\$3,508,000		\$7,31				\$10,827,1				
Tangibles Well Equipment			\$451,000		\$786	,000			\$1,237,0	00			
Lease Equipment	****				\$798				\$798,52				
Total Tangible Well Cost			\$451,000		\$1,58	4,529			\$2,035,5	29			
Plug and Abandon Cost			\$0		\$	0			\$0				
Total Well Cost			\$3,959,000		\$8,90	3,728		\$12,862,728					
Comments on Well Costs													
Well Control Insurance Unless otherwise indicated below, long as Operator conducts operati you must provide a certificate of s	ions hereunder an	d to pay yo	ur prorated share of the	premiums	therefore. If you	elect to	o purchase	your own	well contr	ol insurance,			
commencement of drilling operati				of insuran	ce, as provided he	rein, w	ill result in	your bein	g covered	by insurance			
Well control insurance procured b				0 000 (1009	% W I \ of Combine	ed Sing	le Limit co	verage for	well contr	ol and			
related redrilling and clean-up/pol						-		re-age ro-	Tren com	5.5.15			
Marketing Election Cimarex sells its gas under arm's-le volumes delivered over time. Sho request to Cimarex's Marketing De shall be deemed an election to ma	uld you choose to epartment, we will	market yo I share with	ur share of gas with Cim n you the terms and con	arex, you w ditions pur	rill be subject to al suant to which gas	l of the	terms of	such contra	acts. Upor	written			
l elect to take my gas in	kind.												
l elect to market my gas	with Cimarex pu	rsuant to t	he terms and condition	s of its cont	ract.								
Comments on AFE The above costs are estimates only without affecting the authorization legal, curative, regulatory and well	n for expenditure	herein gran	nted. By approval of thi	s AFE, the w	orking interest ov	vner ag	grees to pa	y its propo	rtionate sl				
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Prepared by		Desillus	Cimarex Energy (Co. Appro		colev							
терителиу		erming and	d Completion Manager		Regio	nal Ma	mager						
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\$31,563		<i>!!!!!!</i>	£95,152	2(1-110)	444444	<i>44444</i>		2/////						Flow Lines (Line Pine from wellhead to central facility)
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000,581,52	05	PCDM.390	4444444	<i>}}}}}</i>	000'8015	098, AM12	YHHHH	<i>}}}}}</i>	***************************************	<i>44441</i>				Composite Plugs
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														Well Name: Dos Equis 12-13 Fed Com 73H



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

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

APPLICATION

Cimarex Energy Co. ("Cimarex"), OGRID Number 215099, through its undersigned attorneys, hereby makes an application to the Oil Conservation Division pursuant to the provisions of NMSA (1978), Section 70-2-17, for an order pooling all uncommitted mineral interests within a Wolfcamp horizontal spacing unit underlying the E/2 E/2 of Sections 12 and 13, Township 24 South, Range 32 East, NMPM, Lea County, New Mexico. In support of this application, Cimarex states as follows:

- 1. Cimarex is an interest owner in the subject lands and has a right to drill wells thereon.
- 2. Cimarex seeks to dedicate the E/2 E/2 of Sections 12 and 13, Township 24 South, Range 32 East, NMPM, Lea County, New Mexico to form a 320-acre, more or less, spacing unit.
- 3. Cimarex plans to drill the **Dos Equis 12-13 Federal Com 86H** well to a depth sufficient to test the Wolfcamp formation. The Dos Equis 12-13 Com 86H well is a horizontal well with a surface location 360' FNL and 1430' FEL of Section 12 Township 24 South, Range 32 East, Lea County, and the intended bottom hole location is 100' FSL and 330' FEL of Section 13, Township 24 South, Range 32 East, Lea County.
- 4. This well will be located within the Wildcat Wolfcamp pool and will comply with the Division's setback requirements.



- 5. Cimarex sought, but has been unable to obtain, a voluntary agreement from all interest owners in the Wolfcamp formation underlying the proposed spacing unit to participate in the drilling of the well or to otherwise commit their interests to the well.
- 6. The creation of a horizontal spacing unit and the pooling of all interests in the Wolfcamp formation underlying the proposed unit will prevent the drilling of unnecessary wells, prevent waste and protect correlative rights.

WHEREFORE, this case is set for hearing before an Examiner of the Oil Conservation Division on March 7, 2019, Cimarex requests that, after notice and hearing as required by law, the Division enter its order:

- A. Pooling all mineral interests in the Wolfcamp formation underlying a horizontal spacing unit within the E/2 E/2 of Sections 12 and 13, Township 24 South, Range 32 East, NMPM, Lea County, New Mexico;
- B. Designating Cimarex as operator of this unit and the well to be drilled thereon;
- C. Authorizing Cimarex to recover its costs of drilling, equipping and completing this well;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure;
- E. Setting a 200% charge for the risk involved in drilling and completing the well in the event a working interest owner elects not to participate in the well.

Respectfully submitted this 25th day of January, 2019.

MODRALL, SPERLING, ROEHL, HARRIS

& SISK, P.A.

By:

Earl E/DeBrine

Zoe E. Lees

Post Office Box 2168

500 Fourth Street NW, Suite 1000

Albuquerque, New Mexico 87103-2168

Telephone: 505.848.1800 edebrine@modrall.com

zel@modrall.com

Attorneys for Applicant

CASE NO. ____: Application of Cimarex Energy Co. for compulsory pooling, Eddy County, New Mexico. Applicant seeks an order from the Division pooling all uncommitted mineral interests within a Wolfcamp horizontal spacing unit underlying the E/2 E/2 of Sections 12 and 13, Township 24 South, Range 32 East, NMPM, Lea County, New Mexico. This spacing unit will be dedicated to the Dos Equis 12-13 Federal Com 86H well, to be horizontally drilled. The producing area for this well will be orthodox. Also to be considered will be the cost of drilling and completing said well, the allocation of these costs as well as the actual operating costs and charges for supervision, designation of Cimarex as operator of the well, and a 200% charge for risk involved in drilling said well. Said area is located approximately 26 miles southwest of Hobbs, New Mexico.

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Fax: (575) 393-0720 District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aztec, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

County

East/West line EAST

Feet from the

WELL LOCATION AND ACREAGE DEDICATION PLAT

30-025	² Pool Code	Wildcat Wolfcamp	
4 Property Code	⁵ Property Name DOS EQUIS 12-13 FEDERAL COM		4 Well Number 86H
70GRID №. 215099		crator Name X ENERGY CO.	* Elevation 3600.4*

Surface Location Lot Idn Feet from the 360

Range 32E

Township 24S

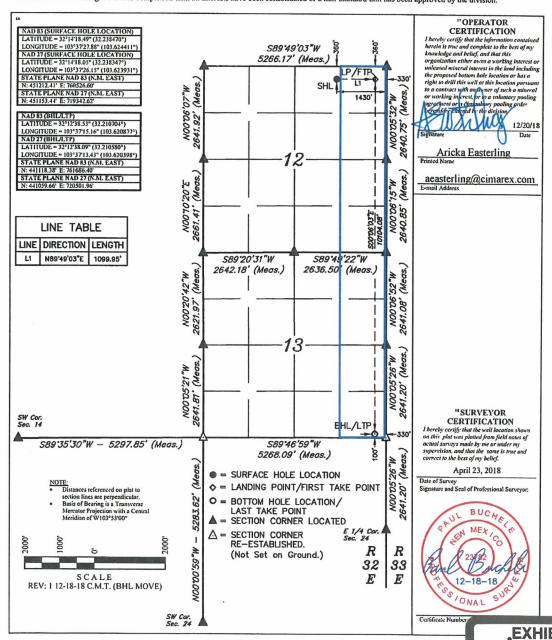
12

360

			11	Bottom H	ole Location I	f Different From	Surface		
UL or lot no. P	Section 13	Township 24S	Range 32E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 330	East/West line EAST	County LEA
12 Dedicated Acre	n J	oint or Infill	14 Cons	olidation Code	13 Order No.				

NORTH

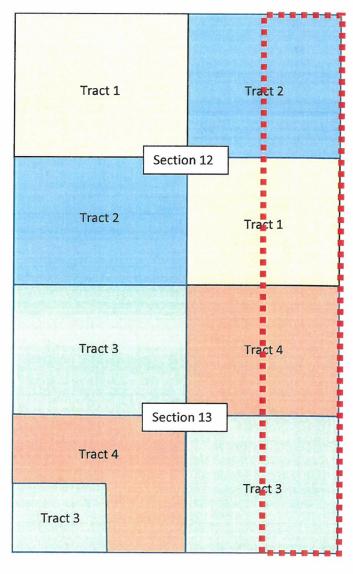
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



Dos Equis 12-13 Fed Com 86H

E/2 E/2 of Sections 12 & 13-24S-32E, Lea County, NM

Owner	Tract	Net	Working Interest Percentage	Force Pool Interest
MHPI	1	40	12.50%	no-participating
Chevron U.S.A. Inc.	1	40	12.50%	no-participating
Cimarex	2	70	21.88%	no-operator
COPC	2	10	3.13%	Yes
Devon	3	80	25.00%	Yes
Cimarex	4	80	25.00%	no-operator







December 19, 2018

Devon Energy Production Co., LP 333 W. Sheridan Ave Oklahoma City, OK 73102

Re:

Proposal to Drill

Dos Equis 12-13 Fed Com Wells

Sections 12 & 13, Township 24 South, Range 32 East

Lea County, NM

Dear Working Interest Owner,

Cimarex Energy Co. hereby proposes to drill the Dos Equis 12-13 Fed Com 1H, 8H, 3H, 47H, 5H, 73H, 6H & 86H wells at a legal location in Section 12, Township 24 South, Range 32 East, NMPM, Lea Co., NM.

<u>Dos Equis 12-13 Fed Com 1H</u> - The intended surface hole location for the well is 330' FNL and 370' FWL of Section 12, Township 24 South, Range 32 East, and the intended bottom hole location is 100' FSL and 330' FWL of Section 13, Township 24 South, Range 32 East. The well is proposed to be drilled vertically to a depth of approximately 9,600' to the Avalon formation and laterally in a southerly direction within the formation to the referenced bottom hole location.

<u>Dos Equis 12-13 Fed Com 8H</u> - The intended surface hole location for the well is 330' FNL and 350' FWL of Section 12, Township 24 South, Range 32 East, and the intended bottom hole location is 100' FSL and 330' FWL of Section 13, Township 24'South, Range 32 East. The well is proposed to be drilled vertically to a depth of approximately 12,300' to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location.

<u>Dos Equis 12-13 Fed Com 3H</u> - The intended surface hole location for the well is 255' FNL and 1,620' FWL of Section 12, Township 24 South, Range 32 East, and the intended bottom hole location is 100' FSL and 1,980' FWL of Section 13, Township 24 South, Range 32 East. The well is proposed to be drilled vertically to a depth of approximately 9,600' to the Avalon formation and laterally in a southerly direction within the formation to the referenced bottom hole location.

<u>Dos Equis 12-13 Fed Com 47H</u> - The intended surface hole location for the well is 255' FNL and 1,600' FWL of Section 12, Township 24 South, Range 32 East, and the intended bottom hole location is 100' FSL and 1,980' FWL of Section 13, Township 24 South, Range 32 East. The well is proposed to be drilled vertically to a depth of approximately 12,300' to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location.

<u>Dos Equis 12-13 Fed Com 5H</u> - The intended surface hole location for the well is 360' FNL and 2,330' FEL of Section 12, Township 24 South, Range 32 East, and the intended bottom hole location is 100' FSL and 1,980' FEL of Section 13, Township 24 South, Range 32 East. The well is proposed to be drilled vertically to a depth of approximately 9,600' to the Avalon formation and laterally in a southerly direction within the formation to the referenced bottom hole location.



<u>Dos Equis 12-13 Fed Com 73H</u> - The intended surface hole location for the well is 360' FNL and 2,310' FEL of Section 12, Township 24 South, Range 32 East, and the intended bottom hole location is 100' FSL and 1,980' FEL of Section 13, Township 24 South, Range 32 East. The well is proposed to be drilled vertically to a depth of approximately 12,300' to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location.

<u>Dos Equis 12-13 Fed Com 6H</u> - The intended surface hole location for the well is 360' FNL and 1,410' FEL of Section 12, Township 24 South, Range 32 East, and the intended bottom hole location is 100' FSL and 330' FEL of Section 13, Township 24 South, Range 32 East. The well is proposed to be drilled vertically to a depth of approximately 9,600' to the Avalon formation and laterally in a southerly direction within the formation to the referenced bottom hole location.

<u>Dos Equis 12-13 Fed Com 86H</u> - The intended surface hole location for the well is 360' FNL and 1,390' FEL of Section 12, Township 24 South, Range 32 East, and the intended bottom hole location is 100' FSL and 330' FEL of Section 13, Township 24 South, Range 32 East. The well is proposed to be drilled vertically to a depth of approximately 12,300' to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location.

It should be understood that compliance with topography or cultural or environmental concerns, among others, might require modification of Cimarex's intended procedure. Cimarex will advise you of any such modifications.

Enclosed, in duplicate, is (i) our detailed AFE reflecting estimated costs associated with this proposal, and; (ii) our proposed form of Operating Agreement to govern operations of the Dos Equis 12-13 Fed Com 1H well. If you intend to participate, please approve and return one (1) original of the enclosed AFE, one (1) original of the signature page to the Operating Agreement, along with the contact information to receive your well data, to the undersigned within thirty (30) days of receipt of this proposal. If you elect to purchase your own well control insurance, you must provide a certificate of such insurance to Cimarex prior to commencement of drilling operations; otherwise, you will be covered by insurance procured by Cimarex and will be responsible for your share of the cost.

In the event you would prefer to lease your interest in lieu of participating in the proposed operation(s), we would be happy to make you a competitive offer to lease.

Please call the undersigned with any questions or comments.

Respectfully,

Cody Elliott 432.571.7806

ELECTION TO PARTICIPATE Dos Equis 12-13 Fed Com 1H

	Devon Energy Production Co., LP elects TO participate in the proposed Dos Equis 12-13 Fed Com 1H
	Devon Energy Production Co., LP elects NOT to participate in the proposed Dos Equis 12-13 Fed Com 1H
Dated this day of	F, 2018.
Signature:	
Title:	·
If your election above i	s TO participate in the proposed Dos Equis 12-13 Fed Com 1H well, then:
	Devon Energy Production Co., LP elects TO be covered by well control insurance procured by Cimarex Energy Co.
	Devon Energy Production Co., LP elects NOT to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.

ELECTION TO PARTICIPATE Dos Equis 12-13 Fed Com 3H

	Devon Energy Production Co., LP elects TO participate in the proposed Dos Equis 12-13 Fed Com 3H
	Devon Energy Production Co., LP elects NOT to participate in the proposed Dos Equis 12-13 Fed Com 3H
Dated this day of	, 2018.
Signature:	
Title:	
If your election above is	TO participate in the proposed Dos Equis 12-13 Fed Com 3H well, then:
	Devon Energy Production Co., LP elects TO be covered by well control insurance procured by Cimarex Energy Co.
	Devon Energy Production Co., LP elects NOT to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.

ELECTION TO PARTICIPATE Dos Equis 12-13 Fed Com 5H

	Devon Energy Production Co., LP elects TO participate in the proposed Dos Equis 12-13 Fed Com 5H
-	Devon Energy Production Co., LP elects NOT to participate in the proposed Dos Equis 12-13 Fed Com 5H
Dated this day of	F, 2018.
Signature:	·
Title:	
If your election above is	s TO participate in the proposed Dos Equis 12-13 Fed Com 5H well, then:
	Devon Energy Production Co., LP elects TO be covered by well control insurance procured by Cimarex Energy Co.
	Devon Energy Production Co., LP elects NOT to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.

ELECTION TO PARTICIPATE Dos Equis 12-13 Fed Com 6H

	Devon Energy Production Co., LP elects TO participate in the proposed Dos Equis 12-13 Fed Com 6H
	Devon Energy Production Co., LP elects NOT to participate in the proposed Dos Equis 12-13 Fed Com 6H
Dated this day of	, 2018.
Signature:	
Title:	
If your election above is	TO participate in the proposed Dos Equis 12-13 Fed Com 6H well, then:
	Devon Energy Production Co., LP elects TO be covered by well control insurance procured by Cimarex Energy Co.
	Devon Energy Production Co., LP elects NOT to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.

ELECTION TO PARTICIPATE Dos Equis 12-13 Fed Com 8H

	Devon Energy Production Co., LP elects TO participate in the proposed Dos Equis 12-13 Fed Com 8H
	Devon Energy Production Co., LP elects NOT to participate in the proposed Dos Equis 12-13 Fed Com 8H
Dated this day of	F, 2018.
Signature:	
Title:	
If your election above i	s TO participate in the proposed Dos Equis 12-13 Fed Com 8H well, then:
	Devon Energy Production Co., LP elects TO be covered by well control insurance procured by Cimarex Energy Co.
	Devon Energy Production Co., LP elects NOT to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.

ELECTION TO PARTICIPATE Dos Equis 12-13 Fed Com 47H

	Devon Energy Production Co., LP elects TO participate in the proposed Dos Equis 12-13 Fed Com 47H
-	Devon Energy Production Co., LP elects NOT to participate in the proposed Dos Equis 12-13 Fed Com 47H
Dated this day of	, 2018.
Signature:	
Title:	
If your election above is	s TO participate in the proposed Dos Equis 12-13 Fed Com 47H well, then:
	Devon Energy Production Co., LP elects TO be covered by well control insurance procured by Cimarex Energy Co.
	Devon Energy Production Co., LP elects NOT to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.

ELECTION TO PARTICIPATE Dos Equis 12-13 Fed Com 73H

	Devon Energy Production Co., LP elects TO participate in the proposed Dos Equis 12-13 Fed Com 73H
	Devon Energy Production Co., LP elects NOT to participate in the proposed Dos Equis 12-13 Fed Com 73H
Dated this day of _	, 2018.
Signature:	
Title:	
If your election above is	TO participate in the proposed Dos Equis 12-13 Fed Com 73H well, then:
I	Devon Energy Production Co., LP elects TO be covered by well control insurance procured by Cimarex Energy Co.
i C	Devon Energy Production Co., LP elects NOT to be covered by well control nsurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.

ELECTION TO PARTICIPATE Dos Equis 12-13 Fed Com 86H

	Devon Energy Production Co., LP elects TO participate in the proposed Dos Equis 12-13 Fed Com 86H
	Devon Energy Production Co., LP elects NOT to participate in the proposed Dos Equis 12-13 Fed Com 86H
Dated this day of	, 2018.
Signature:	
Title:	
If your election above is	s TO participate in the proposed Dos Equis 12-13 Fed Com 86H well, then:
	Devon Energy Production Co., LP elects TO be covered by well control insurance procured by Cimarex Energy Co.
	Devon Energy Production Co., LP elects NOT to be covered by well control insurance procured by Cimarex Energy Co. and agrees to provide Cimarex Energy Co. with a certificate of insurance prior to commencement of drilling operations or be deemed to have elected to be covered by well control insurance procured by Cimarex Energy Co.



Authorization For Expenditure

Region WellName Prospector Beld Name Prospector Beld Name Property/Number Ording AFE No. PERMIAN Dos Equis 12-13 Fed Com 86H Settimate Type Gounty State Type Well E/2 E/2 of Sections 12 and 13-T245-R32E Lea NM Oil X Expl X Gas Prod Till Neasureal Depth Original Estimate Nyme Est Stimate X Revised Estimate X Revised Estimate Wolf-CAMP A WOLF-CAMP A Prod 11.300' Project Description Drill and complete a horizontal test. Drill to 1200', set water string casing. Drill to 11774' (KOP). Drill curve at 12"/100' Initial build rate to +/- 75 degrees and set casing at +/- 12399' MD. Finish curve at +/- 3"/100' to +/- 12300' TVD and drill a +/- 9050' long lateral in the Wolfcamp formation. Run and cement production liner. Stage frac.Drill out plugs. Run production packer, tubing and GLVs. Intangibles Dry Hole Cost After Casing Point Completed Well Cost Drilling Costs S3,508,000 S1,319,199 S7,319,199 Total Intangible Costs S3,508,000 S7,319,199 S10,827,199	E													
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PERMIAN Complete	Cimarex Energy Co													
PERMIAN Complete	Region	Well Name			Prospect or Field Name			Property Number		Drilling ARE No.				
County C					Hospesto	TITLIO NOTICE	300000	, Hopeny Hamser		511.117	3.7.2.710			
Section 12 and 13-7145-R322 Lea	7 CHINIAN	505 240	712 13 100 00111	,,,,,										
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Supplement Standard Standar			X						WOLF	CAMP A				
Drill and complete a horizontal set. Drill to 1207, set water string casing, Drill to 11774 (KOP). Drill curve at 127/100 (Initial build rate to -/- 75 degrees and set casing at -/- 12389 VM. Drill curve yet. 207/100 (VM.) and drill and 1-/- 9000 long lateral in the Wolfcamp formation. Run and cement production liner. Stage frac. Drill out plugs. Run production packer, tubing and GLVs. Intrangibles. Dry Hold Cost		nte							.,,,,	Craim 74				
Drill and complete a horizontal set. Drill to 1207, set water string casing, Drill to 11774 (KOP). Drill curve at 127/100 (Initial build rate to -/- 75 degrees and set casing at -/- 12389 VM. Drill curve yet. 207/100 (VM.) and drill and 1-/- 9000 long lateral in the Wolfcamp formation. Run and cement production liner. Stage frac. Drill out plugs. Run production packer, tubing and GLVs. Intrangibles. Dry Hold Cost	Barrier Barrier													
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Total Well Cost \$3,959,000 \$8,903,728 \$12,862,728 Singularious Wellicosts 1. All tubulars, well or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier. Well significant or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier. Well significant or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier. Well significant or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier. Well significant or lease equipment is priced by COPAS and CEPS guidelines using the Historic Price Multiplier. Well some the description of the precision of the previous provides a certificate of insurance procured by Operator's well control insurance procured by Operator of such insurance acceptable to Operator, as to form and limits, at the time that 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. Well control insurance procured by Operator, provides, among other terms, for \$20,000,000 (100% W.I.) of Combined Single Limit coverage for well control and related redrilling and clean-up/pollution expense covering drilling (through completion) with a \$1,000,000 (100% W.I.) deductible. Vircompation of the terms of such 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 Cimares, you will be subject to all of the terms of such contracts. Upon written requests to Cimares'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 that be deemed an election to market your gas with Cimares pursuant	Total Total State					72,000		V2)30-1)3			02,000,020			
Mail.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. Well control insurance procured by Operator, provides, among other terms, for \$20,000,000 (100% W.i.) of Combined Single Limit coverage for well control and related redrilling and clean-up/pollution expense covering drilling (through completion) with a \$1,000,000 (100% W.i.) deductible. Maidsain-palestion	Plug and Abandon C	ost				\$0		\$0			\$0			
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MalkGentrol 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 governous provide a certificate of such insurance acceptable to Operator, as to form and initiats, 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. letect to purchase my own well control insurance policy. Well control insurance procured by Operator, provides, among other terms, for \$20,000,000 (100% W.I.) of Combined Single Limit coverage for well control and related redrilling and clean-up/pollution expense covering drilling (through completion) with a \$1,000,000 (100% W.I.) deductible. Marketing-Bioston														
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 on breunder 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 a validable, but in no even tater than commencement of drilling operations. You agree that fallure 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. Well control insurance procured by Operator, provides, among other terms, for \$20,000,000 (100% W.I.) of Combined Single Limit coverage for well control and related redrilling and clean-up/pollution expense covering drilling (through completion) with a \$1,000,000 (100% W.I.) deductible. Marketing telephone	1. All tubulars, well	or lease equip	ment is priced by	COPAS and	l CEPS guidelines	using the H	istoric	Price Multiplier.						
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. lelect to take my gas in kind. lelect to market my gas with Cimarex pursuant to the terms and conditions of its contract. Comments on ABE 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. Cimarex Energy Co. Approval	Unless otherwise ind long as Operator con you must provide a commencement of d procured by Operator lelect to p Well control insurancement of insurancement of the control insurancement of the left to p	dicated below, inducts operation of sertificate of sertificate of sertificate of sertificate or	ons hereunder ar uch insurance acc ions. You agree th wwn well control i y Operator, provi	nd to pay you septable to septable to septable to septable to septable to septable to septable septabl	our prorated shar Operator, as to fo o provide the cer olicy. other terms, for	re of the prei form and lim rtificate of in	miums its, at t isurand	therefore. If you ele the time this AFE is re te, as provided herei	ect to purchas eturned, if ava n, will result i	e your own allable, but I n your bein	well control ir in no event late g covered by ir	isurance, er than isurance		
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Joint Interest Approval	Prepared by			Drilling and			Appro	CONTRACTOR OF PERSONS ASSESSMENT OF THE PERS	Manager					
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EXHIBIT

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Project Cost Estimate

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Page 1980 10 for 10 fo									<i>44444</i>			CEN.105	\$8,855			\$11
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SIMM.RAD S24,000 FROMLRAD S0 S1	anductor Pioe Vater String Urface Casing Itermediate Casing 1 Itermediate Casing 2 Willing Liner Vaduction Casing or Liner Vaduction Te-Back ubling		103/4" 75/8" 0 0 5.5" x 5"	0 0 21951 0	\$35,00 \$30,00 \$0,00 \$0,00 \$23,00 \$0,00	DWEB.140 DWEB.145 DWEB.155 DWEB.160	\$42,000 \$379,000 \$0	BWEA 100	\$11111111	STIMT,101 STIMT,105	\$83,000			PCOMT.109	50	\$50
	Conductor Pripe Water String Turface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Turfling Liner Production Casing or Liner Production Tie-Back Walling Medicad, Tree, Chokes		103/4" 75/8" 0 0 5.5" x 5"	0 0 21951 0	\$35,00 \$30,00 \$0,00 \$0,00 \$23,00 \$0,00	DWEB.140 DWEB.145 DWEB.155 DWEB.160	\$42,000 \$379,000 \$0 \$0 \$0 \$30,000	BWEA 100 BWEA 165	\$30,000	STIMT,101 STIMT,105 STIMT,120	\$83,000			PCOMT.10	50	\$50
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	Conductor Proce Water String Surface Casing Intermediate Casing 1 Intermediate Casing 1 Intermediate Casing 2 Infilling Liner Production Casing or Liner Production Ties Back Wellinead, Tree, Chokes Inter Hanges, Isolation Packer Packer, Nipplies Downhole Lift Equiament (BHP, Rads, An CHERISICAL LIA CASINGLIA CASINGLIA LIA CASINGLIA CASINGLIA LIA CASINGLIA CASINGLIA LIA CASINGLIA CASINGLI	nchors, ESP, GVLs, PC Pu	103/4" 75/8" 0 0 5.5" x 5" 0 27/8"	0 0 21951 0	\$35,00 \$30,00 \$0,00 \$0,00 \$23,00 \$0,00	DWEB.140 DWEB.145 DWEB.155 DWEB.160	\$42,000 \$379,000 \$0 \$0 \$0 \$30,000	BWEA 100 BWEA 165	\$30,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$83,000 \$60,000 \$28,000 \$0	CONT.A00 CONT.A10	\$133,25 596,35 \$278,06	PCOMT.ACC PCOMT.ACC PCOMT.ACC	\$0 \$0	\$500 \$82 \$120 \$22 \$88 \$133 \$99
MD Connection	conductor Price Vater String urface Casing intermediate Casing 1 intermediate Casing 2 intermediate Casing or Liner voduction Te-Back bubbin Veilhead Tree. Choles inter Hanger, Indexton Packer acker. Niphles urupha Unit. Engine ownhole UR Equiament (BHP, Rods, An intermediate Casing C	nchars, ESP, GVLs, PC Pu	103/4" 75/8" 0 0 5.5" x 5" 0 27/8"	0 0 21951 0	\$35,00 \$30,00 \$0,00 \$0,00 \$23,00 \$0,00	DWEB.140 DWEB.145 DWEB.155 DWEB.160	\$42,000 \$379,000 \$0 \$0 \$0 \$30,000	BWEA 100 BWEA 165	\$30,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$83,000 \$60,000 \$28,000 \$0	CONT.A00 CONT.A05 CONT.A10	\$133,25 \$96,35 \$278,06 \$26,06	PCOMT.ACC PCOMT.ACC	\$0 \$0	\$500 \$82 \$120 \$24 \$81 \$131 \$90 \$277 \$22 \$22 \$22 \$22 \$21
Jow Lines (Line Piper from wellhead to central facility) \$21,558 \$2.558 Jow Lines (Line Piper from wellhead to central facility) \$10,558 \$1.558 Joe Lines to Sales \$10,000 \$10,000 \$10,000 Joe Lines (Line Piper from wellhead to central facility) \$10,000 \$10,000 \$10,000 Joe Lines (Line Piper from wellhead to central facility) \$10,000 \$10,000 \$10,000 \$10,000 Joe Lines (Line Piper from wellhead to central facility) \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 Joe Lines (Line Piper from wellhead to central facility) \$10,000 <t< td=""><td>Conductor Pripe Water String surface Cosing intermediate Cosing 1 intermediate Cosing 2 intermediate Cosing 2</td><td>nchars, ESP, GVLs, PC Pu</td><td>103/4" 75/8" 0 0 5.5" x 5" 0 27/8"</td><td>0 0 21951 0</td><td>\$35,00 \$30,00 \$0,00 \$0,00 \$23,00 \$0,00</td><td>DWEB.140 DWEB.145 DWEB.155 DWEB.160</td><td>\$42,000 \$379,000 \$0 \$0 \$0 \$30,000</td><td>BWEA 100 BWEA 165</td><td>\$30,000</td><td>STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405</td><td>\$83,000 \$60,000 \$28,000 \$0</td><td>CONT.A00 CONT.A10 CONT.A10 CONT.A15 CONT.A15</td><td>\$133,25 \$96,35 \$278,06 \$26,06 \$15,62</td><td>PCOMT.ABD</td><td>\$0 \$0</td><td>\$80 \$82 \$12 \$8 \$8 \$13, \$9 \$27, \$22</td></t<>	Conductor Pripe Water String surface Cosing intermediate Cosing 1 intermediate Cosing 2	nchars, ESP, GVLs, PC Pu	103/4" 75/8" 0 0 5.5" x 5" 0 27/8"	0 0 21951 0	\$35,00 \$30,00 \$0,00 \$0,00 \$23,00 \$0,00	DWEB.140 DWEB.145 DWEB.155 DWEB.160	\$42,000 \$379,000 \$0 \$0 \$0 \$30,000	BWEA 100 BWEA 165	\$30,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$83,000 \$60,000 \$28,000 \$0	CONT.A00 CONT.A10 CONT.A10 CONT.A15 CONT.A15	\$133,25 \$96,35 \$278,06 \$26,06 \$15,62	PCOMT.ABD	\$0 \$0	\$80 \$82 \$12 \$8 \$8 \$13, \$9 \$27, \$22
	Conductor Prope Water String Surface Cosing Intermediate Cosing 1 Intermediate Cosing 2 Filling Liter Froduction Caing or Liner Froduction Ties Back Wellinead, Free, Chokes Inter Hange, Isolation Packer Facker, Ripales Josepholia Literation Filling Filling Literation Filling Filling Literation Filling Fil	nchars, ESP, GVLs, PC Pu	103/4" 75/8" 0 0 5.5" x 5" 0 27/8"	0 0 21951 0	\$35,00 \$30,00 \$0,00 \$0,00 \$23,00 \$0,00	DWEB.140 DWEB.145 DWEB.155 DWEB.160	\$42,000 \$379,000 \$0 \$0 \$0 \$30,000	BWEA 100 BWEA 165	\$30,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$83,000 \$60,000 \$28,000 \$0	CONT.A00 CONT.A05 CONT.A10 CONT.A15 CONT.A15 CONT.A20	\$133,25 \$96,35 \$278,06 \$26,06 \$15,62 \$82,81	PCOMT.ABD	\$0 \$0	\$500 \$82 \$120 \$24 \$81 \$131 \$90 \$277 \$22 \$22 \$22 \$22 \$21
Seters and Metering Equipment CONTLANS 533,013 STATE	Conductor Prope Valuer String jurface Cosing intermediate Cosing 1 intermediate Cosing 2 intiling Limit remediate Cosing 2 infiling Limit remediate Cosing 2 infiling Limit reduction Cosing 2 infiling Limit reduction Tie Back tubbing Welfilinedt, Tree, Chokes limer Hamper, pilotition Packer rocker, Ripples Jonanhole (Iff Equipment (BHP, Rods, An instillact State Insulation) VC Lease Equipment anak, Tonks Steps, Stairs sattery Riseater Treater, Separator, Gas iscondary Contoinments Torched Power Institution (electric lini ability Esterical & Automation in With Connection (a) Control Cosing Insulation (electric lini ability Esterical & Automation With Connection (e) Cosing Insulation Insula	ncharz, ESP, GVLs, PC Pu Treating Equipment) ne to facility)	103/4" 75/8" 0 0 5.5" x 5" 0 27/8"	0 0 21951 0	\$35,00 \$30,00 \$0,00 \$0,00 \$23,00 \$0,00	DWEB.140 DWEB.145 DWEB.155 DWEB.160	\$42,000 \$379,000 \$0 \$0 \$0 \$30,000	BWEA 100 BWEA 165	\$30,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$83,000 \$60,000 \$28,000 \$0	CONT.A00 CONT.A05 CONT.A15 CONT.A15 CONT.A25 CONT.A25	\$133,250 \$96,35 \$278,06 \$26,06 \$15,62 \$82,81 \$5,14	PCOMT.ACC PCOMT.ACC	\$0 \$0	\$50 \$8 \$12 \$2 \$8 \$13 \$13 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2
otal Tangibles \$451,000 \$535,000 \$251,000 \$798,529 \$0 \$2,0	canductor Price Vater String urface Casing interactions intermediate Casing 1 intermediate Casing 1 intermediate Casing 2 intermediate Casing 2 intermediate Casing 2 intermediate Casing or Liner vooluction Tie-Back vooluction vooluction Tie-Back vooluction voolu	ncharz, ESP, GVLs, PC Pu Treating Eaujamentj ne to facility)	103/4" 75/8" 0 0 5.5" x 5" 0 27/8"	0 0 21951 0	\$35,00 \$30,00 \$0,00 \$0,00 \$23,00 \$0,00	DWEB.140 DWEB.145 DWEB.155 DWEB.160	\$42,000 \$379,000 \$0 \$0 \$0 \$30,000	BWEA 100 BWEA 165	\$30,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$83,000 \$60,000 \$28,000 \$0	CONT.A00 CONT.A05 CONT.A05 CONT.A05 CONT.A05 CONT.A05 CONT.A05 CONT.A05 CONT.A05 CONT.A05	\$133,250 \$96,350 \$278,060 \$15,620 \$15,620 \$82,81 \$55,140	PCOMILATO PCOMILATO PCOMILATO	\$0 \$0	\$50 \$8 \$12 \$2 \$8 \$13 \$13 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2
	anductor Price Vater String urface Cosing thermediate Cosing 1 thermediate Cosing 1 thermediate Cosing 2 riffing Liner voduction Casing or Liner voduction Tie Back ubbing Vethreat, Tree, Chakes iner Hanger, Isolation Packer racker, Ripples unumping Unit, Engine Downhale Lift Equipment (BHP, Rods, An issibilite) Lift California Victoria (BHP, Rods, An issibilite) Lift California Lift Casing Casing Victoria (BHP, Rods, An issibilite) Lift Casing Victoria (BHP, Rods,	ncharz, ESP, GVLs, PC Pu Treating Eaujamentj ne to facility)	103/4" 75/8" 0 0 5.5" x 5" 0 27/8"	0 0 21951 0	\$35,00 \$30,00 \$0,00 \$0,00 \$23,00 \$0,00	DWEB.140 DWEB.145 DWEB.155 DWEB.160	\$42,000 \$379,000 \$0 \$0 \$0 \$30,000	BWEA 100 BWEA 165	\$30,000	STIMT.101 STIMT.105 STIMT.120 STIMT.400 STIMT.405	\$83,000 \$60,000 \$28,000 \$0	CONT.ADS	\$133,255 \$96,35; \$278,060 \$26,06 \$15,62; \$82,81; \$5,14 \$21,56 \$105,63	PCOMI ACC PCOMT ACC	\$0 \$0	\$50 \$8 \$12 \$2 \$5 \$5 \$5 \$5 \$7 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2
8A Cests 50 DICC295 50 DICC235 50	onductor Price Valeer String urface Cosing steernediste Cosing 1 steernediste Cosing 1 steernediste Cosing 2 stelling Liner voduction Cosing 2 stelling Liner voduction Tie-Back ubbing verbiend, Tree, Chokes iner Hanger, Isolation Packer acker, Nipples umping Unit, Engine sownhale Uli Edulament (BHP, Rods, An isolation Cosing Cosing Cosing Cosing Vic Lears Equidoment ank, Tonks Steps, Stairs steern Pleater Treater, Separator, Gas I secondary Containments andity Electrical & Automation Glow Lines (Line Pipe from weithead to co footnet Line Pipe from weithead to co footnets the Pipe from weithead to co footnets to Selent Super to see the color of the footnets to Selent Super Sup	ncharz, ESP, GVLs, PC Pu Treating Eaujamentj ne to facility)	103/4" 75/8" 0 0 5.5" x 5" 0 27/8"	0 0 21951 0	\$35,00 \$30,00 \$0,00 \$0,00 \$23,00 \$0,00	DWEB.140 DWEB.145 DWEB.155 DWEB.160	\$41,000 \$779,000 \$5 \$5 \$5 \$5 \$5,000 \$5,000 \$5	BWIA.100 BWIA.105 BWIA.125 BWIA.125	\$30,000 \$30,000	STRAT.101 STRAT.105 STRAT.120 STRAT.120 STRAT.120 STRAT.420 STRAT.400	\$83,000 \$60,000 \$28,000 \$30,000	CONT.A05 CONT.A15 CONT.A15 CONT.A15 CONT.A15 CONT.A15 CONT.A35 CONT.A36 CONT.A36 CONT.A36	\$133,25 \$96,35; \$278,06 \$15,62; \$15,62; \$82,81 \$51,14 \$21,56 \$105,63 \$33,01	PCOMI AGO PCOMIT AGO	90 \$0 \$0 \$0	\$50 \$8 \$12 \$2 \$8 \$13 \$13 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$2 \$3 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4 \$4
	anduster Prope test String urface Casing termeliates Casing 3 termeliates Casing 4 termeliates Casing 6 termeliate	ncharz, ESP, GVLs, PC Pu Treating Eaujamentj ne to facility)	103/4" 75/8" 0 0 5.5" x 5" 0 27/8"	0 0 21951 0	\$35,00 \$30,00 \$0,00 \$0,00 \$23,00 \$0,00	DWEB.140 DWEB.145 DWEB.155 DWEB.160	\$41,000 \$779,000 \$5 \$5 \$5 \$5 \$5,000 \$5,000 \$5	BWIA.100 BWIA.105 BWIA.125 BWIA.125	\$10,000 \$30,000 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50 \$50	STMAT.101 STMAT.105 STMAT.105 STMAT.120 STMAT.120 STMAT.405 STMAT.405	\$83,000 \$60,000 \$28,000 \$380,000 \$30,000	CONT.400 CONT.405 CONT.410 CONT.410 CONT.425 CONT.425 CONT.430 CONT.430 CONT.445	\$133,255 \$96,35 \$178,06 \$26,06 \$15,62 \$82,81 \$5,14 \$21,56 \$105,63 \$33,01 \$798,52	POMI ARE POMI ARE	90 90 90 90 90 90	\$550 \$12 \$12 \$13 \$13 \$13 \$13 \$13 \$13 \$13 \$13 \$13 \$13



Authorization For Expenditure

Company Entity Cimarex Energy Co				Date Prepa		er 18, 201	В
Region Well Name	Prospect or F	ield Name Pr	operty Number	F 9 2 4 5	Drilling	AFE No.	
PERMIAN Dos Equis 12-13 Fed Com	86Н						
Estimate Type	Cour	tv	State		Typ	e Well	
E/2 E/2 of Sections 12 and 13-T24S-R32E	Lea		NM	Oil Gas	X	Expl Prod	x
Estimate Type	Est.Start Date	2 Est Co	mp Date	Form	nation	Ttl Mea	sured Depth
Original Estimate x			III DOCE			2	1,951'
Revised Estimate Supplemental Estimate				WOLFO	CAMP A		tical Depth 2,300'
Project Description	1920 - 1920 - 1920 - 1920						
Drill and complete a horizontal test. Drill to 1200', so							
at +/- 12399' MD. Finish curve at +/- 3°/100' to +/- 1 frac.Drill out plugs. Run production packer, tubing a		long lateral in the Wo	olfcamp formation	. Run and c	ement pro	duction lin	er. Stage
Trace of programmer production packer, taking a							
Intangibles	Dry Hole	10000	After Casing Po	oint	Con	pleted W	
Drilling Costs Completion Costs	\$3,508	TO STORY THE PROPERTY OF	\$7,319,199			\$3,508,0	
Total Intangible Costs	\$3,508		\$7,319,199		L	\$10,827,1	
Tancibles							
Tangibles Well Equipment	\$451,	000	\$786,000			\$1,237,0	00
Lease Equipment			\$798,529			\$798,52	
Total Tangible Well Cost	\$451,	000	\$1,584,529			\$2,035,5	29
Plug and Abandon Cost	\$0		\$0	s			
Total Well Cost	\$3,959	000	\$8,903,728	\$12,862,728			28
Well Control Insurance Unless otherwise indicated below, you, as a non-op long as Operator conducts operations hereunder an you must provide a certificate of such insurance acc commencement of drilling operations. You agree the procured by Operator. I elect to purchase my own well control in Well control insurance procured by Operator, provide related redrilling and clean-up/pollution expense control insurance procured by Operator, provide the control insurance procured by Operator.	Id to pay your prorated share of eptable to Operator, as to forn hat failure to provide the certifi nsurance policy. des, among other terms, for \$2	f the premiums there n and limits, at the tir cate of insurance, as 0,000,000 (100% W.I.	efore. If you elect in this AFE is return provided herein, volume in the control of the control	to purchase rned, if avai vill result in gle Limit co	e your own ilable, but i i your being	well contr n no even g covered	ol insurance, t later than by insurance
Marketings: lection Cimarex sells its gas under arm's-length contracts w volumes delivered over time. Should you choose to request to Cimarex's Marketing Department, we will shall be deemed an election to market your gas with	market your share of gas with I share with you the terms and	Cimarex, you will be conditions pursuant	subject to all of th to which gas will b	e terms of	such contra	cts. Upon	written
I elect to take my gas in kind.	remark to the transmit	dans of the					
l elect to market my gas with Cimarex pu	rouant to the terms and condi	ions of its contract.					
Comments on AFE The above costs are estimates only and anticipate tr without affecting the authorization for expenditure legal, curative, regulatory and well costs under term	herein granted. By approval o	this AFE, the workin	g interest owner a	grees to pa	y its propo	tionate sh	mated costs nare of actual
		gy Co. Approval					
Prepared by	Drilling and Completion Mana	ger	Regional Ma	anager			

	AND RESIDENCE OF THE PARTY OF T	est Approval					
Company	Ву		Date				The second second second
			Date				



					The second									
				1000	BCP - Drilling (Dry Hole Cost)		ACP - Drilling		Completion /		Production	100	Post	Total Wel
intangibles				Codes	(Uny Hole Cost)	Foder		Cedas		-	Equipment /	Conse	Completion	
Roads & Location Preparation / Restoration	-		-	DIDC 100	\$100,000	77777	MIMINI	\$TIM 100	\$3,000	CON 100	\$19.875	PCOM.100	\$40,000	\$162
Damages				DIDC.105	\$10,000	111111		777777	11111111	CON 105	\$8,859			\$18
Mud / Fluids Disposal Charges				DIDC.255				STIM.255	\$53,000	-	XIIIIIIIII	PCOM.255	\$255,500	\$468
Day Rate 29.00 DH Days 4.00 ACP Days	(A)	\$25,000	Per Day	DIDC.115	\$750,000	DICC.120	\$100,000		7777777			111111	11111111	\$850
Misc Preparation Cost (mouse hole, rat hole, pads, pile clusters, misc.)					550,000									\$50
Bits					\$150,000	DICC.125	50	STIM.125	50			PCOM.125	50	\$150,
Fuel \$3.00 Per Gallon	1,150	Gallons Per I	Day	DIDC.135	\$117,000	DICC.130	\$0					PCOM.130	\$0	5117
Water for Orilling Rig / Completion Fluids (Not Frac Water)				DIDC.140		DICC.135		STIM.135	\$24,000			PCOM.135	SO	\$29,
Mud & Additives				DIDC.145	\$350,000									\$350,
Surface Rentals	\$3,000	Per Day (BC)	?)	DIDC.150	\$117,000	DICC.140	50	STIM.140		CON.140	\$1,900	PCOM.140	\$170,000	\$477,
Downhole Rentals				DIDC.155	\$178,000			STIM.145				PCOM.145	\$0	\$178
Formation Evaluation (DST, Coring including evaluation, G&C			,	DIDC.160	\$0			STIM.150	\$0					
	Days @	\$1,200	Per Day	DIDC.170	\$36,000									\$36
Open Hole Lagging				DIDC.180	50							24444		
Cementing & Float Equipment				DIDC.185	5190,000		\$100,000			4444				\$290
Tubular Inspections				DIDC.190	\$50,000			STIM.160	\$4,000			PCOM.160	\$0	\$62
Casing Crews				DIDC.195	522,000			STIM.165						\$37
Extra Labor, Welding, Etc.				DIDC.200	\$20,000	DEC 170	\$3,000		50		\$181,375	PCOM.170	\$62,800	\$267
and Transporation (Trucking for tangibles)			1-	DIDC.205	\$30,000		\$8,000		\$4,000			PCOM.175	\$4,000	\$59.
Supervision	54,000		Per Day	DIDC.210	\$140,000			STIM.180	\$74,000			PCOM.180	\$0	\$237,
Trailer House / Camp / Catering	\$1,000.00	Per	Day	DIDC.280	539,000	DICC.255	\$4,000	STIM.280						\$80
Other Misc Expenses				DIDC.220	\$5,000			STIM.190	\$100,000	CON.190	\$7,500	PCOM.190	SO	\$112
Overhead				DIDC.225	\$5,000	DICC.195	\$5,000			4444	***********		THILLID.	\$10
Remedial Cementing				DIDC.231	50		444444	STIM.215	\$0	111111	44444444	PCOM.215	50	
MOB/DEMOB				DIDC.240	\$150,000	111111	444444	44444	444444	111111	<i>¥444444</i>	4/////	(///////	\$150
Directional Drilling Services				DIDC.245	\$434,000	//////	44444	4444	11111111			44444	44444	\$434
Crane for Construction						4444	444444	4444	<i>44444</i>	CON.230		<i>4444</i>	<i>}}}},</i>	
Solids Central				DIDC589	\$99,000					4////	***************************************		11111111	599
Well Control Equip (Snubbing Svcs.)				DIDC.265	\$116,000			5TIM.240	\$161,000	4444		PCOM.240	50	5277
Fishing & Sidetrack Operations				DIDC.270	50	DICC.245	50	51IM.245	\$0	/////	44444444	PCDM.245	\$0	
Completion Rig				14444	444444	4444	944444	STIM.115	\$21,000	4444		PCOM.115	\$0	\$21,
Coil Tubing				4444	///////////////////////////////////////	<i>4444</i>		5TRM.260	\$368,000	4444		PCDM.260	50	\$368
Completion Logging, Perforating, WL Units, WL Surveys				111111	444444	4444	344444	5THM.200	\$436,000	4444	<i>}}}}}</i>	PCOM-200	50	\$436,
Composite Plugs				94111	444444	4444		57IM.390	\$108,000	4444	///////////////////////////////////////	PCDM.390	\$0	\$108,
Stimulation Pumping Charges, Chemicals, Additives, Sand				4444	<i>(444444)</i>	4444		5THM.210	\$3,182,000	4444		PCOM.210	50	\$3,182,
Stimulation Water / Water Transfer / Water Storage				14444		/////		5TUM.395	\$964,000	4////		4444		\$964,
Cimarex Owned Frac / Rental Equipment				111111		/////		STR4.305	50	111111		4444		
Legal / Regulatory / Curative				DIDC.300	510,000			4444		CON 300	5781	//////		\$10,
Well Control Insurance 50.35 Per Focs				DIDC.285	\$8,000									58,
Contingency 5.0 % of Dulling Intangib	les			DIDC.435	\$167,000	DICC.720	\$13,000	5TIM.220	\$286,000	CON.220	\$115,092	PCOM.220	\$33,420	\$614,
Construction For Flow Lines				4444	444444	4444	444444	4444	444444	CON-310	\$111,347			\$111,
Construction For Sales P/L Total Intangible Cost					\$3,508,000					CON.265	50			
			TORRESONO IN COLOR	nucleonic regions	\$3,508,000	STREET, STREET	\$272,000	-	\$6,014,000	Roman and American	\$467,479		\$565,720	\$10,827,
		SOURCE SOURCE						accommodal to		or and a second				
Tangible - Well Equipment	-	- Cont	C (5	mm		,,,,,,,		,,,,,,,,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	mm	NIIIIIIIII	,,,,,,,,	mm	777777
Tangible - Well Equipment Casing	Size	Feet								4444				
Fangible - Well Equipment Casing Drive Pipe	0	0	\$0.00	DWEB.150	50									
Finable - Well Equipment Coung Drive Pipe Conductor Pipe	0	0	\$0.00	DWE8.150 DWE8.130	\$0 \$0									
Entitible a Well Equipment Cosing Drive Pipe Conductor Pipe Water String	0 13 3/3"	0	\$0.00 \$0.00 \$42.00	DWEB.150 DWEB.130 DWEB.135	\$0 \$0 \$0									
Empilik a Well Caulament Baing Drive Flag Drive Flag Drive Flag Water String Water String Water String Water Caulang	0 13 3/3" 10 3/4"	0 0 0 1200	\$0.00 \$0.00 \$42.00 \$35.00	DWE8.150 DWE8.150 DWE8.135 DWE8.140	\$0 \$0 \$0 \$42,000									
Emilible-Well Engineent Coung Drive Pipe Drive Pipe Water Strong Surface Couing Intermediate Coing I	0 0 13 3/3" 10 3/4" 7 5/8"	0 0 1200 12500	\$0.00 \$0.00 \$42.00 \$35.00 \$30.00	DWE8.150 DWE8.130 DWE8.135 DWE8.140 DWE8.145	\$0 \$0 \$0 \$42,000 \$379,000									
Empilet » Well Emigment esing prive Fige Order Fige Voter String Under Cesing Intermediate Cesing I Intermediate Cesing 2	0 0 13 3/3" 10 3/4" 7 5/8"	0 0 1200 12500	\$0.00 \$0.00 \$42.00 \$35.00 \$30.00	DWEB.130 DWEB.130 DWEB.140 DWEB.140 DWEB.145 DWEB.155	\$0 \$0 \$0 \$42,000 \$379,000 \$0									
Empile - Well Equipment coing prive Pipe Note Pipe Water String Water String Water String United Str	0 0 13 3/3" 10 3/4" 7 5/8"	0 0 0 1200 12500 0	\$0.00 \$0.00 \$42.00 \$35.00 \$30.00 \$0.00	DWEB.130 DWEB.130 DWEB.140 DWEB.145 DWEB.145 DWEB.160	\$0 \$0 \$0 \$42,000 \$379,000 \$0 \$0		SER AT							\$379,
Carefole - Well Engineent Carego Drive Fige Voter Fige Voter - String Voter - String Voter - String Voter - Caring Voter - Car	0 0 13 3/4" 10 3/4" 7 5/8" 0 0 5.5" * 5"	0 0 1200 12500	\$0.00 \$0.00 \$42.00 \$35.00 \$30.00 \$0.00 \$23.00	DWER.150 DWER.130 DWER.135 DWER.140 DWER.145 DWER.155 DWER.155	\$0 \$0 \$0 \$42,000 \$379,000 \$0 \$0	DWIA 100	\$505,000							\$379,
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STATE OF NEW MEXICO DEPARTMENT OF ENERGY, MINERALS AND NATURAL RESOURCES OIL CONSERVATION DIVISION

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

CASE NO. 20305

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

CASE NO. 20306

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

CASE NO. 20307

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

CASE NO. 20308

AFFIDAVIT OF LAUREN COPLEY

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

Lauren Copley, being duly sworn, deposes and states:

- 1. I am over the age of 18, I am a geologist for Cimarex Energy Co. ("Cimarex"), and have personal knowledge of the matters stated herein. I have been qualified by the Oil Conservation Division ("Division") as an expert petroleum geologist and my credentials were accepted as a matter of record by the Division.
- 2. I conducted a geological study of the area that encompasses the horizontal spacing units that are the subject of Cimarex's applications in these cases and am familiar with the geological matters involved in these cases.

- 3. Case Nos. 20305-20308 include proposed Wolfcamp horizontal spacing units located in Sections 12 and 13 of Township 24 South, Range 32 East in Lea County, New Mexico, which is the focus of my study area.
- 4. As part of my study, I have prepared the following geological exhibits with respect to the horizontal spacing units for each above-referenced case (the **Dos Equis 12-13 Federal Com 8H, 47H, 73H, and 86H** wells) that are attached to my affidavit and described below:
 - a. **Exhibit B.1.8H-86H** is a Structure Map on the top of the Wolfcamp formation shown in subsea TVD. Wolfcamp producers are indicated by the purple diamonds. This map identifies the sections to be developed with a purple dotted line, and the cross-section wells with a black solid line from A-A'. It also shows that the structure dips slightly to the east-southeast.
 - b. Exhibit B.2.8H-86H is a Net Porosity Map of the Upper Wolfcamp formation. It shows the porosity is relatively consistent across the sections proposed to be developed.
 - c. **Exhibit B.3.8H-86H** is a Proposed Development Map in the Upper Wolfcamp formation. It identifies the proposed wells location by vertical purple lines.
 - d. **Exhibit B.4.8H-86H** is a Stratigraphic Cross Section of the Upper Wolfcamp formation hung on the top of the Wolfcamp. From left to right, the logs are ordered with Gamma Ray in the leftmost track, then Deep Resistivity, then PE, then Neutron-Density Porosity, and lastly Density Porosity repeated in the rightmost track. These 3 well logs on the cross-section give a representative sample of the Upper Wolfcamp formation in the area. The target zone for the wells is the Wolfcamp Y Sand and Wolfcamp A1, shown by the 2 orange shaded zones, and

- these zones are relatively consistent across the unit. The planned well paths for these wells are indicated by black lines.
- e. Exhibit B.5.8H-86H is a Wolfcamp Development Diagram showing a gunbarrel view of the proposed development plan, showing the western section line on the left and the eastern section line on the right. A type log is included on the left. This diagram shows the plan to develop the Upper Wolfcamp in a stack-stagger pattern at a total of 10 wells per section spacing. The landing targets are shown on the included type log on the left. The black labeled spacing between wells shows the approximate distances between take points of the wells.
- 5. **Exhibit B.0** are Wellbore Diagrams for the wells proposed in the above-referenced cases. It shows each well's TVD and setbacks from the proposed unit boundary.
- 6. Based upon my study as illustrated in these exhibits, knowledge of the geology in this area, and education and training, it is my expert opinion that:
 - a. The horizontal spacing units in these cases are justified from a geologic standpoint.
 - b. There are no structural impediments or faulting that will interfere with the proposed horizontal development.
 - c. Each quarter quarter section in the unit will contribute more or less equally to production.
 - 7. The preferred well orientation in this area is north-south.
- 8. The producing interval for each of the wells in these cases will be orthodox and will comply with the Division's set back requirements.
- 9. I attest that the information provided herein is true, correct and complete to the best of my knowledge and belief.

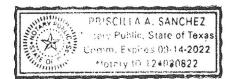
Lauren Copley

SUBSCRIBED AND SWORN to before me this _____day of June 2019 by Lauren Copley,

on behalf of Cimarex Energy Co.

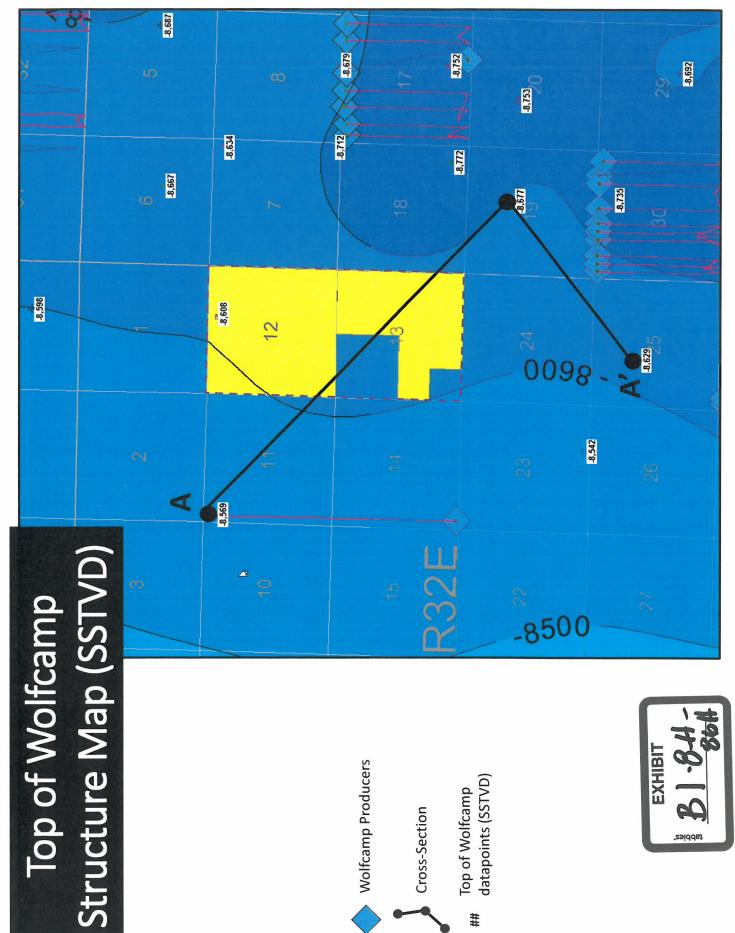
Notary Public

My commission expires: 09-14-202



Dos Equis 12-13 Fed 8H, 47H, 73H, 86H Upper Wolfcamp

Sec 12-13 T24S R32E Lea County, New Mexico



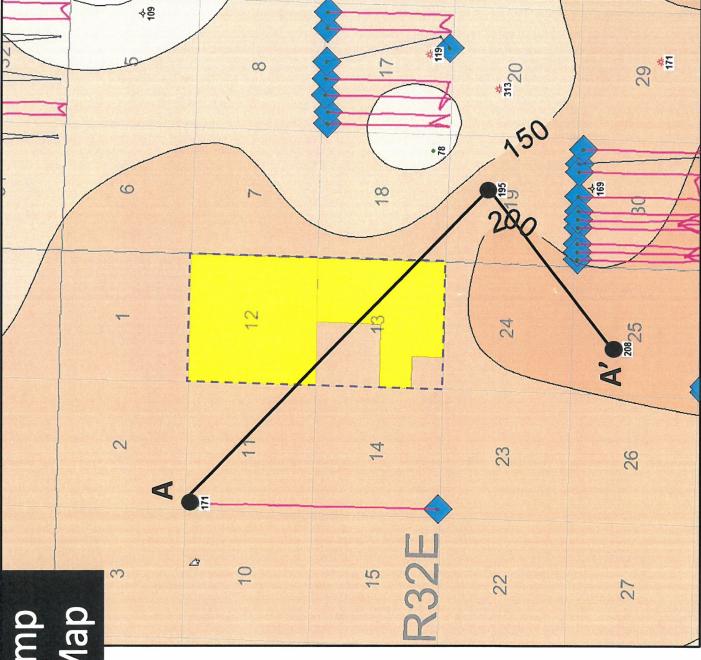
Wolfcamp Producers

Cross-Section

datapoints (SSTVD) Top of Wolfcamp



Upper Wolfcamp Net Porosity Map







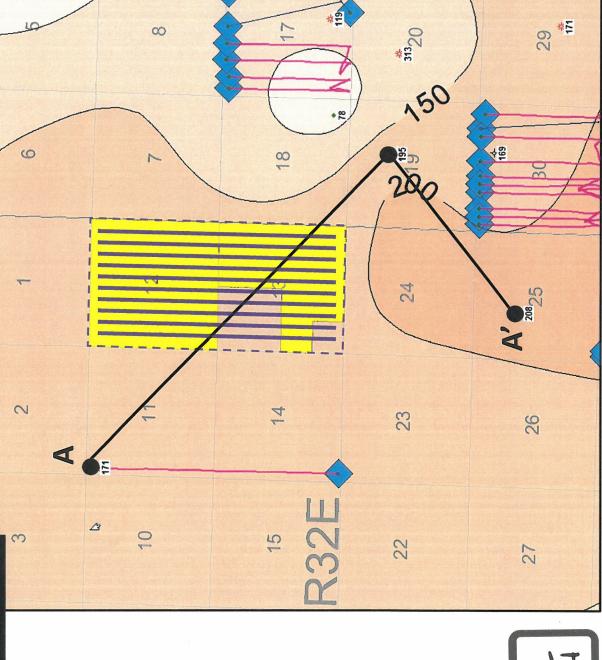
Cross-Section

Wolfcamp Producers

Upper Wolfcamp net porosity datapoints

Upper Wolfcamp Development

46



Wolfcamp Producers

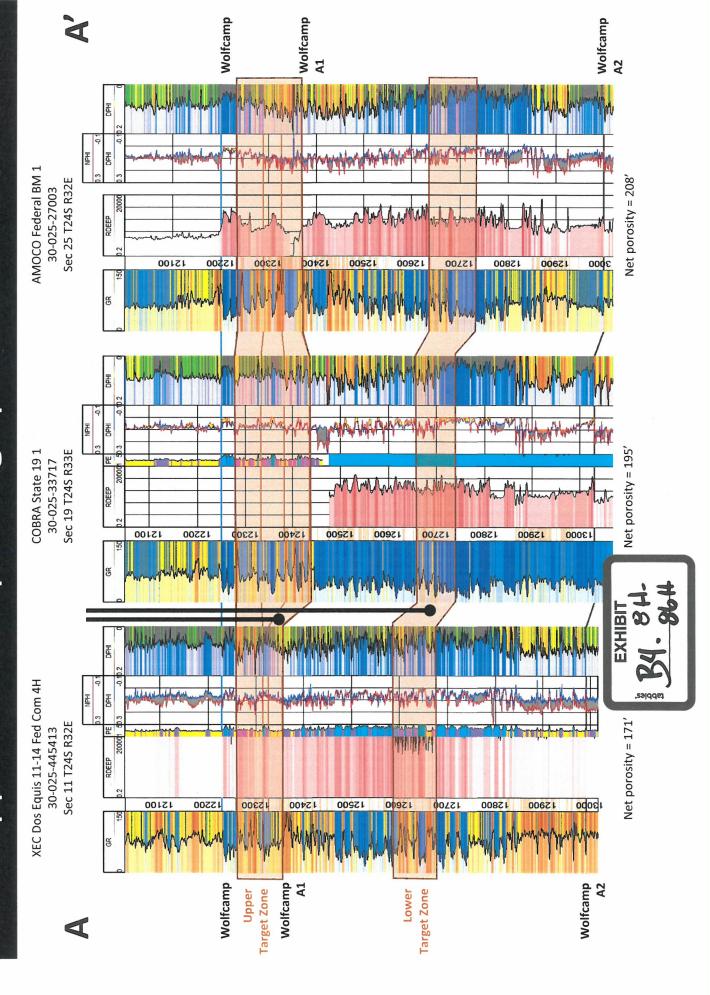
Upper Wolfcamp net porosity datapoints

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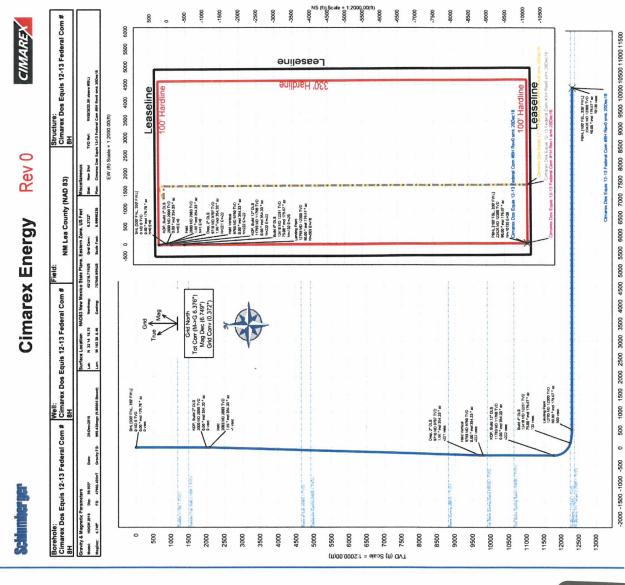
Cross-Section



Jpper Wolfcamp Stratigraphic Cross-Section

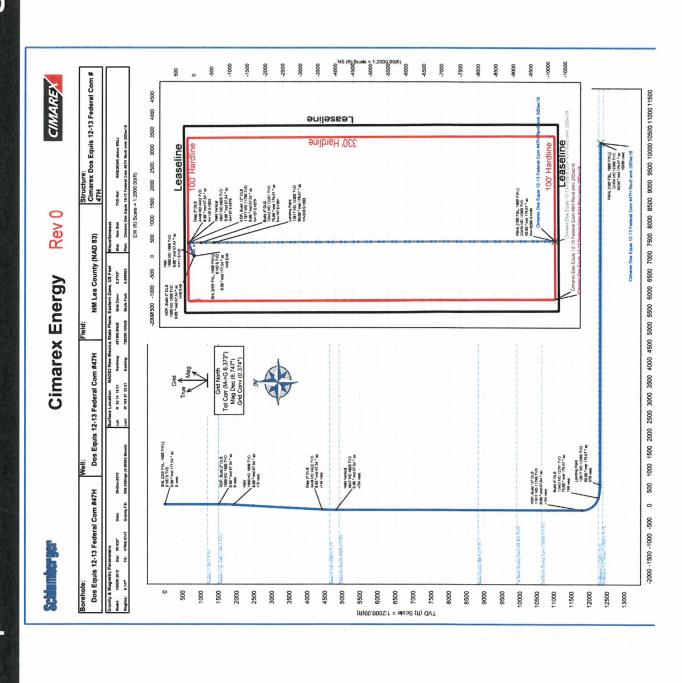


Dos Equis 12-13 Fed Com 8H Wellbore Diagram

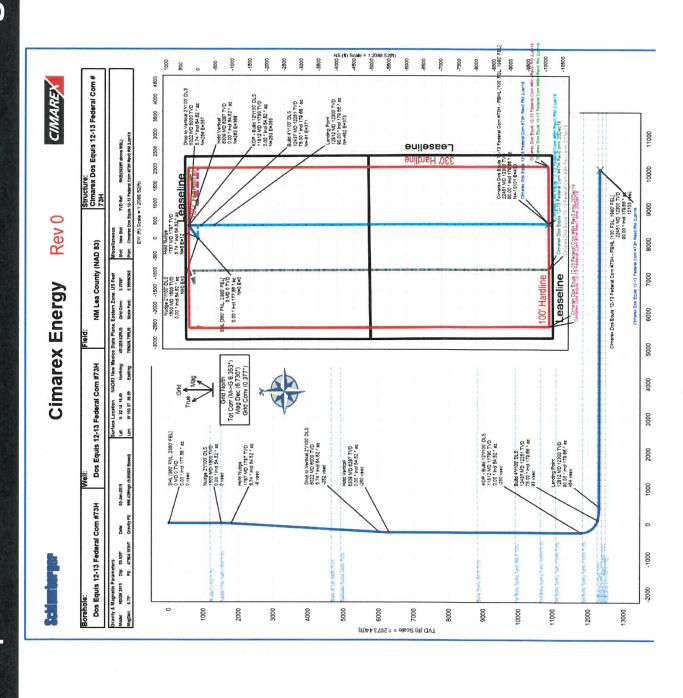




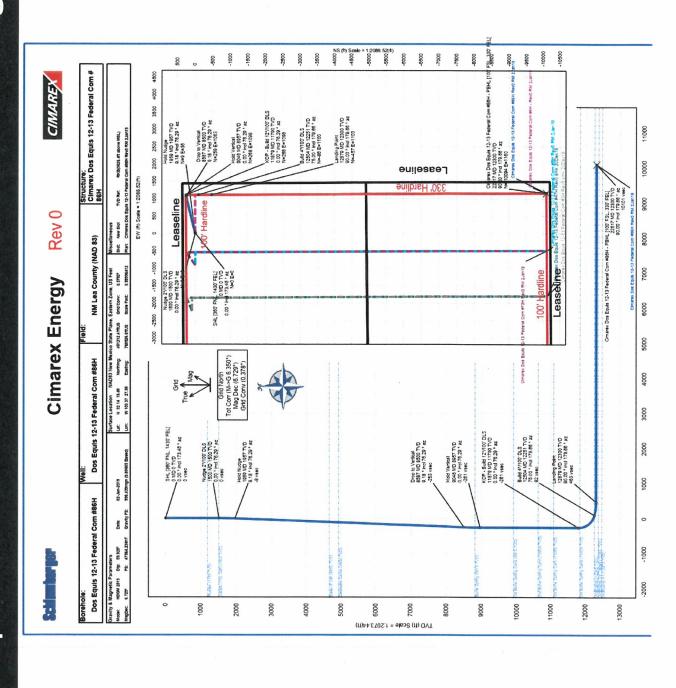
Dos Equis 12-13 Fed Com 47H Wellbore Diagram



Dos Equis 12-13 Fed Com 73H Wellbore Diagram



Dos Equis 12-13 Fed Com 86H Wellbore Diagram



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

APPLICATION OF CIMAREX	
ENERGY CO. FOR COMPULSORY	
POOLING, LEA COUNTY,	
NEW MEXICO	CASE NO. 20305
APPLICATION OF CIMAREX	
ENERGY CO. FOR COMPULSORY	
POOLING, LEA COUNTY,	
NEW MEXICO	CASE NO. 20306
APPLICATION OF CIMAREX	
ENERGY CO. FOR COMPULSORY	
POOLING, LEA COUNTY,	
NEW MEXICO	CASE NO. 20307
APPLICATION OF CIMAREX	
ENERGY CO. FOR COMPULSORY	
POOLING, LEA COUNTY,	
NEW MEXICO	CASE NO. 20308
	21221,012000
STATE OF NEW MEXICO)	

Lance D. Hough, attorney in fact and authorized representative of Cimarex Energy Co., the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Applications were provided under the notice letters and that proof of receipts are attached hereto. Cimarex Energy Co. has conducted a good faith, diligent effort to find the names and correct addresses for the interest owners entitled to receive notice of the application filed herein.

Lance D. Hough

SUBSCRIBED AND SWORN to before me this 19th day of June 2019 by Lance D. Hough.



COUNTY OF BERNALILLO

S E A L



Notary Public
My commission expires: 4-29-4023

Leslie Morse Modrall Sperling Law Firm P.O. Box 2168 500 4th St., NW, Suite 1000 Albuquerque NM 87103-2168

PS Form 3877 Type of Mailing: CERTIFIED 02/15/2019



Rest.Del.Fee	Contents	\$0.00 itice	\$0.00 itice	0.00 ce	\$0.00 ntice	\$0.00 stice	\$0.00 tice	\$0.00 tice	\$0.00 tice	\$0.00 trice	\$0.00 tice	\$0.00 tice	\$0.00 stice	\$0.00 tice	\$0.00 tice
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Namo Stroot & DO Addross	Maine, Street & F.O. Address	Chevron USA Inc. 1400 Smith Street Houston TX 77002	ConocoPhillips Company 600 N. Dairy Ashford Rd. Houston TX 77079	Devon Energy Production Co., LP 333 W. Sheridan Ave. Oklahoma City OK 73102	COG Operating LLC and Concho Oil & Gas 600 W. Illinois Midland TX 79701	Anna A. Nearburg, now Anna A. Reischman 8523 Thackery Street, #9301 Dallas TX 79702	rals IV LP	United States of America Bureau of Land Management 1474 Rodeo Road Santa Fe NM 87505	Brigham Young University J. Reuben Clark Law School 341 East Campus Drive Provo UT 84602	Primary Children's Medical Center Foundation P.O. Box 413168 Salt Lake City UT 84141	Gretchen B. Nearburg, wife of Eugene E. Nearburg, deceased 1129 Challenger Lakeway TX 78734	Pitch Energy P.O. Box 304 Artesia NM 88211-8304	James Briscoe, c/o McCormick, Caraway Firm BUJAC Building, 112 North Canyon P.O. Box 1718 Carlsbad NM 88221-1718	Patsy Scrimshire c/o McCormick, Caraway Firm BUJAC Building, 112 North Canyon P.O. Box 1718 Carlsbad NM 88221-1718	Ora Carol Pennington c/o McCormick Caraway Tabor BUJAC Building, 112 North Canyon P.O. Box 1718 Carlsbad NM 88221-1718
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Leslic Morse Modrall Sperling Law Firm P.O. Box 2168 500 4th St., NW, Suite 1000 Albuquerque NM 87103-2168

PS Form 3877 Type of Mailing: CERTIFIED 02/15/2019



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Rest.Del.Fee Contents	\$0.00 Notice	\$0.00 Notice	\$0.00 Notice	\$0.00 Notice	80.00	\$128.70
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Name, Street & P.O. Address	9314 8699 0430 0055 8733 87 Duane A. Davis, Attorney-in-Fact for Anna A. Reischman P.O. Box 823085 Dallas TX 75382-3085	Robert Erle Payne, deceased P.O. Box 577 Hermosa Beach CA 90254	Carol Wright Bailey 310 S. "I" Street Midland TX 79701	Shelly Wright Hickman 411 S "M" Street Midland TX 79701		
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Dated:
Postmaster: Name of receiving employee
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Address	411 S "M" Street	310 S. "I" Street	P.O. Box 577	P.O. Box 823085	P.O. Box 1718	P.O. Box 1718	P.O. Box 1718	P.O. Box 304	1129 Challenger	P.O. Box 413168	341 East Campus Drive	1474 Rodeo Road	P.O. Box 2063	8523 Thackery Street, #9301	600 W. Illinois	333 W. Sheridan Ave.	600 N. Dairy Ashford Rd.	1400 Smith Street
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· Name 2				for Anna A. Reischman	BUJAC Building, 112 North Canyon	BUJAC Building, 112 North Canyon	BUJAC Building, 112 North Canyon		Nearburg, deceased		J. Reuben Clark Law School	Bureau of Land Management						
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Affidavit of Publication

STATE OF NEW MEXICO COUNTY OF LEA

I, Daniel Russell, Publisher of the Hobbs News-Sun, a newspaper published at Hobbs, New Mexico, solemnly swear that the clipping attached hereto was published in the regular and entire issue of said newspaper, and not a supplement thereof for a period of 1 issue(s).

> Beginning with the issue dated February 21, 2019 and ending with the issue dated February 21, 2019.

Publisher

Sworn and subscribed to before me this 21st day of February 2019.

Business Manager

My commission expires January 29, 2023

OFFICIAL SEAL **CUBBIE BLACK** Notary Public State of New Mexico

This newspaper is duly qualified to publish legal notices or advertisements within the meaning of Section 3, Chapter 167, Laws of 1937 and payment of fees for said

LEGAL NOTICE FEBRUARY 21, 2019

CASE NO. 20306: Notice to all affected parties, as well as the heirs and devisees of Chevron USA Inc.; ConocoPhillips Company; Devon Energy Production Co., LP; COG Operating LLC and Concho Oll & Gas; Anna A. Nearburg, now Anna A. Reischman; Santa Elena Minerals IV LP; United States of America, Bureau of jand Reischman; Santa Elena Minerals IV LP; United States of America, Bureau of jand Reischman; Santa Elena Minerals IV LP; United States of America, Bureau of jand Reischman; Santa Elena Minerals IV LP; United States of America, Bureau of jand Management; Brigham Young University, J Reuben Clark Law School; Primary Management; Brigham Young University, J Reuben Clark Law School; Primary Menagement; Brigham Young Energy; James Briscoe, c/o McCormick, Caraway Firm; Ora Carol Pennington c/o Patsy Scrimshire c/o McCormick, Caraway Firm; Ora Carol Pennington c/o McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fac

CASE NO. 20307: Notice to all affected parties, as well as the heirs and devisees of Chevron USA Inc.; ConocoPhillips Company; Devon Energy Production Co., LP; Chevron USA Inc.; ConocoPhillips Company; Devon Energy Production Co., LP; COG Operating LLC and Concho Oll & Gas; Anna A. Nearburg, now Anna A. Reischman; Santa Elena Minerals IV LP;, United States of America, Bureau of land Reischman; Santa Elena Minerals IV LP;, United States of America, Bureau of land Reischman; Santa Elena Minerals IV LP;, United States of America, Bureau of land Reischman; Santa Elena Minerals IV LP; James Briscoe, c/o McCormick, Caraway Firm; Ora Carol Pennington C/o Patsy Scrimshire c/o McCormick, Caraway Firm; Ora Carol Pennington C/o Patsy Scrimshire c/o McCormick, Caraway Firm; Ora Carol Pennington C/o McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact for Anna A. McCormick Caraway Tabor; Duane A. Davis, Attorney-in-Fact

Said area is located approximately 26 miles southwest of Hobbs, New Mexico.

CASE NO. 20308: Notice to all affected parties, as well as the heirs and devisees of Chevron USA Inc.; ConocoPhillips Company; Devon Energy Production Co., LP; Chevron USA Inc.; ConocoPhillips Company; Devon Energy Production Co., LP; Company; Devon Energy; Devon Company; Devon Company; Devon Company; Management; Brigham Young University, J Reuben Clark Law School; Primary Management; Brigham Young University, J Reuben Clark Law School; Primary Management; Brigham Young University, J Reuben Clark Law School; Primary Management; Brigham Young University, J Reuben Clark Law School; Primary Management; Brigham Young James Briscoe, Company; James Briscoe, Caroway Firm; Ora Carol Pennington of Company; Carol Pennington Company; Carol Pennington of Cimarex Energy Co.; Sapplication for Compulsory pooling, Lea County, New Mexico. The State of New Mexico, through its Compulsory pooling, Lea County, New Mexico. The State of New Mexico, through its Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:15 a.m. on March 7, 2019. Applicant seeks an order from the Division pooling hearing at 8:15 a.m. on March 7, 2019. Applicant seeks an order from the Division pooling hearing at 8:15 a.m. on March 7, 2019. Applicant seeks an order from the Division pooling hearing at 8:15 a.m. on March 7, 2019. Applicant seeks an order from the Division pooling hearing at 8:15 a.m. on March 7, 2019. Applicant seeks an order from the Division pooling hearing at 8:15 a.m. on March 7, 2019. Applicant seeks an order from the Division pooling hearing at 8:15 a.m. on March 7, 2019. Applicant seeks an order from the Division pooling hearing at 8:15 a.m. on March 7, 2019. Applicant seeks an order from the Division pooling hearing at 8:15 a.m. on March 7, 2019. Applica

Said area is located approximately 26 miles southwest of Hobbs, New Mexico

CASE NO. 20305: Notice to all affected parties, as well as the helrs and devisees of Chevron USA Inc.; ConocoPhillips Company; Devon Energy Production Co., LP; Chevron USA Inc.; ConocoPhillips Company; Devon Energy Production Co., LP; Chevron USA Inc.; ConocoPhillips Company; Devon Energy Production Co., LP; Chevron USA Inc.; ConocoPhillips Company; Devon Energy Production Co., LP; Chevron USA Inc.; ConocoPhillips Company; Devon Energy Production Co., LP; Chevron USA Inc.; ConocoPhillips Company; Devon Energy Production Co., LP; Chevron USA Inc.; ConocoPhillips Company; Chevron USA Inc.; ConocoPhillips Company; Devon Company; James M. Briscoe; Platch Energy; James Briscoe, Clo McCormick, Caraway Firm; Ora Carol Pennington Clo Patsy Scrimshire Clo McCormick, Caraway Firm; Ora Carol Pennington Clo Patsy Scrimshire; Ora Carol Pennington Grimarex Energy Co.'s application for M. Scrimshire; Ora Carol Pennington of Cimarex Energy Co.'s application for M. Scrimshire; Ora Carol Pennington of Cimarex Energy Co.'s application for M. Scrimshire; Ora Carol Pennington of Cimarex Energy Co.'s application for M. Scrimshire; Ora Carol Pennington of Cimarex Energy Co.'s application for M. Scrimshire; Ora Carol Pennington of Cimarex Energy Co.'s application for M. Scrimshire; Ora Carol Pennington of Cimarex Energy Co.'s application for M. Scrimshire; Ora Carol Pennington of Cimarex Energy Co.'s application for M. Scrimshire; Ora Carol Pennington of Cimarex Energy Co.'s application for Conservation Division, hereby gives notice that the Division will conduct a public Oil Conservation Division, hereby gives notice that the Division will conduct a public Oil Conservation Division, hereby gives notice that the Division will conduct a public Oil Conservation Division, hereby gives notice that the Division will conduct a public Oil Conservation Division, hereby gives notice that the Division will conduct a public Oil Conservation Division, hereby gives notice