

Examiner Hearing September 6, 2018 Before the Oil Conservation Division

Case No. 16379

Lea 7 Federal Com 30H



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. 16379

AFFIDAVIT	AF	FD	DA	\mathbf{V}	IT
-----------	----	----	----	--------------	----

STATE OF TEXAS)
) ss.
COUNTY OF MIDLAND)

Cody Elliot, being duly sworn, deposes and states:

- 1. I am over the age of 18, I am a landman 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 landman.
- 2. Pursuant to NMAC 19.15.4.12.A(1), the following information is submitted in support of the above referenced compulsory pooling application:
 - a. The purpose of this application is to force pool working interest owners into the horizontal spacing unit described below, and in the well to be drilled in the unit.
 - b. No opposition is expected because the interest owners being pooled have been contacted regarding the proposed well, but have failed or refused to voluntarily commit their interests in the well.
 - c. A plat outlining the unit being pooled is attached hereto as **Exhibit A**. This exhibit also includes the ownership of each separate tract in the proposed unit and the proposed well's location within the unit. Cimarex seeks an order pooling of all mineral interests in the Bone Spring formation underlying the E/2 E/2 of Section 7,



Township 20 South, Range 35 East, N.M.P.M., Lea County, New Mexico. The unit will be dedicated to the Lea 7 Federal Com 30H well, which is a horizontal well with a surface location in the SE/4 SE/4 of Section 7, Township 20 South, Range 35 East and a final take point in the NE/4 NE/4 of Section 7, Township 20 South, Range 35 East.

- d. There are no depth severances within the Bone Spring formation.
- e. Attached as **Exhibit B** is a proposed C-102 for the well. The well will develop the Wildcat Bone Spring pool, which is an oil pool.
- f. The producing interval for the well will be orthodox and will comply with the Division's set back requirements.
- g. The parties being pooled and the nature and percent of their interests are set forth in **Exhibit A**.
- h. The parties being pooled last known addresses are identified in Exhibit A to DeanaM. Bennett's affidavit which will be submitted as Exhibit 3 in this matter.
- i. There is one un-locatable interest owner.
- j. I have conducted a diligent search of the public records in the county where the well is located, and conducted computer searches to locate contact information for parties entitled to notification, and mailed all parties well proposals, including an Authorization for Expenditure and a form of Operating Agreement.
- k. Cimarex has made a good faith effort to obtain voluntary joinder of the work interest owners in the proposed well.
- 1. Exhibits C and D are a sample proposal letter and the Authorization for Expenditure for the proposed well. The estimated cost of the well set forth therein

- is fair and reasonable, and is comparable to the costs of other wells of similar depths and length drilled in this area of New Mexico.
- m. Cimarex requests overhead and administrative rates of \$7000.00/month for a drilling well and \$700.00/month for a producing well. These rates are fair, and comparable to the rates charged by other operators for wells of this type in this area of Southeastern, New Mexico. Cimarex requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- n. Cimarex requests the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
- o. Cimarex requests that it be designated operator of the well.
- 3. The attachments to this affidavit were prepared by me, or compiled from company business records.
- 4. I attest that the information provided herein is correct and complete to the best of my knowledge and belief.
- 5. The granting of this application is in the interests of conservation and the prevention of waste.

SUBSCRIBED AND SWORN to before me this 5 day of September, 2018 by Cody Elliot,

on behalf of Cimarex Energy Co.

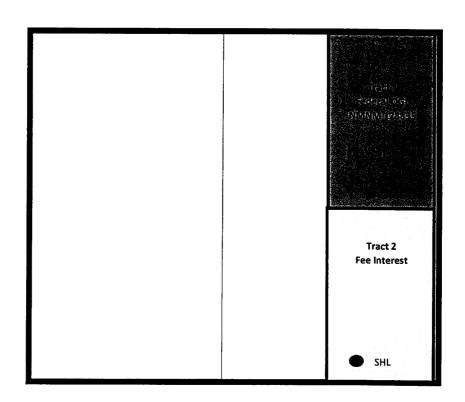
My commission expires: 3/24/2019

KAIMI BROWNLEE Notary Public, State of Texas Comm. Expires 03-26-2019

Section 7, Range 20 South, Township 35 East, Lea Co., New Mexico Lea 7 Federal 30H Well (E/2E/2 – 160.00 acre unit)

Interests to Pool Covering Tract 2

OWNER	TYPE	NET ACRES
The Long Trusts, Larry P. Long, Managing Trustee	Unleased	.3595312
	Minerals	
Lowe Family, Ltd.	Unleased	.0288064
	Minerals	
Teddy L. Hartley & Roberta Thomas Hartley, as Trustees of the Vora Lowe	Unleased	.0188352
Hartley Mineral Trust	Minerals	
M. Dion Lowe	Unleased	.0632512
	Minerals	
Total		0.470424





District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesin, 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

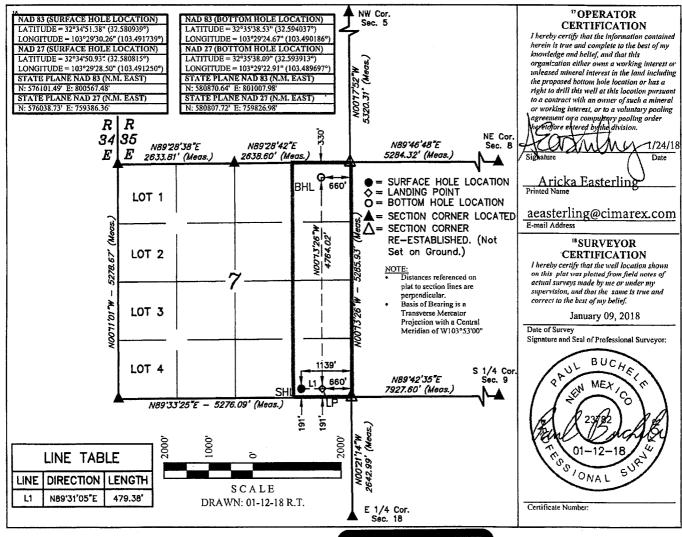
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

■ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

			AA TYTY	LOCAII	ON AND AC.	KENDE DEDIC	ATIONTEAT		
	API Number)-025			² Pool Code		Wildcat	; Bone Sprin	ame B	
4 Property C	Code				⁵ Property N LEA 7 FEDER				6 Well Number 30H
7 OGRID N 215099	₹o.				* Operator N CIMAREX ENI		·		⁹ Elevation 3676.6'
					"Surface	Location			
UL or lot no. P	Section 7	Township 20S	Range 35E	Lot Idn	Feet from the 191	North/South line SOUTH	Feet from the 1139	East/West line EAST	County LEA
			£1	Bottom He	ole Location I	f Different From	Surface		
UL or lot no. A	Section 7	Township 20S	Range 35E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 660	East/West line EAST	County LEA
12 Dedicated Acr 160	es 13 J	oint or Infill	14 Conse	lidation Code	15 Order No.				

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.



EXHIBIT

J-B



June 20, 2018

The Long Trusts 118 S. Kilgore St. Kilgore, Texas 75662

Re:

Proposal to Drill Lea 7 Fed Com 30H

Section 7, Township 20 South, Range 35 East

Lea County, NM

Dear Working Interest Owner,

Cimarex Energy Co. hereby proposes to drill the Lea 7 Fed Com 30H well at a legal location in the E/2 of Section 7, Township 20 South, Range 35 East, Lea County, New Mexico.

The intended surface hole location for the well is 191' FSL and 1,139' FEL of Section 7, Township 20 South, Range 35 East, and the intended bottom hole location is 330' FNL and 660' FEL of Section 7, Township 20 South, Range 35 East. The well is proposed to be drilled vertically to a depth of approximately 11,180' to the Third Bone Spring formation and laterally in a northerly direction within the formation to the referenced bottom hole location. Total measured depth of the well is proposed to be approximately 15,949' feet from surface to terminus.

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 Lea 7 Fed Com 30H. If you intend to participate, please approve and return one (1) original of the enclosed AFE, and 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.

If you elect not to participate, please so indicate on the attached election form and return it to the attention of the undersigned at the letterhead address. Failure to elect whether or not to participate within 30 days of your receipt of this proposal will, as provided in the Operating Agreement, will be considered an election not to participate.

Please call the undersigned with any questions or comments.

Respectfully,

Cody Elliott, Landman



ELECTION TO PARTICIPATE Lea 7 Fed Com 30H

	_ The Long Trusts elects TO participate in the proposed Lea 7 Fed Com 30H
	_ The Long Trusts elects NOT to participate in the proposed Lea 7 Fed Com 30H.
Dated this	_ day of , 2018.
Signature:	<u>. </u>
Title:	
If your election	above is TO participate in the proposed Lea 7 Fed Com 30H well, then:
-	_ The Long Trusts elects TO be covered by well control insurance procured by Cimarex Energy Co.
<u></u>	The Long Trusts 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.



Company Emity

Date Prepared 6/20/2018

Expiciation Region

Well Name

Prospect

Property Number

AFE

Permian Basin

LEA 7 FEDERAL COM 30H

New Mexico Bone Spring Pros (Lea)

301471-365.01

26718057

County, State Lea, NM Location

Estimated Soud 12/30/2018 Estimated Completion 2/28/2019

X New

New Supplement Formation

Sec 7-T20S-R35E

Bone Spring 3 /Sd/

V/eii 1yp∈ DEV

It! Measured Dept 1

Titl Vetical Depth

Purpose

Revision

Drill and complete well

Description

Drill and complete a horizontal test. Drill to 1780 set surface casing. Drill to Drill to 5720' set intermediate casing. Drill to 10703' (KOP).

Drill curve at 12*/100' initial build rate to +/- 90 degrees and11180' TVD and drill a +/- 4280' long lateral in the bone spring formation. Run and cement production liner. Stage frac in stages. Drill out plugs. Run production packer, tubing and GLVs.

Intangible	Dry Hole	After Casing Point	Completed Well Cost
Drilling Costs	\$2,188,000	-	\$2,188,000
Completion Costs		\$3,561,900	\$3,561,900
Total Intangible Cost	\$2,188,000	\$3,561,900	\$5,749,900
Tangible	Dry Hole	After Casing Point	Completed Well Cost
Well Equipment	\$279,000	\$482,000	\$761,000
Lease Equipment		\$485,000	\$485,000
Total Tangible Cost	\$279,000	\$967,000	\$1,246,000
Total Well Cost	\$2,467,000	\$4,528,900	\$6,995,900

Comments On Well Costs

Well Control Insurance

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

I elect to purchase my own well control insurance policy.

Marketing Election

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

I elect to take my gas in kind.

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

Comments on AFE

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

Honoperator Approval
Company Approved By (Brint Name) Approved By (Signature) Date

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

6/20/2018



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



CINIARE Authorization For Expenditure - LEA 7 FEDERAL COM 30H

		idon for Expend							
A L L L L L L L L L L L L L L L L L L L		BCP - Drilling			ACP - Drilling			Comp/Stim	
Sub Ledger Description Roads & Location Preparation /	Codes DIDC.100	,	Arricunt 100,000			Amount	Codes STIM.100		Amount
Damages	DIDC.10		10,000				31M.100		5,000
Mud/Fluids Disposal	DIDC.25		125,000				\$71M.255		20,000
Day Rate	DIDC:11	3 20 days at \$23,000/day	483,000		4 days at \$23,000/day	81,000			20,000
Misc Preparation Cost (mouse hole, ra	DIDC120)	35,000)		•			
Bits	DIDC.125		60,000	DICC.125		0	STIM.125		0
Fud		1,300 gal/day at \$2,25/gal	73,000			0			
Water for Drilling Rig / Completion Flu			3,000			0	STIM.135		14,000
Mud & Additives Surface Rentals	DIDC.145		140,000						
Downhole Rentals	DIDC.150	Per Day (BCP)/day	74,000			0	5TIM.140 STIM.145		98,000
Automation Labor	0.000	1	162,000)			31/AL145		0
Formation Evaluation (DST, Coring	DIDC.160	ı	0	,			STIM.150		0
Mud Logging		17 days at \$1,200/day	25,000				5/-11/50		U
Open Hole Logging	DIDC.180		0						
Cementing & Float Equipment	DIDC.185		160,000	DICC.155		106,000			
Tubular Inspections	DIDC.190	<i>!</i> *	30,000	DICC.160		5,000	STIM.160		2,000
Casing Crews	DIDC_195		10,000	DICC.16S		18,000	STIM.16S	1	0
Mechanical Labor	DIDC200		15,000	DICC.170		3,000	STIML170		ō
Trucking/Transportation	DIDC.205		15,000			10,000	STIM.175		2,000
Supervision	DIDC.210		104,000			14,000	\$TIM.180		29,000
Trailer House / Camp / Catering	DIDC.280		13,000			2,000	STIALZBO		12,500
Other Misc Expenses	DIDC.220		5,000			0	STIM.190		0
Overhead Remedial Cementing	DIDC.225		10,000			5,000		:	
MOS/DEMOS	DIDC.231 DIDC.240		0				STDA.215		0
Directional Drilling Services	DIDC.245		125,000						
Crane for Construction	J-10-143		118,000					1	
Solids Control	DIDC.260		71,000					1	
Well Control Equip (Snubbing services)	DIDC.265			DICC 240		0	\$TIM.240		10.000
Fishing & Sidetrack Services	DIDC_270		02,000			0	STIM.245		40,000 0
Completion Rig			•			•	STIM.115		13,000
Call Tubing Services							STIM.260	1	168,000
Completion Logging, Perforating, WL							STIM.200		176,000
Composite Plugs							ST04.390		41,000
Stimulation Pumping Charges, Chemica	is,						STIM.210		1,552,000
Stimulation Water/Water Transfer/Water	1	•					STIM.395		372,000
Cimarex Owned Frac/Rental Equipment							571M.305		42,000
Legal/Regulatory/Curative	DIDC300		10,000						
Well Control Insurance	DIDC.285	\$0.35/ft	6,000						
FL/GL - Labor									
FL/GL - Supervision									
FL/GL • NDE(X-Ray)								1	
FL/GL - Survey FL/GL - Hydro Test									
FL/GL - Hydro Vac									
FL/GL - Trucking									
SWO Lines - Intangible									
Gas Sales Lines - Intangible									
Contingency	DIDCA35	500 % of Drilling Intangibles	104 000	DICC 220		12 000	STIM.220		129.000
Contingency			101,000			12,000	3444620		129,000
Construction for Flow Lines									
Construction For Sales P/L		:							
P&A Costs	DIDC.295		0	DICC.275		0			
Total Intangible			2,188,000			256,000			2,715,500
Drive Pipe	DWEEL150					230,000			
Conductor Pipe			0			230,000			
	OWEB.130	:	0			250,000			
Water String	DWEB.135	:	0			23000			
Surface Casing	DWEB.135 DWEB.140	13 3/8" - 1,780ft at \$33.00/ft	0 0 59,000			23000			
Surface Casing Intermediate Casing 1	DWEB.135 DWEB.140 DWEB.145	13 3/8" - 1,780ft at \$33.00/ft 9 5/8" - 5,720ft at \$35.00/ft	0 0 59,000 200,000			23000			
Surface Casing Intermediate Casing 1 Intermediate Casing 2	DWEB.135 DWEB.140		0 0 59,000 200,000 0			23000			
Surface Casing Intermediate Casing 1	DWEB.135 DWEB.140 DWEB.145 DWEB.155		0 0 59,000 200,000	DWEA.100	5 1/2" - 15 exeft at \$1800#				
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner	DWEB.135 DWEB.140 DWEB.145 DWEB.155		0 0 59,000 200,000 0	DWEA.100 DWEA.165	5 1/2" - 15,949(1 at \$18.00//t	287,000	STMT.101		٨
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner	DWEB.135 DWEB.140 DWEB.145 DWEB.155		0 0 59,000 200,000 0		5 1/2" - 15,949ft at \$18.00/ft	287,000			0 65.000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing on Liner Production Tie-Back Tubing Wellhead, Tree, Chokes	DWEB.135 DWEB.145 DWEB.155 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	0 0 59,000 200,000 0 0	DWEA 165	5 1/2" - 15,949(1 at \$18.00/ft	287,000 0		2 7/8" - 10,800th at \$6.00/ft	65,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Diffing Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Packer	DWER.135 DWER.140 DWER.145 DWER.155 DWER.160	9 5/8" - 5,720(1 at \$35.00/1)	0 0 59,000 200,000 0 0	DWEA 165	5 1/2" - 15,949(1 at \$18.00//t	287,000 0	STDAT.10S	2 7/6" - 10,800ft at \$6.00/ft	
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Duffing Liner Production Casing or Liner Production Tie-Back Tubing Weilhead, Tree, Chokes Uner Hanger, Isolation Pocker Packer, Nipples	DWEB.135 DWEB.145 DWEB.155 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	0 0 59,000 200,000 0 0	DWEA 165	5 1/2" - 15,949(t at \$18.00/t	287,000 0 20,000	STIMT.10S STIMT.120	2 7/6" - 10,800ft at \$6,00/ft	65,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Uner Production Tie-Back Tubing Wellhead, Tree, Chokes Uner Hanger, isolation Pocker Packer, Nipples Pumping Unit, Engine	DWEB.135 DWEB.145 DWEB.155 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	0 0 59,000 200,000 0 0	DWEA 165	5 1/2" - 15,949(1 at \$18.00/k	287,000 0 20,000	STIMT,105 STIMT,120 STIMT,400 STIMT,405	2 7/8" - 10,800th at \$6,00/ft	65,000 25,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Te-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipmens (8HP, Rods,	DWEB.135 DWEB.145 DWEB.155 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	0 0 59,000 200,000 0 0	DWEA 165	5 1/2" - 15,949(1 at \$18.00/k	287,000 0 20,000	STIMT.10S STIMT.120 STIMT.400	2 7/8" - 10,800ft at \$6.00/ft	65,000 25,000 15,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Dolling Liner Production Casing or Liner Production Tie-Back Tubing Weithead, Tree, Chokes Uner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Surface Equipment	DWEB.135 OWEB.145 DWEB.155 DWEB.160 DWEB.115 DWEB.100	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,949(1 at \$18,00/ft	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405	: : 2 7/6" - 10,800ft at \$6.00/ft	65,000 25,000 15,000 0
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Dolling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Pocker Packer, Nipples Pumping Unit, Engine Doumhole Lift Equipment (BHP, Rods, Surface Equipment Total Isogable - Well Equipment	DWEB.135 OWEB.145 DWEB.155 DWEB.160 DWEB.115 DWEB.100	9 5/8" - 5,720(1 at \$35.00/1)	0 0 59,000 200,000 0 0	DWEA 165	5 1/2" - 15,949(1 at \$18.00/lt	287,000 0 20,000	STIMT,105 STIMT,120 STIMT,400 STIMT,405	: : 2 7/6" - 10,800ft at \$6.00/ft	65,000 25,000 15,000 0
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Didling Liner Production Casing or Liner Production Tel-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Pocker Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Surface Equipment Total Tangable - Well Equipment I	DWEB.135 OWEB.145 DWEB.155 DWEB.160 DWEB.115 DWEB.100	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,949(1 at \$18.00/ft	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405	2 7/8" - 10,800ft at \$6,00/ft	65,000 25,000 15,000 0 70,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Te-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Surface Equipment Total Tangble - Well Equipment I N/C Lesse Equipment Tanks, Tanks Steps, Stairs	DWEB.135 OWEB.145 DWEB.155 DWEB.160 DWEB.115 DWEB.100	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,949(1 at \$18.00/ft	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405	2 7/8" - 10,600ft at \$6.00/ft	65,000 25,000 15,000 0 70,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Didling Liner Production Casing or Liner Production Tel-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Pocker Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Surface Equipment Total Tangable - Well Equipment I	DWEB.135 OWEB.145 DWEB.155 DWEB.160 DWEB.115 DWEB.100	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,949(1 at \$18.00/(t	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405	: : : 2 7/8" - 10,800ti at \$6.00/ft	65,000 25,000 15,000 0 70,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Dolling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Surface Equipment Total Tangble - Well Equipment Inst., Tanks Steps, Stairs Battery (Heater Treater, Separator, Gas	DWEB.135 DWEB.140 DWEB.145 DWEB.155 DWEB.150 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,949ft at \$18.00/ft	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405		65,000 25,000 15,000 0 70,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Pocker Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Surface Equipment Total Tanglable - Well Equipment Tants, Tands Steps, Stairs Battery (Heater Testers, Separator, Gas Secondary Containments	DWEB.135 DWEB.140 DWEB.145 DWEB.155 DWEB.150 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,949(t at \$18.00/t	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405	2 7/6" - 10,800ft at \$6.00/ft	65,000 25,000 15,000 0 70,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Diffing Liner Production Casing or Liner Production Te-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Procker Packer, Nipples Doumhole Lift Equipment (8HP, Rods, Surface Equipment Total Sangible - Well Equipment Inkl., Tanks, Tanks Steps, Stairs Battery (Meater Treater, Separator, Gas Secondary Containments Overhead Power Ostribution (electric lin.)	DWEB.135 DWEB.140 DWEB.145 DWEB.155 DWEB.150 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,949(1 at \$18.00/ft	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405	2 7/6" - 10,600ft at \$6,00/ft	65,000 25,000 15,000 0 70,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Te-Back Tubing Wellhead, Tree, Chokes Uner Hanger, ssolation Pocker Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Surface Equipment Total Tangble - Well Equipment II N/C Lease Equipment Tanks, Tanks Steps, Stairs Battery (Heater Treater, Separator, Gas Secondary Containments Overhead Power Distribution (electric lin- Facility Electrical	DWEB.135 DWEB.140 DWEB.145 DWEB.155 DWEB.150 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,949(1 at \$18.00/ft	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405	: : 2 7/8" - 10,800ti at \$6.00/ft	65,000 25,000 15,000 0 70,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Pucker Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Surface Equipment Total Tanghile - Well Equipment I N/C Lease Equipment Tanks, Tanks Steps, Stairs Battery (Meater Treater, Separator, Gas Secondary Containments Overhead Power Olstribution (electric lin Facility Electrical SWD Connection	DWEB.135 DWEB.140 DWEB.145 DWEB.155 DWEB.150 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,949(1 at \$18.00/k	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405		65,000 25,000 15,000 0 70,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Te-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Packer Packer, Nipples Pumping Unit, Engine Downhole Lift Equipmens (8HP, Rods, Surface Equipment Total Tangble - Well Equipment It N/C Lesse Equipment Tanks, Tanks Steps, Stairs Battery (Meater Treater, Separator, Gas Secondary Containments Overhead Power Distribution (electric lin- Facility Electrical SVMD Connection How Lines (Line Pipe From Wellhead To Pipeline to Sales Meters and Metering Equipment	DWEB.135 DWEB.140 DWEB.145 DWEB.155 DWEB.150 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,949(t at \$18.00/t	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405	2 7/8" - 10,800ft at \$6,00/ft	65,000 25,000 15,000 0 70,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Casing or Liner Production Tie-Back Tubing Weithead, Tree, Chokes Uner Hanger, Isolation Pocker Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Surface Equipment Total Tanghle - Weil Equipment Total Tanghle - Weil Equipment Tanks, Tanks Steps, Stairs Battery (Pleater Treater, Separator, Gas Secondary Containments Overhead Power Ostribution (electric fin Facility Electrical SWD Connection Flow Lines (Line Pipe From Weilhead To Pipeline to Sales Meters and Metering Equipment Facility Line Pipe	DWEB.135 DWEB.140 DWEB.145 DWEB.155 DWEB.150 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,949(1 at \$18.00/it	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405	2 7/6" - 10,800ft at \$6.00/ft	65,000 25,000 15,000 0 70,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Dolling Liner Production Casing or Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Uner Hanger, isolation Pocker Packer, Nipples Pumping Unit, Engine Doumhole Lift Equipment (RHP, Rods, Surface Equipment Total Tangible - Well Equipment Total Tangible - Well Equipment Tanks, Tanks Steps, Stairs Eattery (Heater Treater, Separator, Gas Secondary Containments Overhead Power Olstribution (electric fin Facility Electrical SVMD Comection How Lines (Line Pipe From Wellhead To Pipeline to Sales Meters and Metering Equipment Facility Line Pipe Automation Materials	DWEB.135 DWEB.140 DWEB.145 DWEB.155 DWEB.150 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,949(1 at \$18.00/it	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405	2 7/8" - 10,800ft at \$6.00/ft	65,000 25,000 15,000 0 70,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Tel-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Pocker Packer, Nipples Pumping Unit, Engine Doumhole Lift Equipment (84IP, Rods, Surface Equipment Total Sanghle - Well Equipment Total Sanghle - Well Equipment Totals, Tanks Steps, Stairs Battery (Meater Tester, Separator, Gassecondary Containments Overhead Power Ostribustion (electric lin Facility Electrical SWD Connection Flow Lines (Line Pipe From Wellhead To Pipeline to Sales Meters and Metering Equipment Facility Line Pipe Automation Materials FL/GL - Valves/Fittings	DWEB.135 DWEB.140 DWEB.145 DWEB.155 DWEB.150 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,949(1 at \$18.00/ft	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405	2 7/8" - 10,800ft at \$6.00/ft	65,000 25,000 15,000 0 70,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Casing or Liner Production Te-Back Tubing Wellhead, Tree, Chokes Uner Hanger, ssolation Pocker Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Surface Equipment Total Tangble - Well Equipment I N/C Lease Equipment Tanks, Tanks Steps, Stairs Battery (Meater Treater, Separator, Gas Secondary Containments Overhead Power Olstribution (electric lin- Facility Electrical SVMD Connection How Lines (Line Pipe From Wellhead To Pipeline to Sales Meters and Metering Equipment Facility Line Pipe Automation Materials FL/GC - Valves/Fittings FL/GL - Valves/Fittings	DWEB.135 DWEB.140 DWEB.145 DWEB.155 DWEB.150 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,849(t at \$18.00/t	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405	2 7/8" - 10,800ft at \$6.00/ft	65,000 25,000 15,000 0 70,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Procker Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Surface Equipment Total Tanghile - Well Equipment I Total, Tanda Steps, Stairs Battery Pleater Treater, Separator, Gas Secondary Containments Overhead Power Olstribution (electric lin-Facility Liectrical SWD Connection How Lines (Line Pipe From Wellhead To Pipeline to Sales Meters and Metering Equipment Facility Line Pipe Automation Materials FL/GL - Pipe SWD Lines - Tangible	DWEB.135 DWEB.140 DWEB.145 DWEB.155 DWEB.150 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,949(t at \$18.00/t	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405	2 7/8" - 10,800ft at \$6.00/ft	65,000 25,000 15,000 0 70,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Dolling Liner Production Casing or Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Proker Pracker, Nipples Pumping Unit, Engine Downhole Lift Equipment (8HP, Rods, Surface Equipment Total Tanghia - Well Equipment Packet Treater, Separator, Gas Secondary Containments Overhead Power Distribution (electric fin Facility Electrical SWID Connection Flow Lines (Line Pipe From Wellhead To Pipeline to Sales Meters and Metering Equipment Facility Line Pipe Automation Materials FL/GL - Valvest/Fittings FL/GL - Pipe SWD Lines - Tangible Gas Sales Lines - Tangible	DWEB.135 DWEB.140 DWEB.145 DWEB.155 DWEB.150 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,949(1 at \$18.00/ft	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405	2 7/8" - 10,600ft at \$6,00/ft	65,000 25,000 15,000 0 70,000
Surface Casing Intermediate Casing 1 Intermediate Casing 2 Drilling Liner Production Casing or Liner Production Casing or Liner Production Tie-Back Tubing Wellhead, Tree, Chokes Uner Hanger, Isolation Procker Packer, Nipples Pumping Unit, Engine Downhole Lift Equipment (BHP, Rods, Surface Equipment Total Tanghile - Well Equipment I Total, Tanda Steps, Stairs Battery Pleater Treater, Separator, Gas Secondary Containments Overhead Power Olstribution (electric lin-Facility Liectrical SWD Connection How Lines (Line Pipe From Wellhead To Pipeline to Sales Meters and Metering Equipment Facility Line Pipe Automation Materials FL/GL - Pipe SWD Lines - Tangible	DWEB.135 DWEB.140 DWEB.145 DWEB.155 DWEB.150 DWEB.160	9 5/8" - 5,720(1 at \$35.00/1)	20,000 200,000 0	DWEA 165	5 1/2" - 15,949(1 at \$18.00/it	287,000 0 20,000 0	STIMT,105 STIMT,120 STIMT,400 STIMT,405	2 7/8" - 10,800ft at \$6.00/ft	65,000 25,000 15,000 0 70,000



CIMAREX Authorization For Expenditure - LEA 7 FEDERAL COM 30H

Sub Ledger Description Roads & Location Preparation / Restoration	Codes CON.100	Ania. 3,0		Road Repairs	Amous 8,00	
Domages Mud/Fluids Disposel	CON.105	20,5	00	•	4,00	O 116,00 30,50
Mud/Pluids Disposel Day Rate			PCOM2S	Water Disposal (\$0.75/bbb	45,00	
Misc Preparation Cost (mouse hale, rat hale,						564,000
Bits			PCOM.125	i		35,000 0 60,000
Fuel Water for Orifling Die 4 Completion St. ide Stee			PCOM.130			0 73,000
Water for Drilling Rig / Completion Fluids (Not Mud & Additives			PCOM.135			0 17,000
Surface Rentals	CON 140	0.70	0 PCOM.140	Cond Control of STALL - A Long Market		140,000
Downhole Rentals		5,73	PCOM.145	Sand Separator (\$450/day), tron (\$300/day),	32,70	
Automation Labor	CON.150	33.29	0 PCOM.150			0 162,000 0 33,250
Formation Evaluation (OST, Coring including					`	, 33,23C
Mud Logging Open Hale Logging						25,000
Cementing & Float Equipment						C
Tubular Inspections			PCOM.160			286,000
Casing Crevis			140		C	37,000 28,000
Mechanical Labor	CON.170	80,08	0 PCQM.170	Flowback Hand	5,700	
Trucking/Transportation	CON.175	9,50		Frack Tank and Sand Separator Delivery	2,000	
Supervision Trailer House / Camp / Catering	CON.180	18,75	0 PCOML180		0	165,750
Other Miss Expenses	CON.190	6.00	0 PCOM.190		_	27,500
Overhead		6,00) FCOM.130		0	
Remedial Comenting			PCOM215		0	15,000
MOB/DEMOB					•	125,000
Directional Drilling Services Crane for Construction	CON 710					118,000
Crane for Construction Solids Control	CON.230					0
Well Control Equip (Snubbling services)			PCOM 240		-	71,000
Fishing & Sidetrack Services			PCOM245		0	
Completion Rig			PCOM.115		0	_
Coll Tubing Services			PCQM260		0	
Completion Logging, Perforating, WL Units, WL Composite Plugs			PCOM200		0	., .,
Stimulation Pumping Charges, Chemicals,			PCOM.210		0	
Stimutation Water/Water Transfer/Water Storage	1		700-210		0	1,552,000 372,000
Cimarex Owned Frac/Rental Equipment			PCOM.305		0	
Lega/Regulatory/Curative	CON.300)			10,000
Well Control Insurance FL/GL - Labor	CON:500					6,000
FL/GL - Supervision	CON.505	91,250 38,750				91,250
FL/GL - NDE(X-Ray)	CON.S10	30,73 1,750				38,750
FL/GL - Survey	CON.515	3,00				1,750 3,000
FL/GL - Hydro Test	CON 520	3,750				3,750
FL/GL - Hydro Vac	CON.S2S	2.500				2,500
FL/GL - Tructing SWD Lines - Intangible	CON.530 CON.600	1,50				1,500
Gas Sales Lines - Intangible	CON1700					0
Contingency	CON.220	60,256		10%	93.000	0 398,250
Contingency	CON.221	20,500			33.000	20,500
Construction for Flow Lines Construction For Seles P/L	CON.310					0
PSIA Costs	CONL26S					0
Total Intangible Cod		404,000			105 100	0
Drive Pipe		404,000			185,400	5.749,900
Conductor Pipe						0
Water String						ō
Surface Casing Intermediate Casing 1						59,000
Intermediate Caring 2						200,000
Drilling Liner						0
Production Casing or Liner						0 287,000
Production Tie-Back						0
Tubing Wellhead, Tree, Chokes			PCOMT.105		0	65,000
Liner Hanger, Isolation Packer			PCOMT.120		0	65,000
Packer, Nipples			PCOMT.400		0	15,000
Pumping Unit, Engine			PCOMT.405		0	15,000 0
Downhole Lift Equipment (BHP, Rods, Anchors,			PCOMTA10		ō	70,000
Surface Equipment Total Tangible - Well Equipment Cos			PCOMT/120		0	0
N/C Lease Equipment	CONTA00	JP AAA			0	761,000
Tanks, Tanks Steps, Stairs	CONT.405	45,000 47,500				45,000
Battery (Heater Treater, Separator, Gas Treating	CONT.410	154,000				47,500 154,000
Secondary Containments	CONT.415	13,750				13,750
Overhead Power Distribution (electric line to	CONTA20	104,250				104,250
Facility Electrical SWO Connection	CONT.425 CONT.430	13,000				13,000
Flow Lines (Line Pipe Trom Wellhead To Central	CONTASS CONTASS					0
Pipeline to Sales	CONT.440					0
Meters and Metering Equipment	CONT.445	14,500				0 14,500
Facility Line Pipe	CONT.450	11,000				11,000
Automation Materials	CONT.455	40,250	PCONTASS		0	40,250
FL/GL + Valves/Fittings FL/GL - Pipe	CONT.550 CONT.555	11,250				11,250
SWD Lines - Tangible	CONT.650	30,500 0				30,500
Gas Sales Lines - Tangible	CONT.750	0				0
Total Tangibia - Leaso Equipment Cor		485,000			0	485,000
Total Estimated Cost		889,000			186,400	6,995,900

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. 16379

	<u>AFFIDAVIT</u>
STATE OF <i>IWW</i>)
\$ 11.0) ss.
COUNTY Opudlard)

Staci Mueller, being duly sworn, deposes and states:

- 1. I am over the age of 18, and have person knowledge of the matters stated herein.
- I received a Bachelor of Science degree and a Master of Science degree in geophysics from the Colorado School of Mines, in Golden Colorado. I received my Masters in 2016.
- 3. I have worked for Cimarex Energy Co. ("Cimarex") as a petroleum geologist for over 1.5 years. Before that, I worked at Liberty Resources in Denver, Colorado for 6 months.
- 4. My work for Cimarex involves Lea County, and I am familiar with the geological matters involved in this case, including the Bone Spring formation.
 - 5. The following geological exhibits are attached hereto:
 - a. Exhibit A is a structure map on the base of the 3rd Bone Spring Sand. It shows that the structure dips down to the southeast. It also shows the 3rd Bone Spring Sand wells in the vicinity of the proposed Lea 7 Fed Com 30H well.



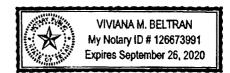
- which is identified by the purple line and call out box, and a line of crosssection, running from A to A'.
- b. Exhibit B is a Net Pay Map of the 3rd Bone Spring Sand. The 3rd Bone Spring Sand is uniform across the proposed well unit.
- c. Exhibit C is a 3rd Bone Spring Sand cross section. It is a stratigraphic cross-section hung on the base of the 3rd Bone Spring Sand. The well logs on the cross-section give a representative sample of the 3rd Bone Spring Sand formation in the area. The target zone for the well is the basal 3rd Bone Spring Sand, and that zone is continuous across the well unit.
- 6. I conclude from the maps that:
 - a. The horizontal spacing and proration unit is justified from a geologic standpoint.
 - b. There are no structural impediments or faulting that will interfere with horizontal development.
 - 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. This is because of the maximum horizontal stress direction.

Staci Mueller

SUBSCRIBED AND SWORN to before me this 5th day of September, 2018 by Staci Mueller, on behalf of Cimarex Energy Co.

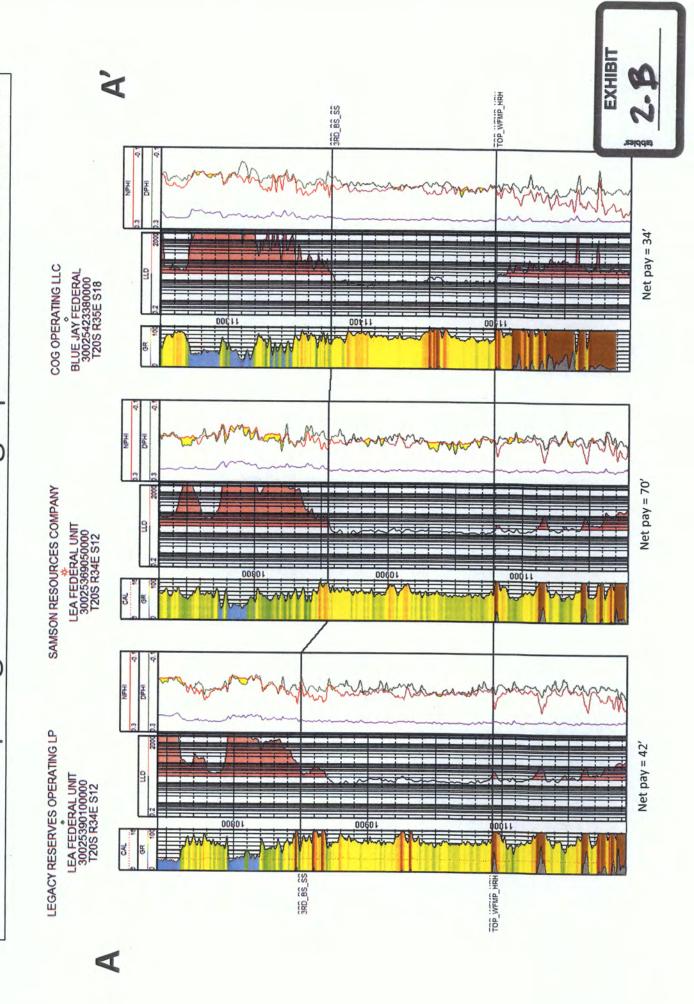
Notary Public

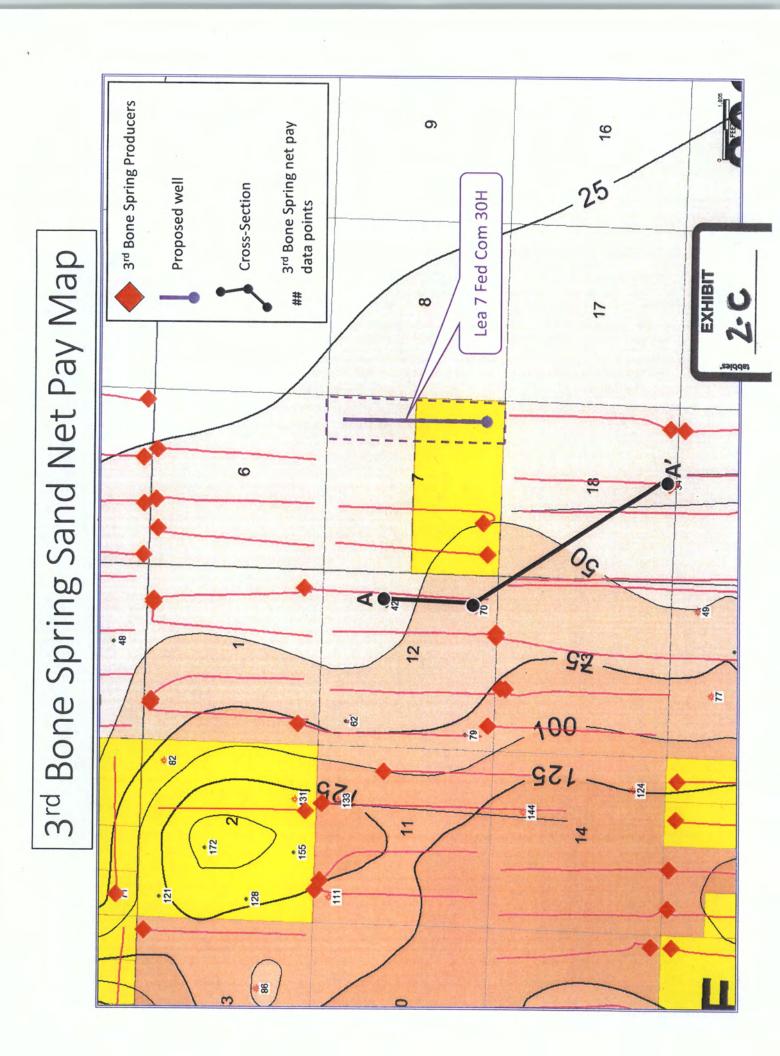
My commission expires: 07/34/3020



3rd Bone Spring Producers Base of 3rd Bone Spring Sand Structure Map (SSTVD) 0 16 3rd Bone Spring net pay Proposed well Cross-Section Lea 7 Fed Com 30H data points -7,778.06 **EXHIBIT** # -7,4,2.09 9 -7,3,5,98 0022--7,424.87 12 2 7 0051.

Bone Spring Sand Stratigraphic Cross-Section 3.0





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. 16379

AFFIDAVIT

) ss.
COUNTY OF BERNALILLO)
Deana M. Rennett attorne	y in fact and authorized representative of Cimor

Deana M. Bennett, attorney in fact and authorized representative of Cimarex Energy Co., the Applicant herein, being first duly sworn, upon oath, states that the above-referenced Application was provided under the notice letter and that proof of receipt is attached hereto.

Deana M. Bennett

SUBSCRIBED AND SWORN to before me this 5th day of September, 2018 by Deana

M. Bennett.

OFFICIAL SEAL
Karlene Schuman

NOTARY PUBLIC

My commission expires:

STATE OF NEW MEXICO

Notary Public



CIMMUX-Lea Fel

Firm Mailing Book ID: 149028

PS Form 3877

Article Number	Name, Street & P.O. Address		Postage	Fee	Fee R.R.Fee Reference	Reference		Rest.Del.Fee Contents
9314 8699 0430 0049 5876 89 Lowe Family, Ltd P.O. Box 53775 Lubbock TX 7945	Lowe Family, Ltd P.O. Box 53775 Lubbock TX 79453		\$0.68	\$3.45	\$1.50	\$1.50 82762-0168		\$0.00 Notice
9314 8699 0430 0049 5876 96	9314 8699 0430 0049 5876 96 Vora Lowe Harley Mineral Trust P.O. Box 1024 Clovis NM 88102		\$0.68	\$3.45	\$1.50	82762-0168		\$0.00 Notice
9314 8699 0430 0049 5877 02 The Long Trusts 118 S. Kilgore St.	The Lors Trusts 118 S. Kilgore St.		89.08	\$3.45	\$1.50	82762-0168		\$0.00 Notice
9314 8699 0430 0049 5877 19			\$0.68	\$3.45	\$1.50	82762-0168		\$0.00 Notice
	COOKY INSOLU	Totals:	\$2.72	\$13.80	86.00	E	Grand Total:	\$0.00

Dated:

Postmaster: Name of receiving employee

Total Number of Pieces Received at Post Office

List Number of Pieces Listed by Sender

EXHIBIT A

Zina Crum Modrall Sperling 500 4th Street NW Suite 1000 Albuquerque NM 87102

Type of Mailing: CERTIFIED 08/15/2018

	F	Transaction Report Details - CertifiedPro.net Firm Mail Book ID= 149028 Generated: 9/5/2018 9:56:23 AM	ails - Certifi 1D= 14902 018 9:56:23	edPro.net 8 AM						
Certified Mail Article Number	Date Created Name 1	Address	City	State	Zin	Postage	Postage Fees	Certified Mailing Status	Service Options	Certified Mailing Status Service Options Mail Delivery Date
									Return Receipt -	
9314869904300049587719	2018-08-15 1:06 PM M. Dion Lowe	7801 Espanola Trail	Austin	¥	78737	89.0	4.95	Delivered	Electronic	08-20-2018
									Return Receipt -	
9314869904300049587702	2018-08-15 1:06 PM The Long Trusts	118 S. Kilgore St.	Kilgore	X	75662	89.0	4.95	Delivered	Electronic	08-20-2018
	Vora Lowe Hartley								Return Receipt -	
9314869904300049587696	2018-08-15 1:06 PM Mineral Trust	P.O. Box 1024	Clovis	MN	88102	89.0	4.95	Delivered	Electronic	08-21-2018
									Return Receipt -	
9314869904300049587689	2018-08-15 1:06 PM Lowe Family, Ltd	P.O. Box 53775	Lubbock	X	79453	89.0	4.95	Mailed	Electronic	

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 August 24, 2018 and ending with the issue dated August 24, 2018.

Publisher

Sworn and subscribed to before me this 24th day of August 2018.

Business Manager

My commission expires

January 29, 2019

(Seal)

OFFICIAL SEAL
GUSSIE BLACK
Notary Public
State of New Mexico

My Commission Expires 1-29-

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 August 24, 2018

CASE NO. 16379: Notice to all affected parties, as well as the heirs and devisees of M. Dion Lowe, The Long Trusts, Lowe Family Ltd., Vora Lowe Hartley Mineral Trust of the application of Cimarex Energy Co. for compulsory pooling, Lea County, New Mexico, through its Oil Conservation Division, hereby gives notice that the Division will conduct a public hearing at 8:15 a.m. on September 6, 2018. to consider this application. Applicant seeks an order from the Division, pooling all mineral interests in the Bone Spring formation underlying a horizontal spacing unit within the E/2 E/2 of Section 7. Township 20 South, Range 35 East, N.M.P.M. Lea County, New Mexico. This spacing unit will be the unit for the Lea Federal Com 30H 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 11.6 miles southeast of the intersection of Hobbs Highway 180 and County Road 27-A/Marathon Road.

01104570

00216950

DOLORES SERNA MODRALL, SPERLING, ROEHL, HARRIS & P. O. BOX 2168 ALBUQUERQUE, NM 87103-2168

