

CIMAREX ENERGY CO.'S EXHIBIT LIST

**APPLICATIONS OF CIMAREX ENERGY CO. FOR
COMPULSORY POOLING, EDDY COUNTY, NEW
MEXICO.**

Case Nos. 22519 and 22520

**APPLICATIONS OF CHEVRON U.S.A. INC. FOR
COMPULSORY POOLING, EDDY COUNTY, NEW
MEXICO.**

Case Nos. 22343 and 22344

EXHIBITS OF CIMAREX ENERGY CO.

(PART I)

- A-1. Application and Proposed Notice (Case No. 22519)
- A-2. Application and Proposed Notice (Case No. 22520)
- B. Landman's Affidavit
- C. Geologist's Affidavit
- D. Engineers's Affidavit
- E-1. Affidavit of Publication (Case No, 22519)
- E-2. Affidavit of Publication (Case No, 22520)
- F-1: Certified Affidavit (Case No, 22519)
- F-2: Certified Affidavit (Case No, 22520)
- G-1. Pooling Checklist (Case No, 22519)
- G-2. Pooling Checklist (Case No, 22520)

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

Case No. 22519

APPLICATION

Cimarex Energy Co. applies for an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the W/2 of Section 8, the W/2 of Section 17, and the W/2 of Section 20, Township 25 South, Range 27 East, N.M.P.M., Eddy County, New Mexico, and in support thereof, states:

1. Applicant is an interest owner in the W/2 of Section 8, the NW/4 of Section 17, and the W/2 of Section 20, and has the right to drill a well or wells on the proposed well unit.

2. Applicant proposes to drill the following wells to depths sufficient to test the Wolfcamp formation:

(a) The White City 8-17-20 Fed. Com. Well No. 4H, with a first take point in the NE/4NW/4 of Section 8 and a last take point in the SE/4SW/4 of Section 20;

(b) The White City 8-17-20 Fed. Com. Well No. 5H, with a first take point in the NE/4NW/4 of Section 8 and a last take point in the SE/4SW/4 of Section 20;

(c) The White City 8-17-20 Fed. Com. Well No. 6H, with a first take point in the NW/4NW/4 of Section 8 and a last take point in the SW/4SW/4 of Section 20; and

(d) The White City 8-17-20 Fed. Com. Well No. 7H, with a first take point in the NW/4NW/4 of Section 8 and a last take point in the SW/4SW/4 of Section 20.

The W/2 of Section 8, the W/2 of Section 17, and the W/2 of Section 20 will be dedicated to the well.

EXHIBIT A-1

3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the W/2 of Section 8, the W/2 of Section 17, and the W/2 of Section 20 for the purposes set forth herein.

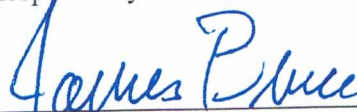
4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the well or to otherwise commit their interests to the well, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying the W/2 of Section 8, the W/2 of Section 17, and the W/2 of Section 20, pursuant to NMSA 1978 §70-2-17.

5. The pooling of all uncommitted mineral interest owners in the Wolfcamp formation underlying the W/2 of Section 8, the W/2 of Section 17, and the W/2 of Section 20 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

WHEREFORE, applicant requests that, after notice and hearing, the Division enter its order:

- A. Pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying the W/2 of Section 8, the W/2 of Section 17, and the W/2 of Section 20;
- B. Designating applicant as operator of the wells;
- C. Considering the cost of drilling, completing, and equipping the wells, and allocating the cost among the wells' working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a 200% charge for the risk involved in drilling, completing, and equipping the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,



James Bruce
Post Office Box 1056
Santa Fe, New Mexico 87504
(505) 982-2043

Attorney for Cimarex Energy Co.

Application of Cimarex Energy Co. for compulsory pooling, Eddy County, New Mexico.
Cimarex Energy Co. seeks an order pooling all uncommitted mineral interests in the Wolfcamp formation underlying a horizontal spacing unit comprised of the W/2 of Section 8, the W/2 of Section 17, and the W/2 of Section 20, Township 25 South, Range 27 East, NMPM. The unit will be dedicated to the White City 8-17-20 Fed. Com. Well Nos. 4H, 5H, 6H, and 7H with first take points in the N/2NW/4 of Section 8 and last take points in the S/2SW/4 of Section 20. Also to be considered will be the cost of drilling, completing, and equipping the well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a 200% charge for the risk involved in drilling, completing, and equipping the well. The unit is located approximately 7-1/2 miles south-southeast of Black River Village, New Mexico.

BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION

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

Case No. 22520

APPLICATION

Cimarex Energy Co. applies for an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the E/2 of Section 8, the E/2 of Section 17, and the E/2 of Section 20, Township 25 South, Range 27 East, N.M.P.M., Eddy County, New Mexico, and in support thereof, states:

1. Applicant is an interest owner in the E/2 of Section 8, the NE/42 of Section 17, and the E/2 of Section 20, and has the right to drill a well or wells on the proposed well unit.
2. Applicant proposes to drill the following wells to depths sufficient to test the Wolfcamp formation:
 - (a) The White City 8-17-20 Fed. Com. Well No. 17H, with a first take point in the NW/4NE/4 of Section 8 and a last take point in the SW/4SE/4 of Section 20;
 - (b) The White City 8-17-20 Fed. Com. Well No. 18H, with a first take point in the NE/4NE/4 of Section 8 and a last take point in the SE/4SE/4 of Section 20;
 - (c) The White City 8-17-20 Fed. Com. Well No. 20H, with a first take point in the NE/4NE/4 of Section 8 and a last take point in the SE/4SE/4 of Section 20;
 - (d) The White City 8-17-20 Fed. Com. Well No. 21H, with a first take point in the NW/4NE/4 of Section 8 and a last take point in the SW/4SE/4 of Section 20; and
 - (e) The White City 8-17-20 Fed. Com. Well No. 22H, with a first take point in the NW/4NE/4 of Section 8 and a last take point in the SW/4SE/4 of Section 20.

EXHIBIT A.2

The E/2 of Section 8, the E/2 of Section 17, and the E/2 of Section 20 will be dedicated to the well.

3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the E/2 of Section 8, the E/2 of Section 17, and the E/2 of Section 20 for the purposes set forth herein.

4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the well or to otherwise commit their interests to the well, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying the E/2 of Section 8, the E/2 of Section 17, and the E/2 of Section 20, pursuant to NMSA 1978 §70-2-17.

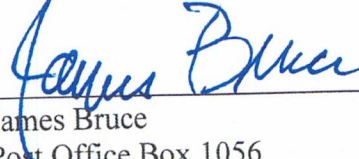
5. The pooling of all uncommitted mineral interest owners in the Wolfcamp formation underlying the E/2 of Section 8, the E/2 of Section 17, and the E/2 of Section 20 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

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- A. Pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying the E/2 of Section 8, the E/2 of Section 17, and the E/2 of Section 20;
- B. Designating applicant as operator of the wells;
- C. Considering the cost of drilling, completing, and equipping the wells, and allocating the cost among the wells' working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and

E. Setting a 200% charge for the risk involved in drilling, completing, and equipping the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,



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Santa Fe, New Mexico 87504
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Attorney for Cimarex Energy Co.

Application of Cimarex Energy Co. for compulsory pooling, Eddy County, New Mexico.
Cimarex Energy Co. seeks an order pooling all uncommitted mineral interests in the Wolfcamp formation underlying a horizontal spacing unit comprised of the E/2 of Section 8, the E/2 of Section 17, and the E/2 of Section 20, Township 25 South, Range 27 East, NMPM. The unit will be dedicated to the White City 8-17-20 Fed. Com. Well Nos. 17H, 18H, 20H, 21H, and 22H with first take points in the N/2NE/4 of Section 8 and last take points in the S/2SE/4 of Section 20. Also to be considered will be the cost of drilling, completing, and equipping the well and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a 200% charge for the risk involved in drilling, completing, and equipping the well. The unit is located approximately 8 miles south-southeast of Black River Village, New Mexico.

SELF-AFFIRMED TESTIMONY OF RILEY MORRIS

1. Please state your name and city of residence.

My name is Riley Morris. I reside in Midland, Texas.

2. Who do you work for, and in what capacity?

I am a landman for Cimarex Energy Co.

3. Have you previously testified before the Division?

Yes.

4. Were your credentials as an expert accepted by the Division?

Yes.

5. Does your area of responsibility at Cimarex include this area of Southeast New Mexico?

6. Are you familiar with the land matters involved in this application?

7. Please identify page 1 of Exhibit A, and describe what Cimarex seeks in these cases.

In Case No. 22519 Cimarex Energy Co. seeks an order pooling all uncommitted mineral interests in the Wolfcamp formation underlying a horizontal spacing unit comprised of the W/2 of Section 8, the W/2 of Section 17, and the W/2 of Section 20, Township 25 South, Range 27 East, NMPM. The unit will be dedicated to the White City 8-17-20 Fed. Com. Well Nos. 4H, 5H, 6H, and 7H with first take points in the N/2NW/4 of Section 8 and last take points in the S/2SW/4 of Section 20.

In Case No. 22520 Cimarex Energy Co. seeks an order pooling all uncommitted mineral interests in the Wolfcamp formation underlying a horizontal spacing unit comprised of the E/2 of Section 8, the E/2 of Section 17, and the E/2 of Section 20, Township 25 South, Range 27 East, NMPM. The unit will be dedicated to the White City

EXHIBIT

B

8-17-20 Fed. Com. Well Nos. 17H, 18H, 20H, 21H, and 22H with first take points in the N/2NE/4 of Section 8 and last take points in the S/2SE/4 of Section 20.

The wells are all in the Purple Sage-Wolfcamp Gas Pool.

8. Are there any depth severances within the Wolfcamp formation?

No.

9. Do these cases compete with Chevron's Case Nos. 22343 and 22344?

Yes.

10. What is one of the big differences in the competing applications?

Cimarex's well units are 3 miles long, and Chevron's are 2 miles long.

11. What are the main issues why Cimarex thinks its applications are better for development of this area?

There are several reasons: (1) Longer laterals are better and more economic; (2) While both Cimarex and Chevron plan 8 wells, Cimarex's wells are split between the upper Wolfcamp and the lower Wolfcamp. Cimarex's experience shows that this results in better recovery than Chevron's plan; (3) If Chevron gets its way, Cimarex will only be able to drill one mile laterals in Section 8, 25S, 27E, Eddy County, NM, which is not what you want in today's market; (4) Cimarex's plan will result in substantially less surface use and disturbance; and (5) Cimarex has substantial infrastructure within close proximity due to its development in this area.

12. Will your other witnesses cover certain of these issues?

Yes.

13. What does page 1 of your exhibit package also show?

Page 1 is a land plat showing the tracts in each well unit and indicating the working interest ownership percentages.

14. Who do you seek to pool?

We seek to pool all of the listed parties

15. Let's address one of the primary issues: You stated that if Cimarex loses it would have to drill 1 mile laterals. Can't you drill north from Section 8 into Section 5?

No. We thought about that, and inquired of COG and EOG, the primary owners there and in adjacent acreage. They said "no" in no uncertain terms. They have their own plans to develop their acreage.

16. What are pages 2-9 of your exhibits?

Those are the C-102s for the wells proposed by Cimarex. The wells are all located at standard locations.

17. What are pages 10-13 of your exhibits?

It is a sample well proposal sent to all working interest owners, which also included AFEs for all of the wells.

18. Please briefly discuss your contacts with the interest owners.

Besides the proposal letter, we e-mailed parties, called them, fielded questions from multiple owners, acquired leases from four (4) separate entities, held video conference calls and exchanged multiple emails with Chevron to discuss trade possibilities, JOA negotiation with Premier Oil & Gas; joinder was not accomplished, explanation of project proposal, timing and path forward as it relates to parties with smaller ownership shares that are interested in participating in the development. The smaller working interest owners are all standing aside to see what happens between Cimarex and Chevron.

We will continue to work with the interest owners.

19. Are there any unlocatable owners?

Yes.

20. What did Cimarex do to locate the interest owners?

We searched State, Federal, and Eddy County records. We also used historical Drilling Title Opinions we previously had rendered to use as a basis for the title updates.

21. In your opinion, has Chevron made a good faith effort to locate and obtain the voluntary joinder of the interest owners in the wells?

Yes.

22. As to the AFEs at pages 14-49, do they accurately reflect proposed costs?

Yes. They are based on current estimates from the wells we have been drilling in Eddy County. In my opinion the costs are fair and reasonable. The costs are roughly 10 million dollars for the shallower wells and 11.4 million dollars for the deeper wells.

23. Are these costs in line with the cost of other wells drilled to this depth in this area of New Mexico?

Yes.

24. Do you request that Cimarex be appointed operator of the wells?

Yes.

25. Do you have a recommendation for the amounts which Cimarex should be paid for supervision and administrative expenses?

(We request that \$8,500/month be allowed for a drilling well, and \$850/month be allowed for a producing well.)

26. Are these amounts equivalent to those normally charged by Cimarex and other operators in this area for wells of this depth?

Yes.

27. Do you request that these rates be adjusted periodically as provided by the COPAS accounting procedure?

Yes.

28. Does Cimarex request the maximum cost plus 200% risk charge if any interest owner goes non-consent in a well?

Yes.

29. Were the parties being pooled notified of this hearing?

Yes. We provided notice lists to our attorney and he has submitted notice exhibits, both by certified mail and publication.

30. Are there unleased fee owners in the well units?

Yes. They were notified of this hearing, as well as overriding royalty owners.

31. Were pages 1-49 of this Exhibit prepared by you or under your supervision, or compiled from company business records?


Yes.

32. Is the granting of Cimarex's applications, and the denial of Chevron's applications, in the interests of conservation and the prevention of waste?

Yes.

I understand that this Self-Affirmed Statement will be used as written testimony in these cases. I affirm that my testimony in paragraphs 1 through ___ above is true and correct, and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 3/10/22



Riley Morris

WI/NRI – E/2 Proration Unit: **Wolfcamp Only**

White City 8-17-20 Fed Com Unit Ownership:

- CTRA (WI/NRI): 49.840877%/42.938327%
- CVX (WI/NRI): 39.562046%/33.473243%
- Premier Oil & Gas (WI/NRI): 8.333375%/6.687534%
- Del Rey Minerals, LLC (WI/NRI): 0.592231%/0.444173%

Tract 1: Federal Lease No. NMNM 097126

- Cimarex Energy Co. - 100%

Tract 2: Federal Lease No. NMNM 113954

- Cimarex Energy Co. - 100%

Tract 3: Federal Lease No. NMNM 113954

- Chevron USA, Inc. - 100%*

Tract 4: Fed Lease No. NMNM 130854

- Chevron, USA, Inc. - 100%*

Tract 5: Fed Lease No. NMNM 130855

- Chevron, USA, Inc. - 100%*

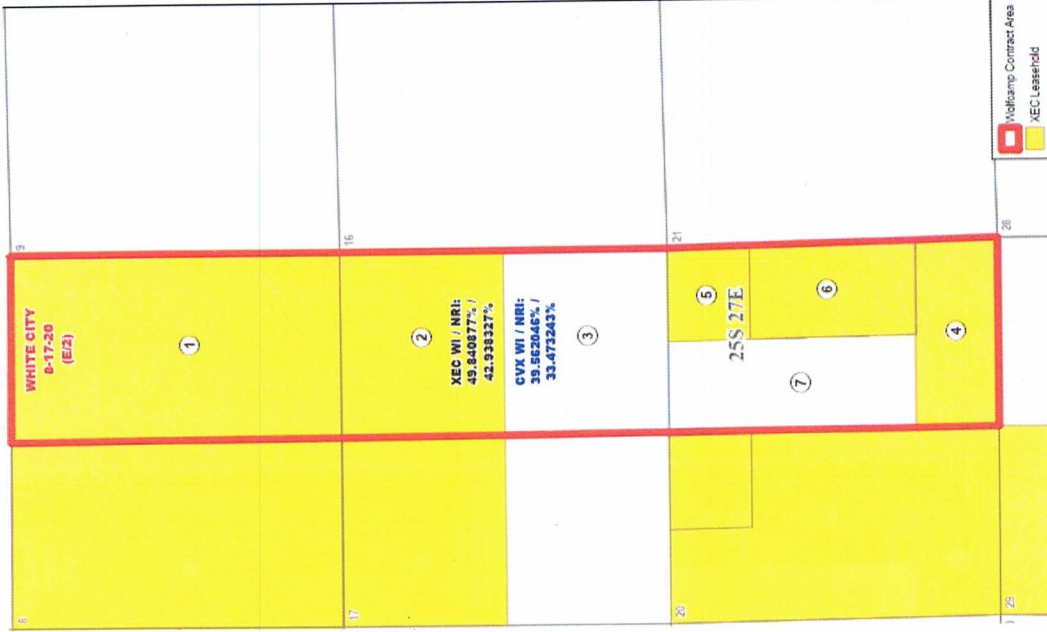
Tract 6: Fee Leases

- Chevron, USA, Inc. - 74.74505%*
- Del Rey Minerals, LLC – 7.106772%*
- Cimarex Energy Co. - 4.273345%
- Unleased: 13.874833%*

Tract 7: Fee Leases

- Chevron, USA, Inc. - 33.333%*
- Premier Oil & Gas, Inc. - 66.667%*

* Denotes that application has been made to pool said party



COTERRA

District I
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

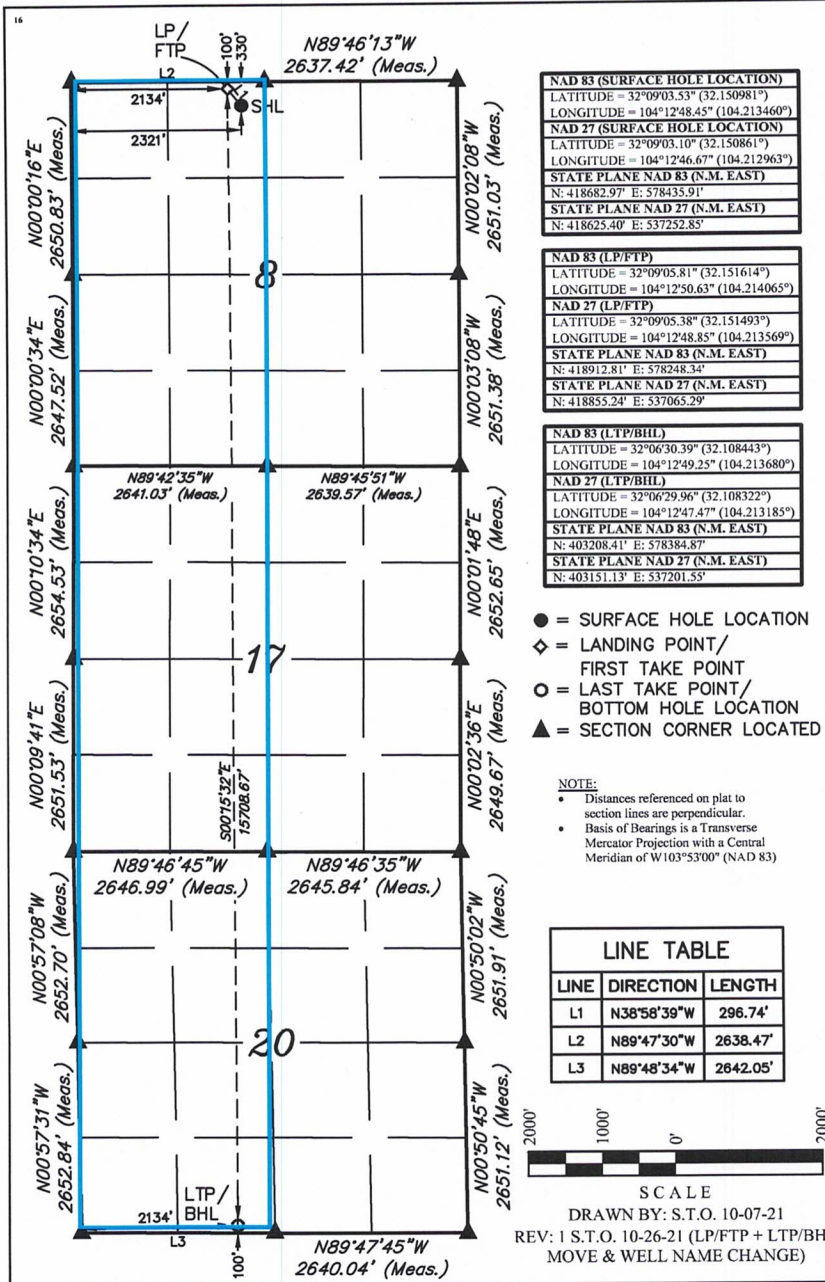
WELL LOCATION AND ACREAGE DEDICATION PLAT

30-015- ¹ API Number	98220 ² Pool Code	Purple Sage; Wolfcamp (Gas) ³ Pool Name
⁴ Property Code	⁵ Property Name WHITE CITY 8-17-20 FEDERAL COM	
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁶ Well Number 4H ⁹ Elevation 3326.1'

¹⁰ Surface Location									
UL or lot no. C	Section 8	Township 25S	Range 27E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 2321	East/West line WEST	County EDDY

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. N	Section 20	Township 25S	Range 27E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 2134	East/West line WEST	County EDDY
¹² Dedicated Acres 960	¹³ Joint or Infill	¹⁴ Consolidation 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.



¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Fatima Vasquez 01/28/2022
Signature Date

Fatima Vasquez
Printed Name
fatima.vasquez@coterra.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

June 25, 2021
Date of Survey
Signature and Seal of Professional Surveyor:

PAUL BUCHELE
NEW MEXICO
23482
10-26-21
PROFESSIONAL SURVEYOR

Certificate Number:

District I
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
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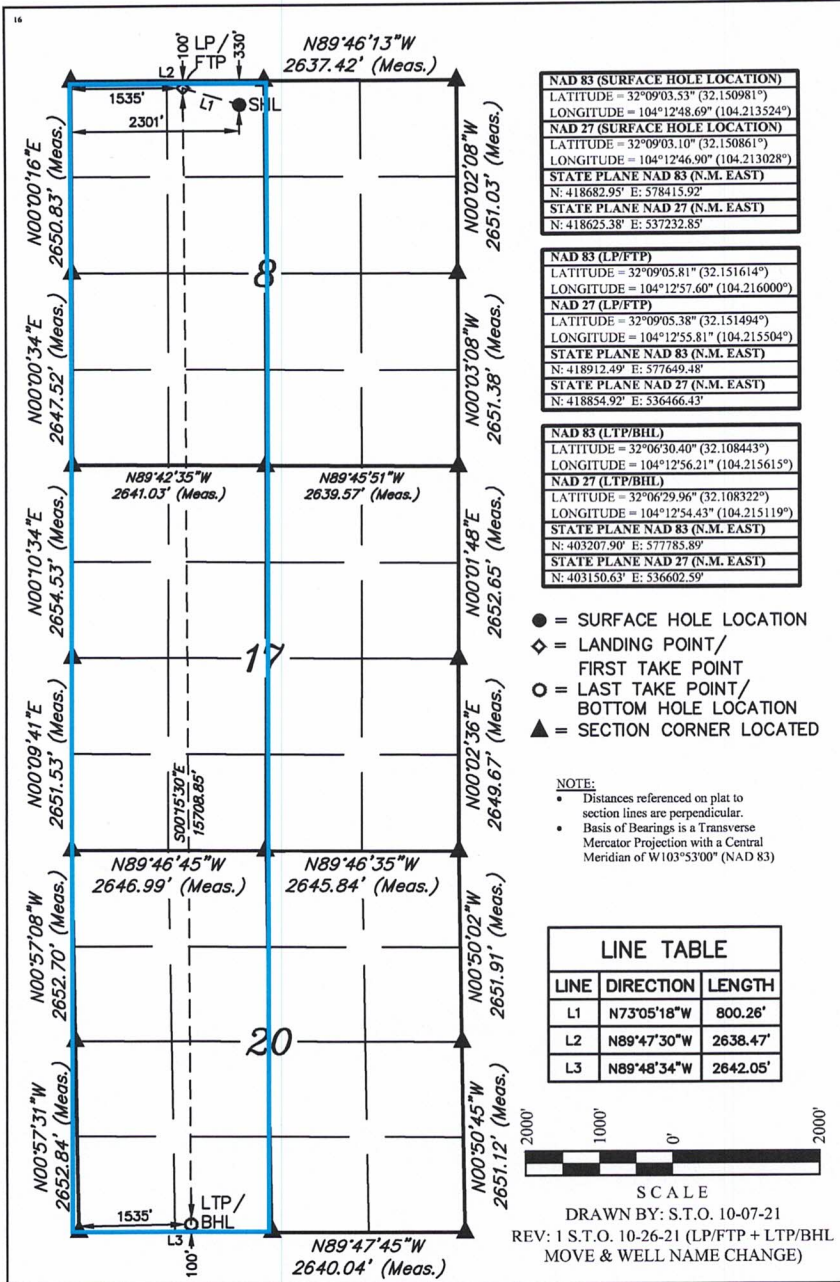
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-15-		² Pool Code 98220		³ Pool Name PURPLE SAGE; WOLFCAMP (GAS)	
⁴ Property Code		⁵ Property Name WHITE CITY 8-17-20 FEDERAL COM			⁶ Well Number 5H
⁷ OGRID No. 215099		⁸ Operator Name CIMAREX ENERGY CO.			⁹ Elevation 3326.1'

¹⁰ Surface Location									
UL or lot no. C	Section 8	Township 25S	Range 27E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 2301	East/West line WEST	County EDDY

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. N	Section 20	Township 25S	Range 27E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 1535	East/West line WEST	County EDDY
¹² Dedicated Acres 960		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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Fatima Vasquez 01/28/2022
Signature Date

Fatima Vasquez
Printed Name

fatima.vasquez@coterra.com
E-mail Address

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I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

June 25, 2021
Date of Survey

Signature and Seal of Professional Surveyor:
Paul Buchele

PAUL BUCHELE
NEW MEXICO
23482
10-26-21
PROFESSIONAL SURVEYOR

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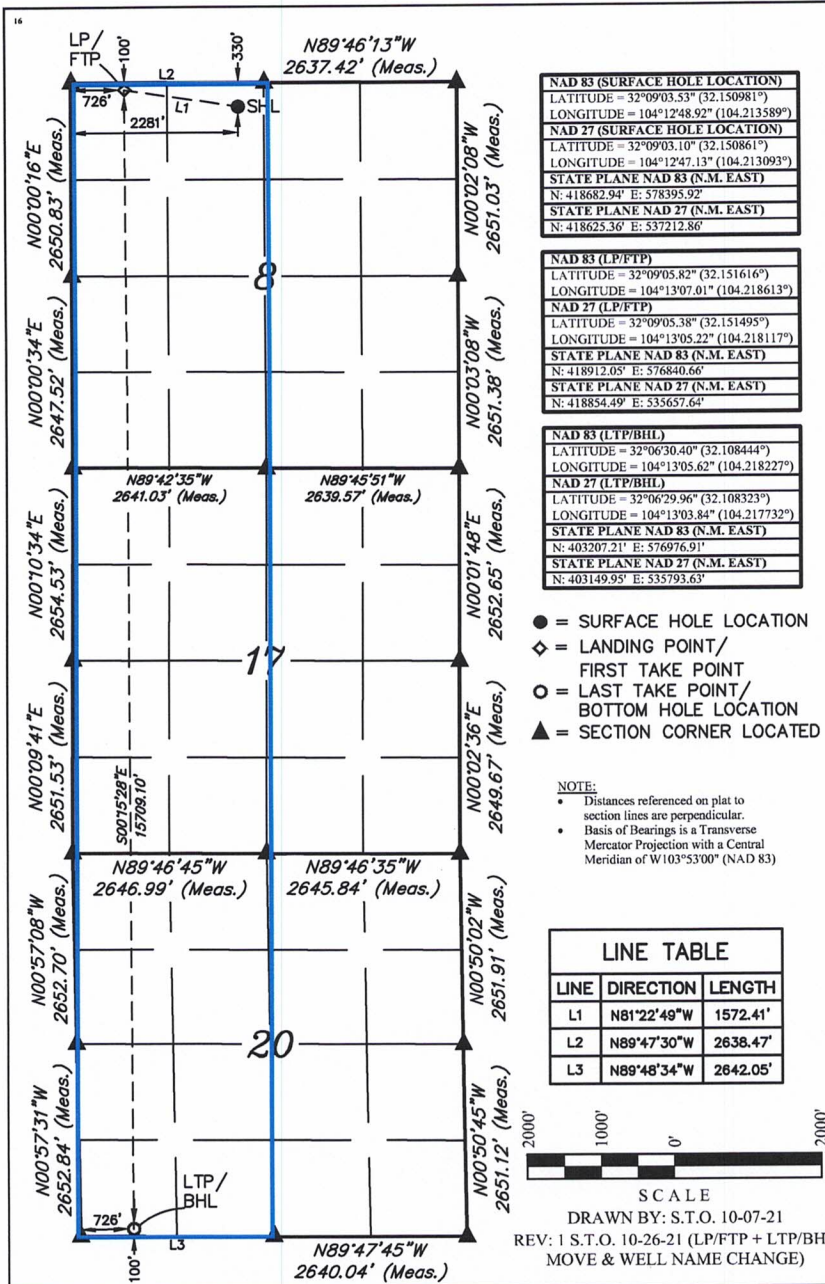
WELL LOCATION AND ACREAGE DEDICATION PLAT

30-015	¹ API Number	98220	² Pool Code	PURPLE SAGE WOLFCAMP (GAS)	³ Pool Name
	⁴ Property Code	WHITE CITY 8-17-20 FEDERAL COM			⁶ Well Number 6H
215099	⁷ OGRID No.	CIMAREX ENERGY CO.			⁹ Elevation 3326.0'

¹⁰ Surface Location									
UL or lot no. C	Section 8	Township 25S	Range 27E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 2281	East/West line WEST	County EDDY

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. M	Section 20	Township 25S	Range 27E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 726	East/West line WEST	County EDDY
¹² Dedicated Acres 960		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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Signature <i>Fatima Vasquez</i>	Date 02/04/2022
Fatima Vasquez Printed Name	
fatima.vasquez@coterra.com E-mail Address	

NAD 83 (SURFACE HOLE LOCATION)	
LATITUDE = 32°09'03.53" (32.150981°)	LONGITUDE = 104°12'48.92" (104.213589°)
NAD 27 (SURFACE HOLE LOCATION)	
LATITUDE = 32°09'03.10" (32.150861°)	LONGITUDE = 104°12'47.13" (104.213093°)
STATE PLANE NAD 83 (N.M. EAST)	
N: 418682.94' E: 578395.92'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 418625.36' E: 537212.86'	

NAD 83 (LP/FTP)	
LATITUDE = 32°09'05.82" (32.151616°)	LONGITUDE = 104°13'07.01" (104.218613°)
NAD 27 (LP/FTP)	
LATITUDE = 32°09'05.38" (32.151495°)	LONGITUDE = 104°13'05.22" (104.218117°)
STATE PLANE NAD 83 (N.M. EAST)	
N: 418912.05' E: 576840.66'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 418854.49' E: 535657.64'	

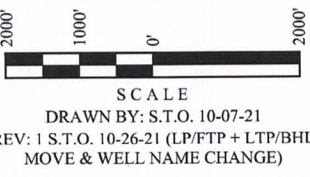
NAD 83 (LTP/BHL)	
LATITUDE = 32°06'30.40" (32.108444°)	LONGITUDE = 104°13'05.62" (104.218227°)
NAD 27 (LTP/BHL)	
LATITUDE = 32°06'29.96" (32.108323°)	LONGITUDE = 104°13'03.84" (104.217732°)
STATE PLANE NAD 83 (N.M. EAST)	
N: 403207.21' E: 576976.91'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 403149.95' E: 535793.63'	

- = SURFACE HOLE LOCATION
- ◆ = LANDING POINT/ FIRST TAKE POINT
- = LAST TAKE POINT/ BOTTOM HOLE LOCATION
- ▲ = SECTION CORNER LOCATED

NOTE:

- Distances referenced on plat to section lines are perpendicular.
- Basis of Bearings is a Transverse Mercator Projection with a Central Meridian of W 103°53'00" (NAD 83)

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N81°22'49"W	1572.41'
L2	N89°47'30"W	2638.47'
L3	N89°48'34"W	2642.05'



¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

June 25, 2021

Date of Survey
Signature and Seal of Professional Surveyor:

Certificate Number:

District I
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
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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

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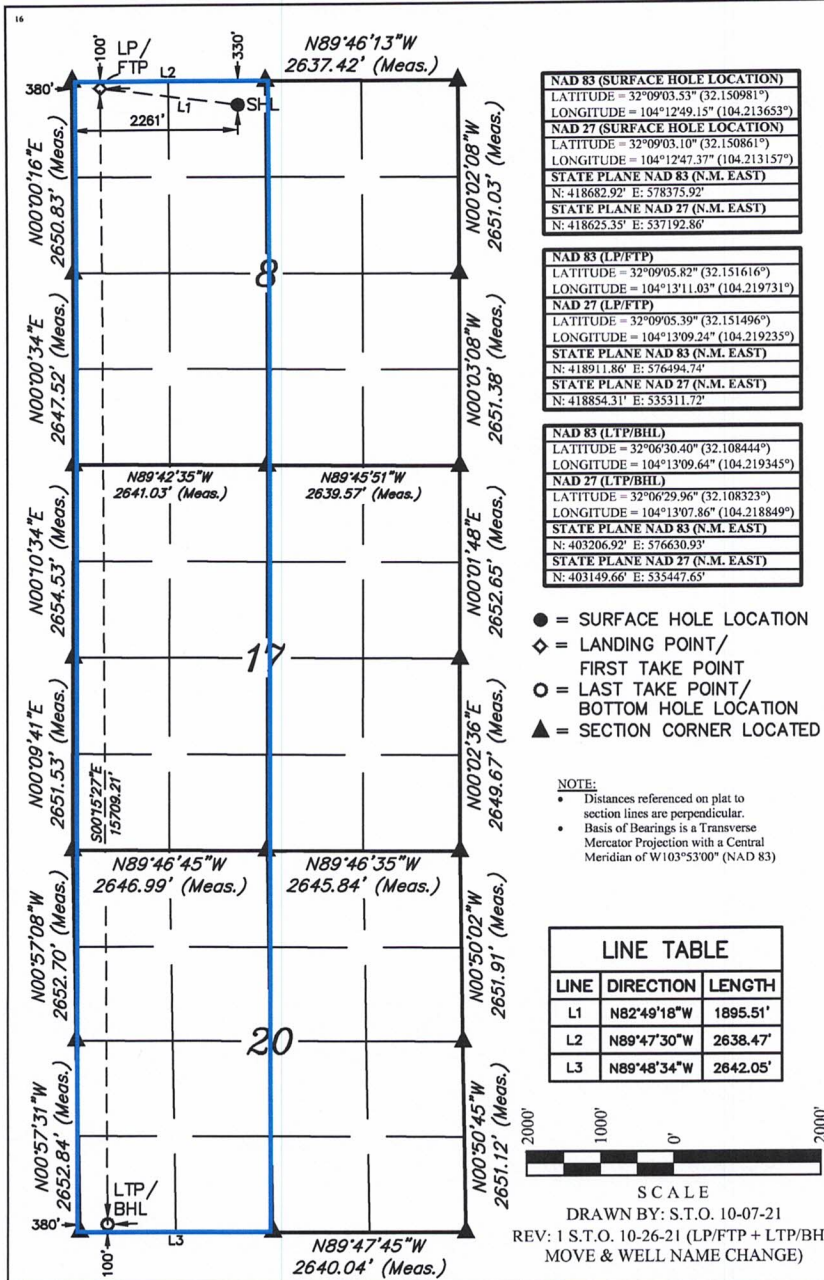
WELL LOCATION AND ACREAGE DEDICATION PLAT

30-015	¹ API Number	98220	² Pool Code	PURPLE SAGE; WOLFCAMP (GAS)	³ Pool Name
	⁴ Property Code	WHITE CITY 8-17-20 FEDERAL COM			⁶ Well Number 7H
215099	⁷ OGRID No.	CIMAREX ENERGY CO.			⁹ Elevation 3325.6'

¹⁰ Surface Location									
UL or lot no. C	Section 8	Township 25S	Range 27E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 2261	East/West line WEST	County EDDY

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. M	Section 20	Township 25S	Range 27E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 380	East/West line WEST	County EDDY
¹² Dedicated Acres 960	¹³ Joint or Infill	¹⁴ Consolidation 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.



¹⁷ OPERATOR CERTIFICATION
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Fatima Vasquez 02/04/2022
Signature Date
Fatima Vasquez
Printed Name
fatima.vasquez@coterra.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

June 25, 2021
Date of Survey
Signature and Seal of Professional Surveyor:

PAUL BUCHELE
NEW MEXICO
23782
10-26-21
PROFESSIONAL SURVEYOR

Certificate Number:

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WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-48022		² Pool Code 998220		³ Pool Name Purple Sage; Wolfcamp (Gas)	
⁴ Property Code 330172		⁵ Property Name WHITE CITY 8-17-20 FEDERAL COM			⁶ Well Number 17H
⁷ OGRID No. 215099		⁸ Operator Name CIMAREX ENERGY CO.			⁹ Elevation 3310.9'

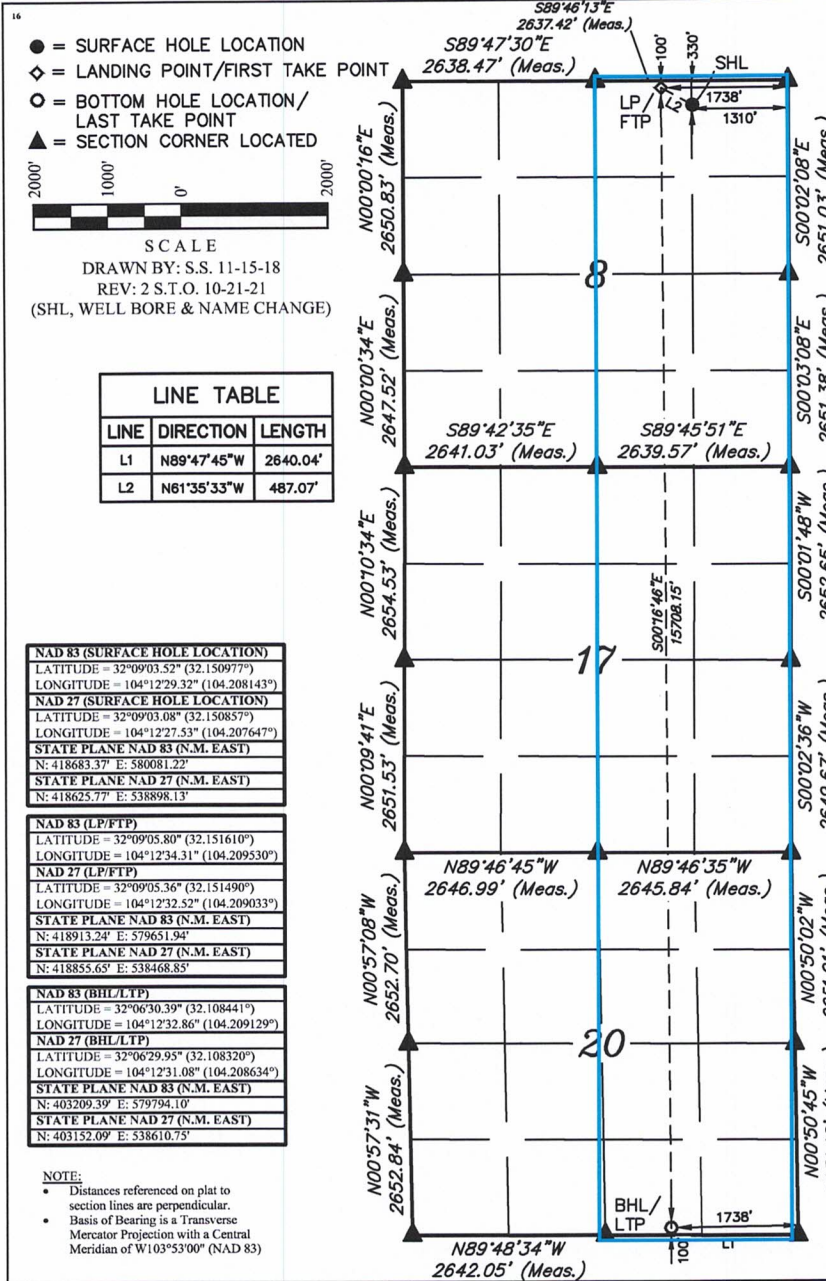
¹⁰ Surface Location

UL or lot no. A	Section 8	Township 25S	Range 27E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 1310	East/West line EAST	County EDDY
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. O	Section 20	Township 25S	Range 27E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 1738	East/West line EAST	County EDDY
¹² Dedicated Acres 960		¹³ Joint or Infill		¹⁴ Consolidation 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.



NAD 83 (SURFACE HOLE LOCATION) LATITUDE = 32°09'03.52" (32.150977°) LONGITUDE = 104°12'29.32" (104.208143°)
NAD 27 (SURFACE HOLE LOCATION) LATITUDE = 32°09'03.08" (32.150857°) LONGITUDE = 104°12'27.53" (104.207647°)
STATE PLANE NAD 83 (N.M. EAST) N: 418683.37' E: 580081.22' STATE PLANE NAD 27 (N.M. EAST) N: 418625.77' E: 538898.13'
NAD 83 (LP/FTP) LATITUDE = 32°09'05.80" (32.151610°) LONGITUDE = 104°12'34.31" (104.209530°)
NAD 27 (LP/FTP) LATITUDE = 32°09'05.36" (32.151490°) LONGITUDE = 104°12'32.52" (104.209033°)
STATE PLANE NAD 83 (N.M. EAST) N: 418913.24' E: 579651.94' STATE PLANE NAD 27 (N.M. EAST) N: 418855.65' E: 538468.85'
NAD 83 (BHL/LTP) LATITUDE = 32°06'30.39" (32.108441°) LONGITUDE = 104°12'32.86" (104.209129°)
NAD 27 (BHL/LTP) LATITUDE = 32°06'29.95" (32.108320°) LONGITUDE = 104°12'31.08" (104.208634°)
STATE PLANE NAD 83 (N.M. EAST) N: 403209.39' E: 579794.10' STATE PLANE NAD 27 (N.M. EAST) N: 403152.09' E: 538610.75'

NOTE:
 • Distances referenced on plat to section lines are perpendicular.
 • Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00" (NAD 83)

¹⁷ OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Fatima Vasquez 2/9/2022
Signature Date

Fatima Vasquez
Printed Name

fatima.vasquez@coterra.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

SEPTEMBER 5, 2018

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number:

6

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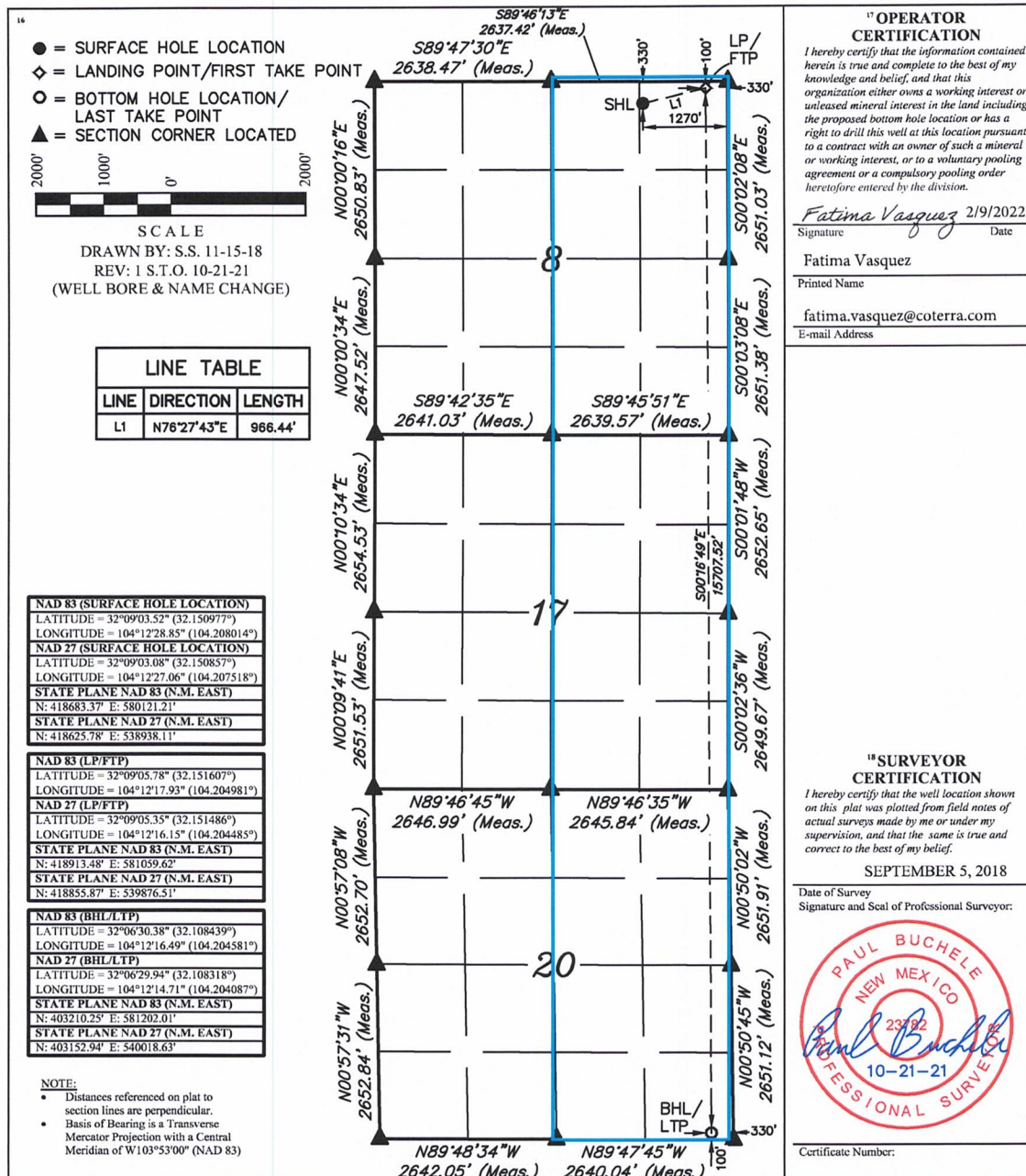
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-48464	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp (Gas)
⁴ Property Code 330172	⁵ Property Name WHITE CITY 8-17-20 FEDERAL COM	
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3310.3'

¹⁰ Surface Location									
UL or lot no. A	Section 8	Township 25S	Range 27E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 1270	East/West line EAST	County EDDY

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. P	Section 20	Township 25S	Range 27E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 330	East/West line EAST	County EDDY
¹² Dedicated Acres 960		¹³ Joint or Infill		¹⁴ Consolidation 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.



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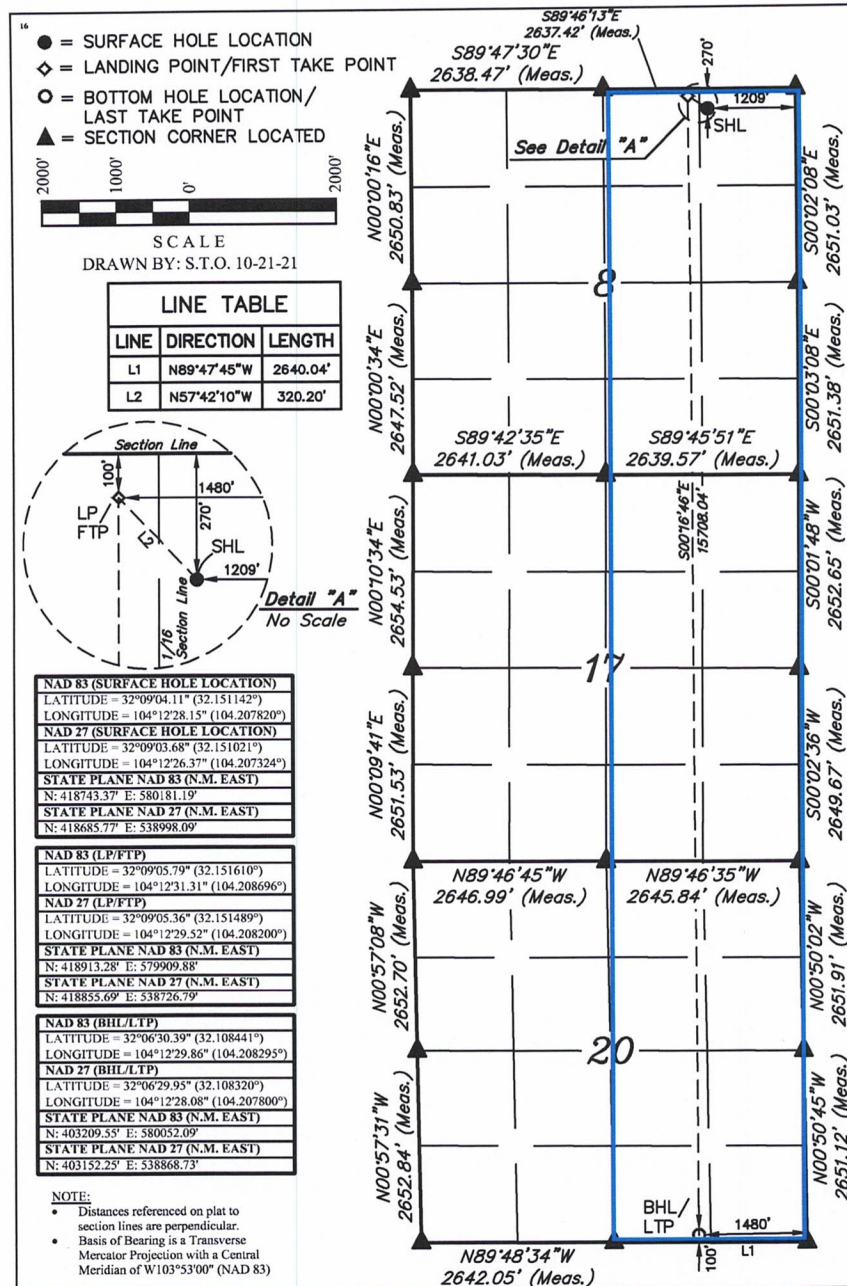
WELL LOCATION AND ACREAGE DEDICATION PLAT

30-015- ¹ API Number		98220 ² Pool Code		PURPLE SAGE WOLFCAMP (GAS) ³ Pool Name	
⁴ Property Code		WHITE CITY 8-17-20 FEDERAL COM ⁵ Property Name			⁶ Well Number 21H
⁷ OGRID No. 215099		CIMAREX ENERGY CO. ⁸ Operator Name			⁹ Elevation 3311.1'

¹⁰ Surface Location									
UL or lot no. A	Section 8	Township 25S	Range 27E	Lot Idn	Feet from the 270	North/South line NORTH	Feet from the 1209	East/West line EAST	County EDDY

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. O	Section 20	Township 25S	Range 27E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 1480	East/West line EAST	County EDDY
¹² Dedicated Acres 960		¹³ Joint or Infill		¹⁴ Consolidation 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.



17 OPERATOR CERTIFICATION

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Fatima Vasquez 2/19/2022
Signature Date

Fatima Vasquez
Printed Name

fatima.vasquez@coterra.com
E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

SEPTEMBER 5, 2018

Date of Survey
Signature and Seal of Professional Surveyor:

PAUL BUCHELE
NEW MEXICO
2332
10-21-21
PROFESSIONAL SURVEYOR

Certificate Number:

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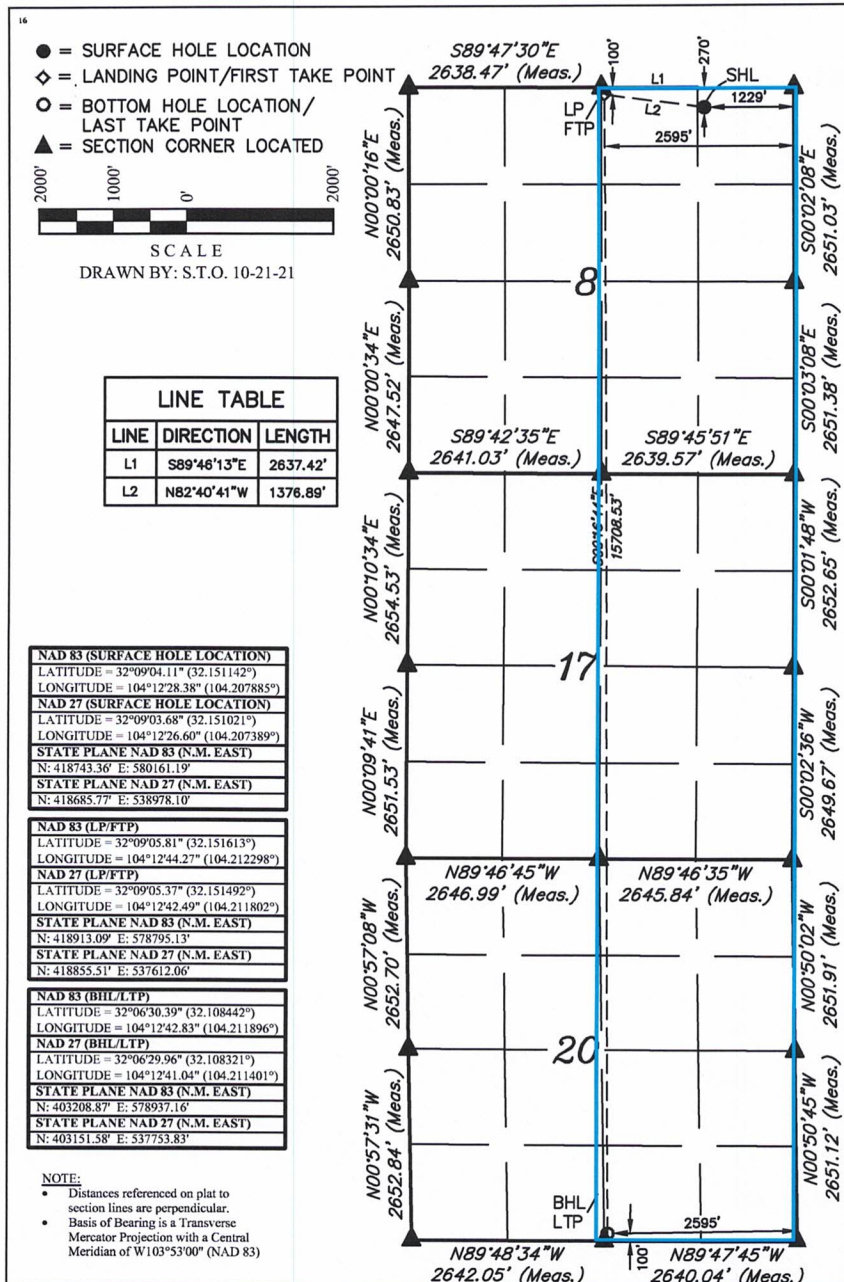
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015		² Pool Code 98220		³ Pool Name PURPLE SAGE WOLFCAMP (GAS)	
⁴ Property Code		⁵ Property Name WHITE CITY 8-17-20 FEDERAL COM			⁶ Well Number 22H
⁷ OGRID No. 215099		⁸ Operator Name CIMAREX ENERGY CO.			⁹ Elevation 3311.2'

¹⁰ Surface Location									
UL or lot no. A	Section 8	Township 25S	Range 27E	Lot Idn	Feet from the 270	North/South line NORTH	Feet from the 1229	East/West line EAST	County EDDY

¹¹ Bottom Hole Location If Different From Surface									
UL or lot no. O	Section 20	Township 25S	Range 27E	Lot Idn	Feet from the 100	North/South line SOUTH	Feet from the 2595	East/West line EAST	County EDDY
¹² Dedicated Acres 960		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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¹⁷ OPERATOR CERTIFICATION

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Fatima Vasquez 2/19/2022
Signature Date

Fatima Vasquez
Printed Name

fatima.vasquez@coterra.com
E-mail Address

¹⁸ SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

SEPTEMBER 5, 2018
Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number:

Cimarex Energy Co.
600 N. Marienfeld St.
Suite 600
Midland, TX 79701
Main: 432.571.7800



October 13, 2021

Chevron USA Inc.
Attn: Bennett Massie
1400 Smith St.
Houston, TX 77002

**Re: Proposal to Drill
White City 8-17-20 Fed Com 4H-7H, 17H-18H & 20H-22H
Sections 8, 17 & 20, Township 25 South, Range 27 East
Eddy County, NM**

Dear Working Interest Owner,

Cimarex Energy Co. hereby proposes to drill the White City 8-17-20 Fed Com wells at a legal location in Section 8, Township 25 South, Range 27 East, NMPM, Eddy County, New Mexico.

White City 8-17-20 Fed Com 4H - The intended surface hole location for the well is 330'FNL & 2320'FWL of Section 8, Township 25 South, Range 27 East, and the intended bottom hole location 100'FSL & 2134'FWL of Section 20, Township 25 South, Range 27 East. The well is proposed to be drilled vertically to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location. Total vertical depth of the well is proposed to be approximately 8,920'.

White City 8-17-20 Fed Com 5H - The intended surface hole location for the well is 330'FNL & 2300'FWL of Section 8, Township 25 South, Range 27 East, and the intended bottom hole location 100'FSL & 1535'FWL of Section 20, Township 25 South, Range 27 East. The well is proposed to be drilled vertically to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location. Total vertical depth of the well is proposed to be approximately 9,860'.

White City 8-17-20 Fed Com 6H - The intended surface hole location for the well is 330'FNL & 2280'FWL of Section 8, Township 25 South, Range 27 East, and the intended bottom hole location 100'FSL & 726'FWL of Section 20, Township 25 South, Range 27 East. The well is proposed to be drilled vertically to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location. Total vertical depth of the well is proposed to be approximately 8,920'.

White City 8-17-20 Fed Com 7H - The intended surface hole location for the well is 330'FNL & 2260'FWL of Section 8, Township 25 South, Range 27 East, and the intended bottom hole location 100'FSL & 380'FWL of Section 20, Township 25 South, Range 27 East. The well is proposed to be drilled vertically to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location. Total vertical depth of the well is proposed to be approximately 9,860'.

10

White City 8-17-20 Fed Com 17H - The intended surface hole location for the well is 330'FSL & 1290'FEL of Section 8, Township 25 South, Range 27 East, and the intended bottom hole location 100'FSL & 1738'FEL of Section 20, Township 25 South, Range 27 East. The well is proposed to be drilled vertically to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location. Total vertical depth of the well is proposed to be approximately 8,920'.

White City 8-17-20 Fed Com 18H - The intended surface hole location for the well is 330'FSL & 1270'FEL of Section 8, Township 25 South, Range 27 East, and the intended bottom hole location 100'FSL & 330'FEL of Section 20, Township 25 South, Range 27 East. The well is proposed to be drilled vertically to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location. Total vertical depth of the well is proposed to be approximately 8,920'.

White City 8-17-20 Fed Com 20H - The intended surface hole location for the well is 270'FNL & 1190'FEL of Section 8, Township 25 South, Range 27 East, and the intended bottom hole location 100'FSL & 330'FEL of Section 20, Township 25 South, Range 27 East. The well is proposed to be drilled vertically to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location. Total vertical depth of the well is proposed to be approximately 9,860'.

White City 8-17-20 Fed Com 21H - The intended surface hole location for the well is 270'FNL & 1210'FEL of Section 8, Township 25 South, Range 27 East, and the intended bottom hole location 100'FSL & 1480'FEL of Section 20, Township 25 South, Range 27 East. The well is proposed to be drilled vertically to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location. Total vertical depth of the well is proposed to be approximately 9,630'.

White City 8-17-20 Fed Com 22H - The intended surface hole location for the well is 270'FNL & 1230'FEL of Section 8, Township 25 South, Range 27 East, and the intended bottom hole location 100'FSL & 2595'FEL of Section 20, Township 25 South, Range 27 East. The well is proposed to be drilled vertically to the Wolfcamp formation and laterally in a southerly direction within the formation to the referenced bottom hole location. Total vertical depth of the well is proposed to be approximately 9,860'.

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 White City 8-17-20 Fed Com wells. 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, 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 we do not reach an agreement within 30 days of the date of this letter, Cimarex may apply to the New Mexico Oil Conservation Division for compulsory pooling of your interest in to a horizontal spacing unit for the proposed well.

11

Please call the undersigned with any questions or comments.

Respectfully,

Riley C. Morris

Riley C. Morris
Sr. Landman
432.620.1966
rmorris@cimarex.com

12

**ELECTION TO PARTICIPATE
White City 8-17-20 Fed Com 4H**

_____ Chevron USA Inc. elects **TO** participate in the proposed White City 8-17-20 Fed Com 4H well.

_____ Chevron USA Inc. elects **NOT** to participate in the proposed White City 8-17-20 Fed Com 4H well.

Dated this ____ day of _____, 2021.

Signature: _____

Title: _____

If your election above is TO participate in the proposed White City 8-17-20 Fed Com 4H well, then:

_____ Chevron USA Inc. elects **TO** be covered by well control insurance procured by Cimarex Energy Co.

_____ Chevron USA Inc. 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.