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District II
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1000 Rio Brazos Road, Aztec, NM 87410
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District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION

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

AUG 03 2018 1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

AMENDED REPORT
BH loc. change

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-44840	² Pool Code 28432	³ Pool Name Grama Ridge; Bone Spring, West
⁴ Property Code 317301	⁵ Property Name WEST GRAMA RIDGE 8-5 FEDERAL COM	
⁷ OGRID No. 215099	⁶ Operator Name CIMAREX ENERGY CO.	⁸ Well Number 3H
		⁹ Elevation 3524.8'

"Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	8	22S	34E		517	SOUTH	540	WEST	LEA

"Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	5	22S	34E		100	NORTH	510	WEST	LEA
¹² Dedicated Acres 320.46		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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NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°24'01.41" (32.400392°)
LONGITUDE = 103°29'55.83" (103.498842°)

NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°24'00.97" (32.400269°)
LONGITUDE = 103°29'54.09" (103.498359°)

STATE PLANE NAD 83 (N.M. EAST)
N: 510399.16' E: 798893.41'

STATE PLANE NAD 27 (N.M. EAST)
N: 510338.46' E: 757710.74'

NAD 83 (BHL/LTP)
LATITUDE = 32°25'39.96" (32.427767°)
LONGITUDE = 103°29'55.95" (103.498875°)

NAD 27 (BHL/LTP)
LATITUDE = 32°25'39.51" (32.427643°)
LONGITUDE = 103°29'54.21" (103.498392°)

STATE PLANE NAD 83 (N.M. EAST)
N: 520358.10' E: 798805.37'

STATE PLANE NAD 27 (N.M. EAST)
N: 520297.10' E: 757622.90'

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"

Detail "A"
No Scale

SCALE
REV: 2 07-25-18 S.S. (BHL CHANGE)

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

LINE	DIRECTION	LENGTH
L1	S89°43'09"W	29.84'

"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.

[Signature] 08/02/2018
Signature Date

Fatima Vasquez
Printed Name

fvasquez@cimarex.com
E-mail Address

"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.

October 17, 2017
Date of Survey

[Signature]
Signature and Seal of Professional Surveyor:

PAUL BUCHELE
NEW MEXICO
23782
PROFESSIONAL SURVEYOR
07-25-18

Certificate Number: