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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

1 APT Number 30-025-46116		2 Pool Code 97994		3 Pool Name WC-025 G-06 S253329D; UPR BONE SPRING	
4 Property Code 319775		5 Property Name VACA DRAW 20-17 FEDERAL		6 Well Number 43H	
7 OGBID No. 215099		8 Operator Name CIMAREX ENERGY CO.		9 Elevation 3407.9'	

"Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	20	25S	33E		390	SOUTH	2140	EAST	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
B	17	25S	33E		100	NORTH	2170	EAST	LEA
10 Dedicated Acres 640		11 Joint or Infill		12 Consolidation Code		13 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.

Legend:

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

SCALE
REV: 2 06-19-19 R.J. (BHL CHANGE)

LINE	DIRECTION	LENGTH
L1	N89°57'22"W	30.01'
L2	N89°52'03"E	2643.50'
L3	S89°56'49"W	2644.60'

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°06'35.65" (32.109903°)
LONGITUDE = 103°35'33.63" (103.592679°)

NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°06'35.20" (32.109779°)
LONGITUDE = 103°35'31.95" (103.592208°)

STATE PLANE NAD 83 (N.M. EAST)
N: 404307.12' E: 770639.89'

STATE PLANE NAD 27 (N.M. EAST)
N: 404449.34' E: 729473.72'

NAD 83 (LP/FTP)
LATITUDE = 32°06'35.65" (32.109904°)
LONGITUDE = 103°35'33.99" (103.592776°)

NAD 27 (LP/FTP)
LATITUDE = 32°06'35.20" (32.109779°)
LONGITUDE = 103°35'32.30" (103.592304°)

STATE PLANE NAD 83 (N.M. EAST)
N: 404307.02' E: 770639.89'

STATE PLANE NAD 27 (N.M. EAST)
N: 404449.24' E: 729443.72'

NAD 83 (BHL/LTP)
LATITUDE = 32°08'15.29" (32.137379°)
LONGITUDE = 103°35'33.94" (103.592761°)

NAD 27 (BHL/LTP)
LATITUDE = 32°08'14.84" (32.137435°)
LONGITUDE = 103°35'32.23" (103.592287°)

STATE PLANE NAD 83 (N.M. EAST)
N: 414573.08' E: 770563.31'

STATE PLANE NAD 27 (N.M. EAST)
N: 414517.04' E: 729379.81'

Detail "A"
No Scale

Diagram Description: The diagram shows a grid of sections 17 and 20. Section 17 is on the left and section 20 is on the right. The well location is marked with a solid circle (●) in section 20. The diagram shows the well location relative to the section corner (●) and the section line. The distance from the section corner to the well location is 2170' North and 2140' East. The diagram also shows the well location relative to the section corner, with a distance of 390' from the section corner.

"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 has a voluntary pooling agreement of a completion pooling order heretofore entered into by this organization.

Signature: *Teri Statham* Date: *7/25/18*

Printed Name: *Teri Statham*

E-mail Address: *TeriStatham@cimarex.com*

"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.

July 25, 2018

Date of Survey

Signature and Seal of Professional Surveyor:

PAUL BUCHELE
NEW MEXICO
23/82
06-19-19
PROFESSIONAL SURVEYOR

Certificate Number: