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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 API Number 30-025 44150	² Pool Code 97994	³ Pool Name Wildcat; Upper Bone Spring
⁴ Property Code 319775	⁵ Property Name VACA DRAW 20-17 FEDERAL	⁶ Well Number 5H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.	⁹ Elevation 3423.2'

¹⁰ Surface Location

UL or lot no. M	Section 20	Township 25S	Range 33E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 670	East/West line WEST	County LEA
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¹¹ Bottom Hole Location If Different From Surface

UL or lot no. D	Section 17	Township 25S	Range 33E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 380	East/West line WEST	County LEA
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¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

¹⁶ 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 (SURFACE HOLE LOCATION)	
LATITUDE = 32°06'35.06" (32.109739)	
LONGITUDE = 103°36'02.46" (103.600683)	
NAD 27 (SURFACE HOLE LOCATION)	
LATITUDE = 32°06'34.61" (32.109614)	
LONGITUDE = 103°36'00.76" (103.600211)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 404430.38 E: 768181.86	
STATE PLANE NAD 27 (N.M. EAST)	
N: 404372.59 E: 726995.71	

NAD 83 (BOTTOM HOLE LOCATION)	
LATITUDE = 32°08'13.02" (32.136950)	
LONGITUDE = 103°36'05.80" (103.601611)	
NAD 27 (BOTTOM HOLE LOCATION)	
LATITUDE = 32°08'12.57" (32.136825)	
LONGITUDE = 103°36'04.09" (103.601136)	
STATE PLANE NAD 83 (N.M. EAST)	
N: 414327.54 E: 767827.61	
STATE PLANE NAD 27 (N.M. EAST)	
N: 414269.50 E: 726641.92	

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N36°04'46"W	493.87'

SCALE
DRAWN BY: S.F., 01-20-17
REV: 2 10-09-17 S.F.
(MOVED BOTTOM HOLE)

● = SURFACE HOLE LOCATION
○ = BOTTOM HOLE LOCATION
▲ = SECTION CORNERS LOCATED
◇ = LANDING POINT

The diagram shows a grid of sections 17 and 20. Section 17 is at the top, and section 20 is at the bottom. A surface hole (SHL) is located in section 20, and a bottom hole (BHL) is located in section 17. A landing point (LP) is also shown in section 20. The diagram includes bearings and distances for the well location and section corners. A scale bar is provided at the bottom left.

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.

Aricka Easterling 10/11/17
Signature Date

Aricka Easterling
Printed Name

aeasterling@cimarex.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.

January 19, 2017
Date of Survey

Signature and Seal of Professional Surveyor:

PAUL BUCHELE
NEW MEXICO
23782
10-09-17
PROFESSIONAL SURVEYOR

Certificate Number: