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District II
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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

1. APT. Number 30-025-46118	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 45H
7. OGBID No. 215099	8. Operator Name CIMAREX ENERGY CO.	9. Elevation 3406.7'

10. Surface Location

UL or lot no. O	Section 20	Township 25S	Range 33E	Lot Idn	Feet from the 390	North/South line SOUTH	Feet from the 2100	East/West line EAST	County LEA
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11. Bottom Hole Location If Different From Surface

UL or lot no. B	Section 17	Township 25S	Range 33E	Lot Idn	Feet from the 100	North/South line NORTH	Feet from the 1250	East/West line EAST	County LEA
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12. Dedicated Acres 640	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
- = SURFACE HOLE LOCATION
 - ◆ = LANDING POINT/FIRST TAKE POINT
 - = BOTTOM HOLE LOCATION/
LAST TAKE POINT
 - ▲ = SECTION CORNER LOCATED



SCALE
DRAWN BY: C.D. 09-10-18
REV: 1 R.J. 06-19-19 (BHL CHANGE)

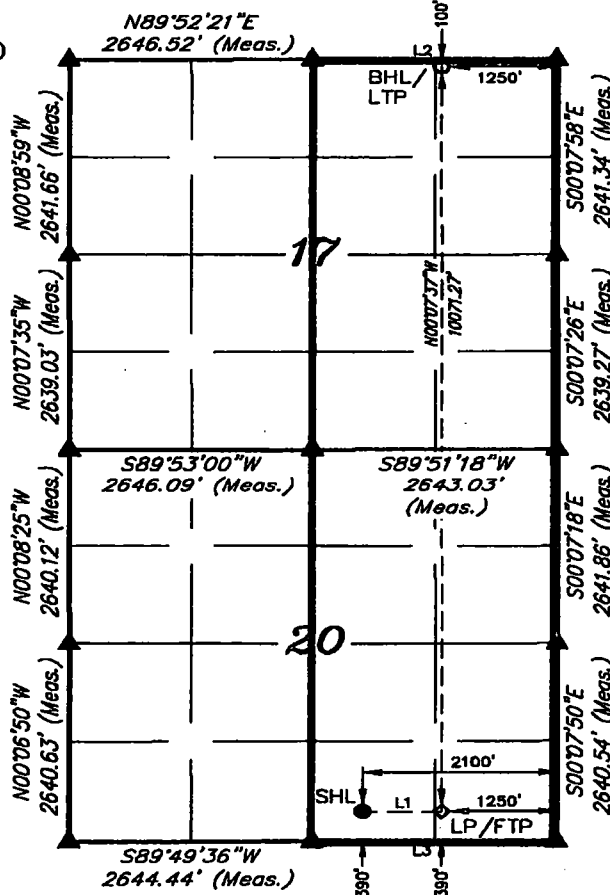
LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N89°56'33"E	850.00'
L2	N89°52'03"E	2643.50'
L3	S89°58'49"W	2644.60'

NAD 83 (SURFACE HOLE LOCATION)	
LATITUDE = 32°06'35.63" (32.109903°)	LONGITUDE = 103°35'33.18" (103.592550°)
NAD 27 (SURFACE HOLE LOCATION)	
LATITUDE = 32°06'35.20" (32.109779°)	LONGITUDE = 103°35'31.48" (103.592078°)
STATE PLANE NAD 83 (N.M. EAST)	
N: 404307.31' E: 770699.88'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 404449.33' E: 770513.71'	

NAD 83 (LP/FTP)	
LATITUDE = 32°06'35.64" (32.109899°)	LONGITUDE = 103°35'23.30" (103.589806°)
NAD 27 (LP/FTP)	
LATITUDE = 32°06'35.19" (32.109775°)	LONGITUDE = 103°35'21.60" (103.589334°)
STATE PLANE NAD 83 (N.M. EAST)	
N: 404311.71' E: 771349.72'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 404453.93' E: 770363.34'	

NAD 83 (BHL/LTP)	
LATITUDE = 32°06'15.28" (32.137578°)	LONGITUDE = 103°35'23.24" (103.589789°)
NAD 27 (BHL/LTP)	
LATITUDE = 32°06'14.83" (32.137454°)	LONGITUDE = 103°35'21.54" (103.589316°)
STATE PLANE NAD 83 (N.M. EAST)	
N: 414581.03' E: 771483.93'	
STATE PLANE NAD 27 (N.M. EAST)	
N: 414523.01' E: 770299.62'	

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"



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 pursuant to a pooling order approved by the New Mexico Oil Conservation Division.

Signature: Terri Stathern Date: 7-1-19

Printed Name: Terri Stathern

E-mail Address: Tstathern@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.

July 25, 2018

Date of Survey
Signature and Seal of Professional Surveyor:



Certificate Number: