

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

☐ AMENDED REPORT

¹ API Number 30-025-46161		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 72H
⁷ OGRID No. 215099	⁸ Operator Name CIMAREX ENERGY CO.			⁹ Elevation 3395.3'

UL or lot no. P	Section 20	Township 25S	Range 33E	Lot Idn	Feet from the 390	North/South line SOUTH	Feet from the 350	East/West line EAST	County LEA
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UL or lot no. A	Section 17	Township 25S	Range 33E	Lot Ida	Feet from the 100	North/South line NORTH	Feet from the 330	East/West line EAST	County LEA
¹² Indicated Acres 640		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N89°51'01"E	18.89'
L2	S89°58'49"W	2644.60'
L3	N89°52'03"E	2643.60'

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 equivalent to a contract with an owner of such mineral or working interest or to a venturing pooling agreement or a community pooling or other heretofore authorized by the Division.

~~Terri Stathern~~

Printed Name
Tstachem@cimarex.com

E-mail Address

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 27, 2018

Date of Survey _____
Signature and Seal of Professional Surveyor: _____



Certificate Numbers

NAD 83 (SURFACE HOLE LOCATION)
LATITUDE = 32°06'35.62" (32.109895)
LONGITUDE = 103°35'12.84" (103.586899)
NAD 27 (SURFACE HOLE LOCATION)
LATITUDE = 32°06'35.17" (32.109770)
LONGITUDE = 103°35'11.14" (103.586428)
STATE PLANE NAD 83 (N.S.L EAST)
N: 404516.36 E: 772449.36
STATE PLANE NAD 27 (N.S.L EAST)
N: 404458.48 E: 751263.57

NAD 83 (CR/FTP)
LATITUDE = 32°06'35.62" (32.109895°)
LONGITUDE = 103°35'12.61" (103.586835°)
NAD 27 (CR/FTP)
LATITUDE = 32°06'35.17" (32.109770°)
LONGITUDE = 103°35'10.91" (103.586363°)
STATE PLANE NAD 83 (N.M. EAST)
N: 404516.40' E: 772469.33'
STATE PLANE NAD 27 (N.M. EAST)
N: 404448.63' E: 771283.36'

NAD 83 (BM/LTP)
LATITUDE = 32°08'15.28" (32.137577°)
LONGITUDE = 103°35'12.54" (103.586818°)
NAD 27 (BM/LTP)
LATITUDE = 32°08'14.83" (32.137453°)
LONGITUDE = 103°35'10.84" (103.586344°)
STATE PLANE NAD 83 (N.M. EAST)
N: 414587.01' E: 772403.15'
STATE PLANE NAD 27 (N.M. EAST)
N: 414528.66' E: 773129.44'

NOTE:

- Distances referenced on plot to section line are perpendicular.
- Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°53'00"