

AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015 - 46697		2 Pool Code 98220		3 Pool Name Wildcat; Bonespring	
4 Property Code 315640		5 Property Name COTTONBERRY 20 FEDERAL COM		6 Well Number 8H	
7 OGRID No. 215099		8 Operator Name CIMAREX ENERGY CO.		9 Elevation 3137.6'	

### 11 Surface Location

UL or lot no. A	Section 20	Township 25S	Range 27E	Lot Idn	Feet from the 390	North/South line NORTH	Feet from the 701	East/West line EAST	County EDDY
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## "Bottom Hole Location If Different From Surface

UL or lot no. P	Section 20	Township 25S	Range 27E	Lot 1dn	Feet from the 330	North/South line SOUTH	Feet from the 660	East/West line EAST	County EDDY
<sup>12</sup> Dedicated Acres 160		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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.

**NAD 83 (SURFACE LOCATION)**  
 LATITUDE = 32°07'18.00" (32.121666)  
 LONGITUDE = 104°12'21.80" (104.206054)  
**NAD 27 (SURFACE LOCATION)**  
 LATITUDE = 32°07'15.56" (32.121543)  
 LONGITUDE = 104°12'20.01" (104.205559)  
 STATE PLANE NAD 83 (N.M. EAST)  
 N: 408021.29 E: 580740.34  
 STATE PLANE NAD 27 (N.M. EAST)  
 N: 407963.89 E: 539557.05

**NAD 83 (BHL/LTP)**  
 LATITUDE = 32°06'32.66" (32.109072)  
 LONGITUDE = 104°12'20.38" (104.205661)  
**NAD 27 (BHL/LTP)**  
 LATITUDE = 32°06'32.22" (32.108950)  
 LONGITUDE = 104°12'18.60" (104.205167)  
 STATE PLANE NAD 83 (N.M. EAST)  
 N: 403439.99 E: 580367.67  
 STATE PLANE NAD 27 (N.M. EAST)  
 N: 403382.68 E: 539684.30

LINE	DIRECTION	LENGTH
L1	S89°53'57"E	41.05'

**SCALE**  
 DRAWN BY: J.N. 04-09-19

**LEASE BOUNDARY**

**Detail "A"**  
 No Scale

**NOTE:**  
 Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W104°14'06.23"

**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: [Signature] Date: 5-16-19

**Hopé Knauls**  
 Printed Name  
 hknauls@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.  
 June 11, 2014  
 Date of Survey  
 Signature and Seal of Professional Surveyor:  
 [Seal of Paul Buchele, New Mexico Professional Surveyor, No. 23782, dated 04-09-19]

Certificate Number:

KS 2-10-20