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Phone: (575) 748-1283 Fax: (575) 748-9720  
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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

<sup>1</sup> API Number 30-025-45020		<sup>2</sup> Pool Code 53805	<sup>3</sup> Pool Name Sand Dunes; Bone Spring South
<sup>4</sup> Property Code 313485	<sup>5</sup> Property Name JAMES 19 FEDERAL		<sup>6</sup> Well Number 34H
<sup>7</sup> OGRID No. 215099	<sup>8</sup> Operator Name CIMAREX ENERGY CO.		<sup>9</sup> Elevation 3639.4'

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	19	23S	32E		390	NORTH	2310	EAST	LEA

<sup>11</sup> 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
O	19	23S	32E		102	SOUTH	2258	EAST	LEA
<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.

<sup>16</sup>

S89°38'06"W - 5486.45' (Meas.)

**NAD 83 (SURFACE HOLE LOCATION)**  
 LATITUDE = 32°17'46.19" (32.296164°)  
 LONGITUDE = 103°42'45.66" (103.712682°)  
**NAD 27 (SURFACE HOLE LOCATION)**  
 LATITUDE = 32°17'45.75" (32.296041°)  
 LONGITUDE = 103°42'43.91" (103.712197°)  
 STATE PLANE NAD 83 (N.M. EAST)  
 N: 472031.92' E: 733112.62'  
 STATE PLANE NAD 27 (N.M. EAST)  
 N: 471972.36' E: 691929.31'

LOT 1

LOT 2

LOT 3

LOT 4

SCALE  
DRAWN BY: S.F. 10-01-17  
REV: 3 R.J. 07-17-18 (SHL & BHL MOVE)

LINE TABLE		
LINE	DIRECTION	LENGTH
L1	N89°27'47"E	49.63'

● = SURFACE HOLE LOCATION  
 ○ = BOTTOM HOLE LOCATION/ LTP  
 ◇ = LANDING POINT/FTP  
 ▲ = SECTION CORNER LOCATED

S89°37'16"W - 5489.18' (Meas.)

**<sup>17</sup> 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: 4/23/2019

Printed Name: Fatima Vasquez

E-mail Address: fvasquez@cimarex.com

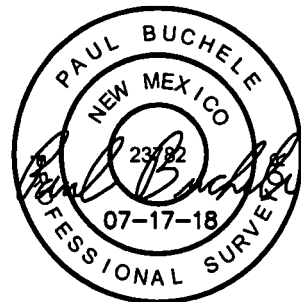
**<sup>18</sup> SURVEYOR CERTIFICATION**

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.

August 31, 2017

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number: