

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

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1 API Number 30-015-46691		2 Pool Code 96857		3 Pool Name Laguna Salado South Wildcat Bone Spring	
4 Property Code 327124		5 Property Name LAGUNA GRANDE 29 FEDERAL			
7 OGRID No. 162683		8 Operator Name CIMAREX ENERGY CO. OF COLORADO			6 Well Number 16H
					9 Elevation 2970.9'

UL or lot no. M	Section 29	Township 23S	Range 29E	Lot 1dn	Feet from the 390	North/South line SOUTH	Feet from the 1310	East/West line WEST	County EDDY
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UL or lot no. D	Section 29	Township 23S	Range 29E	Lot Idn :	Feet from the 100	North/South line NORTH	Feet from the 660	East/West line WEST	County EDDY
¹² Dedicated Acres 160		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

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● = SURFACE HOLE LOCATION
 ◇ = LANDING POINT/FIRST TAKE POINT
 ○ = BOTTOM HOLE LOCATION/
 LAST TAKE POINT
 ▲ = SECTION CORNER LOCATED
 △ = SECTION CORNER
 RE-ESTABLISHED.
 (Not Set on Ground.)

2000' 1000' 0'

SCALE

DRAWN BY: D.J.S. 10-29-18
 REV 1: 11-13-18 D.J.S.
 (BHL CHANGE)

LINE TABLE

LINE	DIRECTION	LENGTH
L1	N89°39'41"W	650.03'
L2	N89°39'54"W	2644.29'

29

N89°44'21"E 2607.48' (Meas.)

N89°48'14"E 2660.92' (Meas.)

N89°39'41"W 650.03' (Meas.)

N89°39'54"W 2644.29' (Meas.)

N88°30'04"W 2611.46' (Meas.)

S 1/4 Cor. Sec. 30

Re-Established By Double Proportion Method

NAD 83 (SURFACE HOLE LOCATION)
 LATITUDE = 32°16'10.81" (32.269671°)
 LONGITUDE = 104°00'40.62" (104.011284°)
 NAD 27 (SURFACE HOLE LOCATION)
 LATITUDE = 32°16'10.37" (32.269549°)
 LONGITUDE = 104°00'38.85" (104.010793°)
 STATE PLANE NAD 83 (N.M. EAST)
 N: 461988.51' E: 640875.80'
 STATE PLANE NAD 27 (N.M. EAST)
 N: 461929.25' E: 599692.44'

NAD 83 (BHL/LTP)
 LATITUDE = 32°16'58.41" (32.282890°)
 LONGITUDE = 104°00'48.21" (104.013393°)
 NAD 27 (BHL/LTP)
 LATITUDE = 32°16'57.97" (32.282768°)
 LONGITUDE = 104°00'46.44" (104.012901°)
 STATE PLANE NAD 83 (N.M. EAST)
 N: 466795.74' E: 640209.74'
 STATE PLANE NAD 27 (N.M. EAST)
 N: 466736.37' E: 599026.52'

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 11/15/18 Date

Aricka Easterling

Printed Name _____

aeasterling@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.

September 06, 2018

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



Certificate Number

KS 2-10-20