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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

API Number 30-085 46561	Pool Code 98220	Pool Name Purple Sage, Wolfcamp (Gas)
Property Code	Property Name TAR HEEL 19-18 FEDERAL COM	Well Number 2H
GRID No. 162683	Operator Name CIMAREX ENERGY CO.	Elevation 3017.5'

"Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 4	19	26S	30E		540	SOUTH	389	WEST	EDDY

"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
LOT 1	18	26S	30E		330	NORTH	756	WEST	EDDY
Dedicated Acres 640.92	Joint or Infill	Consolidation Code	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 HOLE LOCATION) LATITUDE = 32°01'19.30" (32.022027°) LONGITUDE = 103°59'40.65" (103.927959°) NAD 27 (SURFACE HOLE LOCATION) LATITUDE = 32°01'18.85" (32.021902°) LONGITUDE = 103°59'38.93" (103.927479°) STATE PLANE NAD 83 (N.M. EAST) N: 371987.95' E: 666969.18' STATE PLANE NAD 27 (N.M. EAST) N: 371930.56' E: 625783.15' NAD 83 (BHL/LTP) LATITUDE = 32°02'33.89" (32.048860°) LONGITUDE = 103°59'36.44" (103.926789°) NAD 27 (BHL/LTP) LATITUDE = 32°02'33.44" (32.048733°) LONGITUDE = 103°59'34.71" (103.926309°) STATE PLANE NAD 83 (N.M. EAST) N: 381730.29' E: 667194.86' STATE PLANE NAD 27 (N.M. EAST) N: 381692.69' E: 626109.10' NOTE: • Distances referenced on plat to section lines are perpendicular. • Basis of Bearing is a Transverse Mercator Projection with a Central Meridian of W103°37'00"	LINE TABLE <table border="1"> <thead> <tr> <th>LINE</th> <th>DIRECTION</th> <th>LENGTH</th> </tr> </thead> <tbody> <tr> <td>L1</td> <td>N89°45'55"E</td> <td>388.97'</td> </tr> </tbody> </table>	LINE	DIRECTION	LENGTH	L1	N89°45'55"E	388.97'	"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: <i>Hope Knauls</i> Date: 1-29-19 Printed Name: Hope Knauls E-mail Address: hknauls@cimarex.com
LINE	DIRECTION	LENGTH						
L1	N89°45'55"E	388.97'						
"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. November 19, 2018 Date of Survey: _____ Signature and Seal of Professional Surveyor: PAUL BUCHELE NEW MEXICO 2982 01-15-19 PROFESSIONAL SURVEYOR Certificate Number: _____								

RUP 12-27-19