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District IV
1220 S. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3468 Fax: (505) 476-3468

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

| | | |
|--|---|--|
| ¹ APN Number 30-0250-44359 | ² Pool Cdn. 98250 | ³ Pool Name Wildcat Wolfcamp |
| ⁴ Property Code 319775 | ⁵ Property Name VACA DRAW 20-17 FEDERAL | ⁶ Well Number 8H |
| ⁷ OGRID No. 215099 | ⁸ Operator Name CIMAREX ENERGY CO. | ⁹ Elevation 3423.0' |

¹⁰ Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| M | 20 | 25S | 33E | | 330 | SOUTH | 730 | WEST | LEA |

¹¹ 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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D | 17 | 25S | 33E | | 330 | NORTH | 1310 | WEST | LEA |

| | | | |
|--------------------------------------|-------------------------------|----------------------------------|-------------------------|
| ¹² Dedicated Acres 640 | ¹³ Joint or Infill | ¹⁴ Consolidation Code | ¹⁵ 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.

¹⁶ NOTE:
Distances referenced on plat to section lines are perpendicular.

| NAD 83 (SURFACE HOLE LOCATION) | |
|--|--|
| LATITUDE = 32°06'35.06" (32.109739) | |
| LONGITUDE = 103°36'01.76" (103.600489) | |
| NAD 27 (SURFACE HOLE LOCATION) | |
| LATITUDE = 32°06'34.61" (32.109614) | |
| LONGITUDE = 103°36'00.06" (103.600017) | |
| STATE PLANE NAD 83 (N.M. EAST) | |
| N: 404430.85 E: 768241.87 | |
| STATE PLANE NAD 27 (N.M. EAST) | |
| N: 404373.06 E: 727055.72 | |

| NAD 83 (BOTTOM HOLE LOCATION) | |
|--|--|
| LATITUDE = 32°08'13.02" (32.136950) | |
| LONGITUDE = 103°35'54.99" (103.598608) | |
| NAD 27 (BOTTOM HOLE LOCATION) | |
| LATITUDE = 32°08'12.57" (32.136825) | |
| LONGITUDE = 103°35'53.28" (103.598133) | |
| STATE PLANE NAD 83 (N.M. EAST) | |
| N: 414333.49 E: 768757.43 | |
| STATE PLANE NAD 27 (N.M. EAST) | |
| N: 414275.46 E: 727571.73 | |

| LINE TABLE | | |
|------------|-------------|---------|
| LINE | DIRECTION | LENGTH |
| L1 | N55°15'05"E | 704.83' |

SCALE
DRAWN BY: S.F. 01-20-17
REV: 1 04-12-17 S.F.
(ADDED BOTTOM HOLE)

○ = SURFACE HOLE LOCATION
○ = BOTTOM HOLE LOCATION
△ = SECTION CORNERS LOCATED
◇ = LANDING POINT

Diagram showing well location plat with sections 17 and 20. Surface hole (SHL) and bottom hole (BHL) locations are marked. Bearings and distances are provided for all boundaries and internal lines. A landing point (LP) is also indicated.

" 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.

A Easterling 1/19/17
Signature Date

Aricka Easterling
Printed Name

aeasterling@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.

January 19, 2017
Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number: