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District IV
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

¹ API Number 30-015-42410		² Pool Code 96610	³ Pool Name Empire;Glorieta-Yeso, East
⁴ Property Code 313307	⁵ Property Name PASSION 1 FEDERAL COM PDK		⁶ Well Number 5H
⁷ OGRID No. 229137	⁸ Operator Name COG OPERATING, LLC		⁹ Elevation 3682'

¹⁰ Surface Location

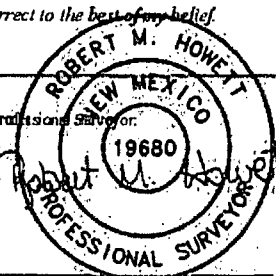
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	1	17-S	29-E		1910	SOUTH	180	EAST	EDDY

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
L	1	17-S	29-E		2270	SOUTH	371	WEST	EDDY

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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 4 39.97 AC. CORNER DATA NAD 27 - NM EAST A: BRASS CAP "1914" N 675322.5 - E 591200.5 B: BRASS CAP "1914" N 677961.6 - E 591198.9 C: BRASS CAP "1914" N 677961.9 - E 596474.4 D: BRASS CAP "1914" N 675324.2 - E 596474.6 E: BRASS CAP "1914" N 675326.5 - E 593844.9 F: CALCULATED POINT N 677961.7 - E 593840.4 G: CALCULATED POINT N 676642.0 - E 591199.7 H: CALCULATED POINT N 676642.5 - E 593842.7		³ 40.00 AC. GEODETIC DATA NAD 27 - NM EAST SURFACE LOCATION N 677233.9 E 596294.5 LAT: 32.86141° N LONG: 104.01973° W BOTTOM HOLE LOCATION N 677630.9 E 591529.0	² 39.99 AC. ¹ 39.99 AC. 17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that the organization either owns a working interest or undivided 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. <i>C Jackson</i> 1/7/15 Signature Date Chasity Jackson Printed Name cjackson@concho.com E-mail Address
18 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. 12/6/12 Date of Survey Signature and Seal of Professional Surveyor:  19680 Certificate Number Revised: 10/9/14 BH & Well No.		DETAIL "A" 