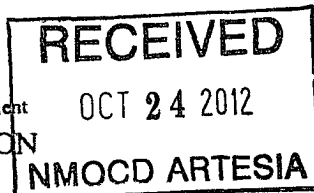


DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240  
DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210  
DISTRICT III  
1000 RIO BRAZOS RD., AZTEC, NM 87410  
DISTRICT IV  
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

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



Form C-102  
Revised July 16, 2010  
Submit to Appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

*As Drilled*

API Number 30-015-39287	Pool Code 96718	Pool Name Loco Hills, Glorieta, Yeso
Property Code 37967	Property Name <b>CARMEN 3 FEDERAL COM</b>	Well Number <b>5H</b>
OGRID No. 229137	Operator Name <b>COG OPERATING, LLC</b>	Elevation 3726'

**Surface Location**

UL or lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4	3	17-S	30-E		990	NORTH	330	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
1	3	17-S	30-E		823	NORTH	340.34'	EAST	EDDY
Dedicated Acres 159.32	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

<p>LOT 4</p> <p>990'</p> <p>330'</p> <p>39.76 AC</p>	<p>LOT 3</p> <p>39.81 AC.</p>	<p>LOT 2</p> <p>39.85 AC.</p>	<p>LOT 1</p> <p>323'</p> <p>990'</p> <p>330'</p> <p>340'</p> <p>39.90 AC.</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>B. Maiorino</i> 10/22/12 Signature Date</p> <p>Brian Maiorino Printed Name</p> <p>bmaiorino@concho.com E-mail Address</p>
<p>GRID. AZ. ~89°49'16"</p> <p>HORZ. DIST. ~4621.6'</p>				
<p><b>DETAIL</b></p> <p>3720.9' 3729.7'</p> <p>600'</p> <p>3721.8' 3728.9'</p>				
<p><b>GEODETIC COORDINATES</b></p> <p>NAD 27 NME</p> <p>SURFACE LOCATION</p> <p>Y=679660.7 N</p> <p>X=612547.2 E</p>				
<p>LA1 = 32.867933' N</p> <p>LONG. = 103.966778' W</p>				
<p><b>BOTTOM HOLE LOCATION</b></p> <p>Y=679675.1 N</p> <p>X=617167.7 E</p>				
<p><b>SECTION, QUARTER &amp; SIXTEENTH CORNER COORDINATES</b></p> <p>Ⓐ - Y=680649.3, X=612213.5</p> <p>Ⓑ - Y=679338.0, X=612218.4</p> <p>Ⓒ - Y=680658.1, X=614853.2</p> <p>Ⓓ - Y=680665.8, X=617494.8</p> <p>Ⓔ - Y=679342.8, X=617498.5</p>				
<p><b>SURVEYOR CERTIFICATION</b></p> <p>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.</p> <p>AUGUST 25, 2010</p> <p>Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor:</p> <p><i>Ronald J. Eidson</i></p> <p>RONALD J. EIDSON NEW MEXICO 3239</p> <p>Certificate Number Gary G. Eidson 12641 Ronald J. Eidson 3239</p> <p>LA TWSC W.O. 11 13 1963</p>				