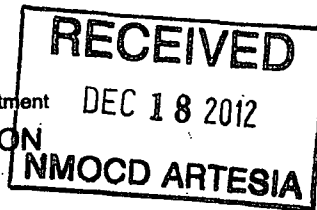


DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240
DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210
DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410
DISTRICT IV
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

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 30-015-40197	Pool Code 96836	Pool Name Red Lake;Glorieta-Yeso, Northeast
Property Code 302565	Property Name SPRUCE FEDERAL	Well Number 3
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3596'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	25	17-S	27-E		1328	SOUTH	1501	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
K	25	17-S	27-E		2108	SOUTH	1570	WEST	EDDY

Dedicated Acres 40	Joint or Infill	Consolidation Code	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

<p>Y=656584.8 N X=529901.1 E</p> <p>Y=656577.2 N X=531221.8 E</p> <p>Y=655258.5 N X=531226.9 E</p> <p>Y=655267.1 N X=529904.6 E</p> <p>Y=653949.1 N X=529908.0 E</p> <p>Y=653939.2 N X=531231.9 E</p> <p>1570'</p> <p>1501'</p> <p>2108'</p> <p>1328'</p> <p>OB.H.</p> <p>S.L.</p> <p>SEE DETAIL</p> <p>GRID AZ = 24°50'20"</p> <p>HORZ. DIST. = 353.6'</p>	<p>DETAIL</p>	<p>OPERATOR CERTIFICATION</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>[Signature]</i> 12/17/12 Signature Date</p> <p>Brian Maiorino Printed Name</p> <p>bmaiorino@concho.com E-mail Address</p>
	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=655275.5 N X=530082.9 E</p> <p>LAT. = 32.801403° N LONG. = 104.235429° W</p> <p>BOTTOM HOLE LOCATION Y=655596.3 N X=530231.4 E</p>	<p>SURVEYOR CERTIFICATION</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>JUNE 8, 2011</p>
	<p>Date of Survey</p> <p>Signature & Seal of Professional Surveyor:</p>	<p>Certificate Number Gary G. Eidson 12641 Ronald J. Eidson 3239</p> <p>DSS JWSC W.O.: 11.11.0800</p>