

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 and Natural Resources Department

OIL CONSERVATION DIVISION
11885 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-37830	Pool Code 96718	Pool Name Loco Hills; Glorieta, Yeso
Property Code 302440	Property Name HARVARD FEDERAL	Well Number 20
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3755'

Surface Location

UL or lot No. E	Section 12	Township 17-S	Range 30-E	Lot Idn	Feet from the 2035	North/South line NORTH	Feet from the 1035	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

UL or lot No. E	Section 12	Township 17-S	Range 30-E	Lot Idn	Feet from the 2263	North/South line NORTH	Feet from the 934	East/West line WEST	County EDDY
Dedicated Acres 40	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>SEE DETAIL</p> <p>S.L.</p> <p>B.H.</p> <p>GRID AZ. = 189°07'10"</p> <p>HORIZ. DIST. = 278.6'</p> <p>2035'</p> <p>1035'</p> <p>934'</p> <p>3747.3'</p> <p>3757.1'</p> <p>3753.0'</p> <p>3762.8'</p> <p>600'</p> <p>600'</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><u>Netha Aaron</u> 3/25/11 Signature Date</p> <p>Netha Aaron Printed Name</p>
<p>GEODETTIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=673384.6 N X=623832.8 E</p> <p>LAT.=32.850569° N LONG.=103.930101° W</p> <p>BOTTOM HOLE LOCATION Y=673109.6 N X=623788.6 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> GARY G. EIDSON FEBRUARY 9, 2010 Date Surveyed Signature & Seal of 12641 Professional Surveyor</p> <p><u>Gary G. Eidson</u> 2/25/10 09.11.1281</p> <p>Certificate No. GARY G. EIDSON 12641 RONALD J. EIDSON 3239</p>