

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
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

FEB 20 2009

Form C-104
Revised June 10, 2003
Submit to Appropriate District Office
5 Copies

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address COG Operating LLC 550 W. Texas Avenue, Suite 1300 Midland, TX 79701		² OGRID Number 229137
		³ Reason for Filing Code/ Effective Date NW effec 01/01/2009
⁴ API Number 30 - 015 - 35961	⁵ Pool Name Loco Hills Glorieta Yeso	⁶ Pool Code 96718
⁷ Property Code 302440	⁸ Property Name Harvard Federal	⁹ Well Number 012

II. ¹⁰ Surface Location

UL or lot no. A	Section 11	Township 17S	Range 30E	Lot.Idn	Feet from the 700	North/South Line North	Feet from the 700	East/West line East	County Eddy
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¹¹ Bottom Hole Location

UL or lot no. A	Section 11	Township 17S	Range 30E	Lot Idn	Feet from the 354	North/South line North	Feet from the 345	East/West line East	County Eddy
¹² Lse Code F	¹³ Producing Method Code P	¹⁴ Gas Connection Date 01/01/09	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
15694	Navajo Refining Co. Pipeline Division P O Box 159 Artesia, NM 88211-0159	0104198	O	
009171	Frontier	0104199	G	

IV. Produced Water

²³ POD 0104200	²⁴ POD ULSTR Location and Description
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V. Well Completion Data

²⁵ Spud Date 11/23/08	²⁶ Ready Date 01/01/09	²⁷ TD 6086	²⁸ PBSD 6040	²⁹ Perforations 5060 - 5800	³⁰ DHC, MC ✓
³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement		
17 ½	13 3/8	417	475 sx		
11	8 5/8	1325	600 sx		
7 7/8	5 ½	6085	1000 sx		
	2-7/8 tbg	5569			

VI. Well Test Data

³⁵ Date New Oil 01/04/09	³⁶ Gas Delivery Date 01/04/09	³⁷ Test Date 01/14/09	³⁸ Test Length 24 hrs	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
⁴¹ Choke Size	⁴² Oil 93	⁴³ Water 465	⁴⁴ Gas 61	⁴⁵ AOF	⁴⁶ Test Method P

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Phyllis A. Edwards

Title:

Regulatory Analyst

E-mail Address:

pedwards@conchoresources.com

Date:

02/19/09

Phone:

432-685-4340

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

3/11/09

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 80240

State of New Mexico
Energy, Minerals and Natural Resources Department.

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

OIL CONSERVATION DIVISION
1220 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 30-015-35961	Pool Code 96718	Pool Name LOCO HILLS; GLORIETA-YESO
Property Code 302440	Property Name HARVARD FEDERAL	Well Number 12
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3745'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	11	17-S	30-E		700	NORTH	700	EAST	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
A	11	17-S	30-E		354	NORTH	345	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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>BOTTOM HOLE LOCATION Y=675086.1 N X=622462.8 E</p>	<p>GRID. AZ.=45°16'32" HORZ. DIST.=524.1'</p>	<p>SEE 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>Phyllis A. Edwards</i> 2/19/09 Signature Date</p> <p>Phyllis A. Edwards Printed Name</p> <p>Regulatory Analyst</p>
<p>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=674713.8 N X=622094.1 E</p>	<p>DETAIL</p> <p>3758.5' 3759.9' 600' 600' 3748.3' 3748.7'</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>SEPTEMBER 20, 2007</p> <p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <p>RONALD J. EIDSON Professional Surveyor 339 67.11.0987 10/03/07</p> <p>Certificate No. 12641 RONALD EIDSON 3239</p>