

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



COB
12 wells

ADMINISTRATIVE APPLICATION CHECKLIST

Eddy Co

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]**
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]**
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]**
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]**
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]**
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

- [D] Other: Specify _____

Folk Federal Battery
 NM-0397623

JUN 17 A 11:15
 RECEIVED OGD

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

KANICIA CARRILLO _____ REGULATORY ANALYST _____ 5/25/10
 Print or Type Name Signature Title Date

PC-1224

kcarrillo@conchoresources.com
 e-mail Address



June 16, 2010

New Mexico Oil Conservation Division
Surface Commingling
Attn: Richard Ezeanyim
1220 South St. Francis Drive
Santa Fe, NM 87505

Re: Request Surface Commingling for:

Folk Federal Battery
Eddy County, NM
NMNM0397623
Sec 17, T17S, R29E, Unit N

RECEIVED 000
2010 JUN 17 AM 11:15

Dear Mr. Ezeanyim:

COG Operating LLC respectfully requests approval for a Surface Commingle on the following wells:

Producing wells:

Folk Federal #1	Folk Federal #2	Folk Federal #3	Folk Federal #4
Folk Federal #6	Folk Federal #7	Folk Federal #8	Folk Federal #9
Folk Federal #10	Folk Federal #11	Folk Federal #12	Folk Federal #13

12 wells

Permitted, Not Drilled wells:

Folk Federal #5	Folk Federal #36	Folk Federal #38	Folk Federal #41
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Waiting on Permit wells:

Folk Federal #14	Folk Federal #17	Folk Federal #20	Folk Federal #21
Folk Federal #24	Folk Federal #26	Folk Federal #28	Folk Federal #29
Folk Federal #31	Folk Federal #32	Folk Federal #33	Folk Federal #35

We are planning to recomplete a couple of these wells to the Grayburg Jackson; SR-Q-G-SA, 28509. They are currently producing from the Empre; Glorieta-Yeso, East, 96610. Commingling will not reduce the value of the production. We have 100% ownership in this well and zones and there are no interest owners to notify.

COG Operating LLC plans to continue to test through heater treaters and separators and make the allocations on well tests. There are no off lease wells producing to this facility so off lease production is not a concern. The current system configuration is that of commonly accepted oil field practice for testing producing oil wells.



The reserves in the Grayburg and San Andres reservoirs are not as high as the Yeso and so the financial burden off constructing a tank battery and rerouting flowlines to handle their production alone has a strongly negative impact on the project economics – such that it would require high oil prices to maintain this work. However by being allowed to make use of the current flowlines and current facility, COG is able to produce these reserves in a lower price oil environment. COG also believes that a surface commingle will reduce the surface impact on the existing lease by not requiring us to reroute flowlines and increase the size of the pad for the existing battery or construct a new pad on undisturbed ground.

I have attached a diagram of our battery facility, a map with lease boundaries showing all well and facility locations, a list of lease names, well numbers and API numbers, C-102's, a certified statement by COG landman stating that ownership is common in both pools.

Please contact me at 432-685-4332 if you have any questions or concerns.

Sincerely,

COG Operating LLC

A handwritten signature in black ink, appearing to read "K. Carrillo".

Kanicia Carrillo
Regulatory Analyst
kcarrillo@conchoresources.com

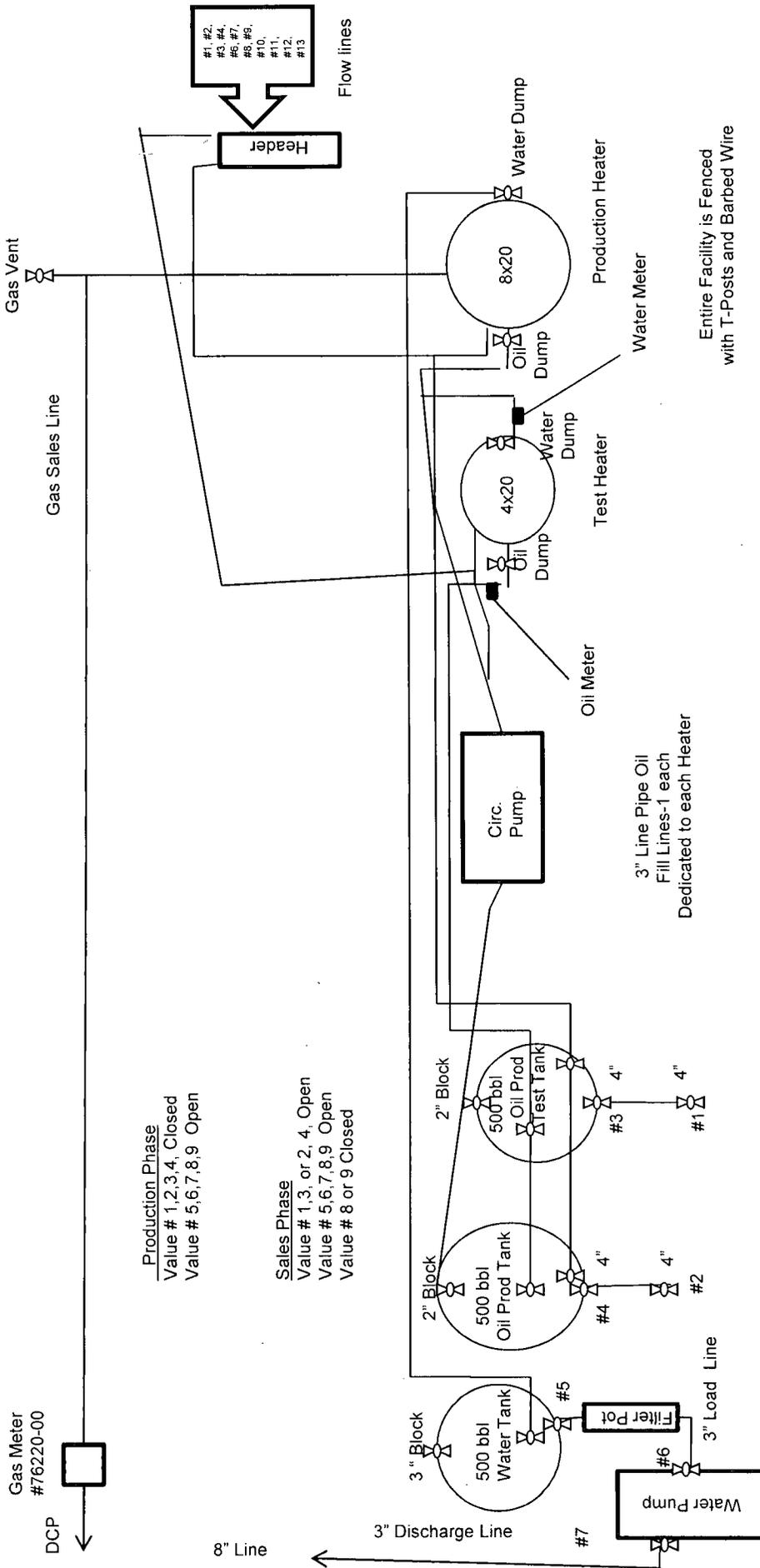
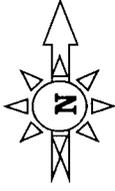
COG OPERATING LLC

550 W. Texas Ave Ste 1300 Midland, Texas 79701
 (432)-683-7443

September 2008

FOLK FEDERAL TANK BATTERY

Sec 17-T17S - R29E, Unit H
 EDDY COUNTY, NM
 NMNM0397623



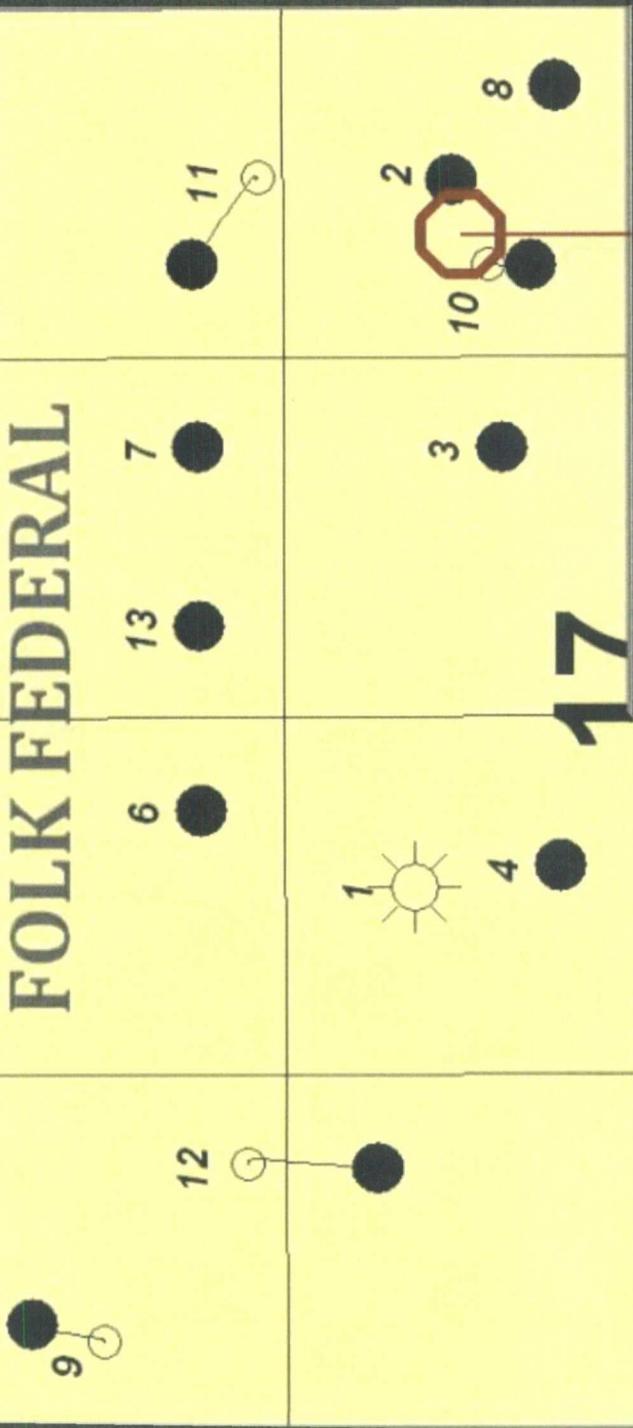
Production Phase
 Value # 1,2,3,4, Closed
 Value # 5,6,7,8,9 Open

Sales Phase
 Value # 1,3, or 2, 4, Open
 Value # 5,6,7,8,9 Open
 Value # 8 or 9 Closed

3" Line Pipe Oil
 Fill Lines-1 each
 Dedicated to each Heater

Entire Facility is Fenced
 with T-Posts and Barbed Wire

FOLK FEDERAL



17

Folk Federal Tank Battery

FOLK ST



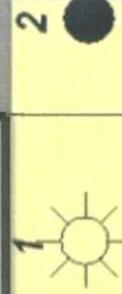
Folk Federal Lease # NMNM-0397623

Folk Federal Battery

SENE, Sec 17, 17S, 29E, Unit H

Eddy County, New Mexico

FOLK ST



20

10

2

7

14

Affidavit of Fact

STATE OF TEXAS §

COUNTY OF MIDLAND §

Affiant on Oath swears that the following statements are true:

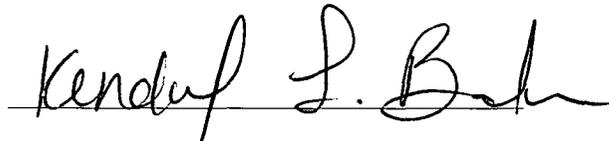
My name is Stuart Dirks. I am Senior Landman for COG Operating LLC. I am familiar with the ownership of the Folk Federal No. 1 (API 30-015-35727), Folk Federal No. 2 (API 30-015-20198), Folk Federal No. 3 (API 30-015-27295), Folk Federal No. 4(API 30-015-35728), Folk Federal No. 6 (API 30-015-36172), Folk Federal No. 7 (API 30-015-36171), Folk Federal No. 8 (API 30-015-36170), Folk Federal No. 9 (API 30-015-36169), Folk Federal No. 10 (API 30-015-36862), Folk Federal No. 11 (API 30-015-36890), Folk Federal No. 12 (API 30-015-36864), and Folk Federal No. 13 (API 30-015-36863), all of which are situated in Section 17, Township 17 South, Range 29 East, Eddy County, New Mexico. I hereby confirm that the working interests and royalty interests in these wells are common.

Affiant



Stuart A. Dirks

SUBSCRIBED AND SWORN TO before me on the 26th day of May, 2010.



Notary Public, State of Texas

STATE OF TEXAS §

COUNTY OF MIDLAND §

This instrument was acknowledged before me on this 26th day of May, 2010, by Stuart A. Dirks, Notary Public for the State of Texas.



Notary Public, State of Texas



State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I
1625 N. FRENCH DR., ROBBS, 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

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 30-015-35727	Pool Code 96610	Pool Name Empire Yeso, East
Property Code 302495	Property Name FOLK FEDERAL	Well Number 1
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3647'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	17	17-S	29-E		1650	SOUTH	990	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

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>GEODETIC COORDINATES NAD 27 NME Y=666367.7 N X=571097.2 E LAT.=32.831717° N LONG.=104.101870° W</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>K. Carrillo</i> 5/27/10 Signature Date Kanicia Carrillo Printed Name</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 MAY 25 2010 Date Surveyed JR Signature & Seal of Professional Surveyor <i>Gary G. Eidson</i> 5/24/10 07-13-0669</p> <p>Certificate No. GARY EIDSON 12841</p>

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 Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-20198		² Pool Code 28509		³ Pool Name Grayburg Jackson SR; Queen Grayburg SA	
⁴ Property Code 302495		⁵ Property Name Folk Federal			⁶ Well Number 2
⁷ OGRID No. 229137		⁸ Operator Name COG OPERATING LLC			⁹ Elevation 3596.1

¹⁰ Surface Location

UL or lot no. H	Section 17	Township 17S	Range 29E	Lot Idn	Feet from the 1980	North/South line North	Feet from the 660	East/West line East	County Eddy
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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
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¹² Dedicated Acres 40	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

	¹⁷ OPERATOR CERTIFICATION
	<i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>
	Signature Kanicia Carrillo Printed Name Regulatory Analyst Title and E-mail Address 5/25/10 Date
	¹⁸ SURVEYOR CERTIFICATION
	<i>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.</i>
	Date of Survey Signature and Seal of Professional Surveyor:
	Certificate Number

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 Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
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Submit to Appropriate District Office
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-27295		² Pool Code 28509		³ Pool Name Grayburg Jackson SR; Queen Grayburg SA	
⁴ Property Code 302495		⁵ Property Name Folk Federal			⁶ Well Number 3
⁷ OGRID No. 229137		⁸ Operator Name COG OPERATING LLC			⁹ Elevation 3611.9

¹⁰ Surface Location

UL or lot no. G	Section 17	Township 17S	Range 29E	Lot Idn	Feet from the 2160	North/South line North	Feet from the 1650	East/West line East	County Eddy
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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
¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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>¹⁷ OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p>Signature </p> <p>Printed Name Kanicia Carrillo</p> <p>Title and E-mail Address Regulatory Analyst</p> <p>Date 5/25/10</p>
	<p>¹⁸ SURVEYOR CERTIFICATION <i>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.</i></p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p>
	<p>Certificate Number</p>

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I
1620 N. FRENCH DR., ROBBS, NM 86340

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 86210

DISTRICT III
1000 Rio Brazos Rd., AsteC, 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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-35728	Pool Code 96610	Pool Name Empire Glorieta Yeso, East
Property Code	Property Name FOLK FEDERAL	Well Number 4
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3634'

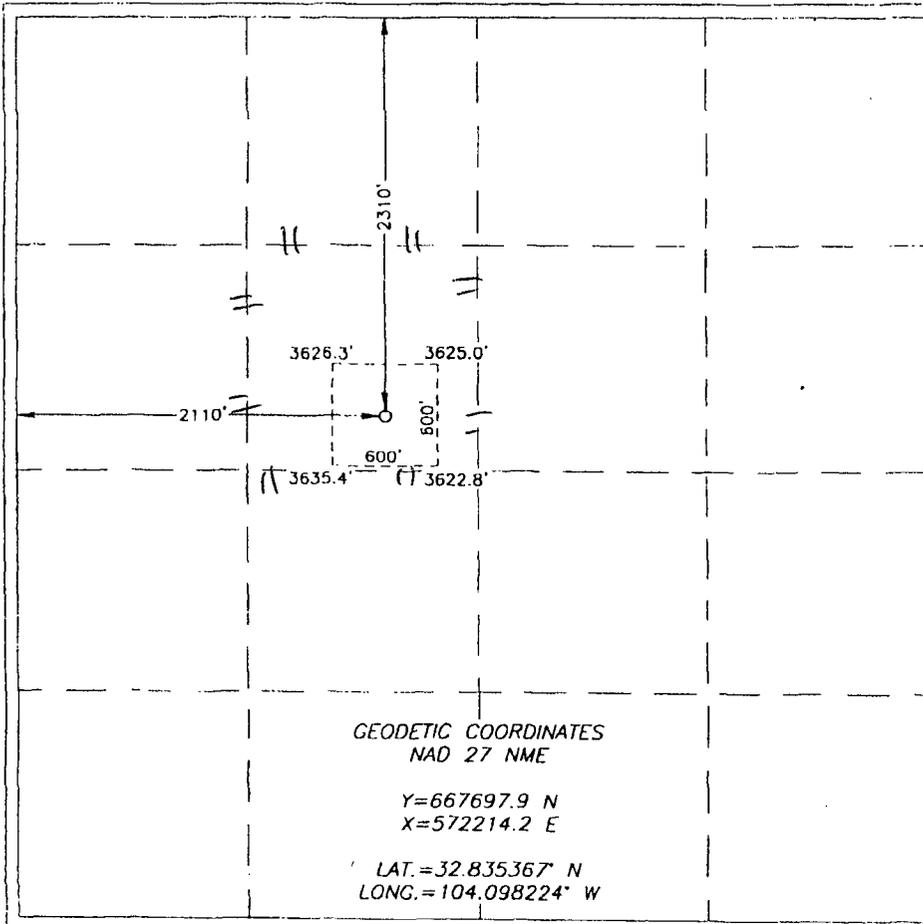
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	17	17-S	29-E		2310	NORTH	2110	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
Dedicated Acrea 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



OPERATOR CERTIFICATION

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.

K.C. 5/27/10
Signature Date
Kancica Carrillo
Printed Name

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.

DATE SURVEYED
SIGNATURE OF SURVEYOR
PROFESSIONAL SURVEYOR
GARY EDSON JR
12641
07.11.0670

Certificate No. GARY EDSON 12641

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I
1625 N FRENCH DR., HOBBBS, NM 88240

DISTRICT II
1301 W GRAND AVENUE, ARTRESIA, 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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015- 36747	Pool Code 96610	Pool Name EMPIRE; YESO, EAST
Property Code 302495	Property Name FOLK FEDERAL	Well Number 5
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3655'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	17	17-S	29-E		1250	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
E	17	17-S	29-E		1650	NORTH	330	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

DETAIL

3655.6' 3643.9'

600'

600'

3673.6' 3659.8'

S.L.

SEE DETAIL

GRID AZ. = 179°53'25"

HORZ. DIST. = 400.0'

B.H.

BOTTOM HOLE LOCATION
Y=668354.9 N
X=570433.2 E

GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y=668755.3 N
X=570432.5 E

LAT. = 32 838284' N
LONG. = 104.104017' W

OPERATOR CERTIFICATION

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.

Phyllis A. Edwards 5-13-08
Signature Date

Phyllis A. Edwards
Printed Name

Regulatory Analyst

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.

MARY G. EIDSON
Date Surveyed: MARCH 10, 2008
Signature & Seal of Professional Surveyor
REV. 5/6/08
Mary G. Eidson 3/27/08
08130713

Certificate No. GARY EIDSON 12641
RONALD J. EIDSON 3239

OCT 05 2009

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

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DISTRICT I

1020 N. FRANCH DR., BOBBS, 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 87506

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.

Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-36172	Pool Code 96610	Pool Name EMPIRE; YESO, EAST
Property Code 302495	Property Name FOLK FED	Well Number 6
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3616'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	17	17-S	29-E		990	NORTH	2310	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

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

GEODETTIC COORDINATES
NAD 27 NME
Y=669017.8 N
X=572411.5 E
LAT.=32.838994° N
LONG.=104.097572° W

OPERATOR CERTIFICATION

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.

Phyllis A. Edwards 11-9-07
Signature Date

Phyllis A. Edwards
Printed Name
Regulatory Analyst

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.

OCTOBER 9, 2007
Date Surveyed AR

Signature & Seal of Professional Surveyor
Ronald J. Eidson
07.11.1375

Certificate No. 12841
RONALD J. EIDSON 3239

DISTRICT I
1825 N. FRENCH DR., HOBBBS, NM 86240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 86210

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 and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-36171	Pool Code 96610	Pool Name EMPIRE; GLORIETA-YESO
Property Code 302495	Property Name FOLK FED	Well Number 7
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3607'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	17	17-S	29-E		990	NORTH	1650	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

Dedicated Acres 4.0	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>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>Chasity Jackson</i> 07/30/09 Signature Date Chasity Jackson Printed Name</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>OCTOBER 8, 2007 Date Surveyed AR Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 11/07/07 07.11.1376</p> <p>Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3238</p>

GEODETTIC COORDINATES
NAD 27 NME

Y=669019.2 N
X=573739.3 E

LAT.=32.838989° N
LONG.=104.093249° W

DISTRICT I
1626 N. FRENCH DR., ROBBES, NM 86240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 86210

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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Submit to Appropriate District Office
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DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-36170	Pool Code 96610	Pool Name Empire; Glorieta-Yeso, East
Property Code 302495	Property Name FOLK FED	Well Number 8
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3593'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	17	17-S	29-E		2310	NORTH	330	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

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>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>Kanicia Carrillo</i> 04/21/09 Signature Date</p> <p>Kanicia Carrillo Printed Name</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>OCTOBER 8, 2007 Date Surveyed AR</p> <p>Signature & Seal of Professional Surveyor <i>Ronald J. Eidson</i> 11/12/07 07.11.1377</p>
	<p>GEODTIC COORDINATES NAD 27 NME</p> <p>Y=667700.7 N X=575062.2 E</p> <p>LAT.=32.835357° N LONG =104.088952° W</p>
	<p>Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3230</p>

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I
1625 N. FRENCH DR., HOHNS, NM 88240

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

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

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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DISTRICT IV WELL LOCATION AND ACREAGE DEDICATION PLAT AMENDED REPORT

API Number 30-015-36169		Pool Code 96610	Pool Name EMPIRE; YESO
Property Code 302495	Property Name FOLK FED		Well Number 9
GRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3644'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	17	17-S	29-E		630	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
D	17	17-S	29-E		374	NORTH	277	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>B.H. 277 S.L. 330 SEE DETAIL</p> <p>GRID AZ. = 359°52'26" HORIZ. DIST. = 300.0'</p> <p>DETAIL 3642.3' 3637.1' 600' 3654.8' 3643.7'</p> <p>BOTTOM HOLE LOCATION Y=669674.6 N X=570430.6 E</p> <p>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=669374.6 N X=570431.2 E LAT. = 32.839986° N LONG. = 104.104017° W</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>Chasity Jackson</i> 11/11/09 Signature Date</p> <p>Chasity Jackson Printed Name</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>OCTOBER 30, 2007 Date Surveyed REV: 11/08/07 AR Signature & Seal of Professional Surveyor</p>
	<p>07.11.1378</p>
	<p>Certificate No. GARY EIDSON 12841 RONALD J. EIDSON 3239</p>

RM

State of New Mexico

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
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DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-36862	Pool Code 96610	Pool Name Empire; Glorieta Yeso
Property Code 302495	Property Name FOLK FEDERAL	Well Number 10
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3602'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	17	17-S	29-E		2065	NORTH	990	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
H	17	17-S	29-E		2216	NORTH	988	EAST	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

DETAIL

3602.4' 3598.7'

600' S.L. O

600'

3604.9' 3596.2'

2216' 2065'

SEE DETAIL

S.L. 990'

B.H. 988'

GRID AZ. = 179°51'22"
HORZ. DIST. = 145.0'

GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y=667945.0 N
X=574401.7 E
LAT.=32.836032° N
LONG.=104.091100° W

BOTTOM HOLE LOCATION
Y=667800.1 N
X=574402.1 E

OPERATOR CERTIFICATION

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.

Chasity Jackson 8-14-09
Signature Date

Chasity Jackson
Printed Name

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.

RONALD J. EIDSON
OCTOBER 17 2008
Date Surveyed TIME REV. 10/23/08 JC

Signature & Seal of Professional Surveyor
Ronald J. Eidson 10/23/08

Certificate No. GARY EIDSON 12641
RONALD J. EIDSON 3239

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I
1625 N. FRENCH DR., HOBBS, NM 58240

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

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

DISTRICT IV
1820 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, 2006
Submit to Appropriate District Office
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WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-36890	Pool Code 96610	Pool Name Empire; Yeso
Property Code 302495	Property Name FOLK FEDERAL	Well Number 11
OCRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3603'

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	17	17-S	29-E		1220	NORTH	660	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	17	17-S	29-E		977	NORTH	984	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

GRID AZ. = 304'47'51"
HORZ. DIST. = 402.4'

GEODETIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y=668790.2 N
X=574729.5 E
LAT.=32.838353° N
LONG.=104.090027° W

BOTTOM HOLE LOCATION
Y=669019.8 N
X=574399.1 E

OPERATOR CERTIFICATION

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.

Chasity Jackson 1.4.10
Signature Date
Chasity Jackson
Printed Name

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.

RONALD J. EIDSON
OCTOBER 17, 2008
Date Surveyed, REV. 10/13/08 JC
Signature & Seal of Professional Surveyor
Ronald J. Eidson 10/23/08
08-11-1424

Certificate No. GARY EIDSON 12841
RONALD J. EIDSON 3239

DISTRICT I
1026 N. FRANCES DR., DOBBS, NM 88240

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
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WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-36864	Pool Code 96610	Pool Name EMPIRE; GLORIETA YESO, EAST
Property Code 302495	Property Name FOLK FEDERAL	Well Number 12
OGRID No. 221937	Operator Name COG OPERATING, LLC	Elevation 3642'

Surface Location:

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	17	17-S	29-E		1160	NORTH	990	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
E	17	17-S	29-E		11634	NORTH	980	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

SEE DETAIL

S.L.

B.H.

GRID AZ. = 179°52'52"
HORZ. DIST. = 490.0'

DETAIL

3642.8' 3631.7'

600'

3656.8' 3640.9'

990'

1160'

1634'

980'

GEODETTIC COORDINATES
NAD 27 NME
SURFACE LOCATION
Y=668845.9 N
X=571092.1 E
LAT.=32.838529° N
LONG.=104.101869° W
BOTTOM HOLE LOCATION
Y=668356.0 N
X=571093.1 E

OPERATOR CERTIFICATION

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.

Chasity Jackson 09/30/09
Signature Date
Chasity Jackson
Printed Name

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.

RONALD J. EIDSON
OCTOBER 17, 2008
Date Surveyed REV. 10/23/08 JC
Signature & Seal of Professional Surveyor
Ronald J. Eidson 10/23/08
108.11.1425

Certificate No. GARY EIDSON 12041
RONALD J. EIDSON 3239

State of New Mexico

Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-36863	Pool Code 96610	Pool Name Empire; Glorieta Yeso, East
Property Code 302495	Property Name FOLK FEDERAL	Well Number 13
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3612'

Surface Location

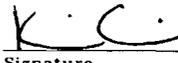
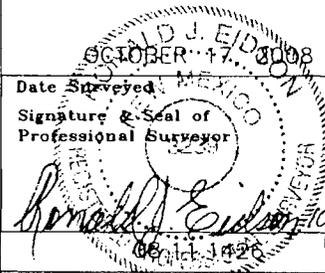
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	17	17-S	29-E		990	NORTH	2310	EAST	EDDY

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

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 align="center">OPERATOR CERTIFICATION</p> <p><i>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.</i></p> <p align="right">  4/30/10 Signature Date Kanicia Carrillo Printed Name </p>
	<p align="center">SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p align="right"> Date Surveyed: OCTOBER 17, 2008 JC Signature & Seal of Professional Surveyor  Ronald J. Eidson 10/27/08 </p>
	<p align="center"> GEODETIC COORDINATES NAD 27 NME Y=669018.8 N X=573079.4 E LAT.=32.838992' N LONG.=104.095397' W </p>
	<p>Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239</p>

State of New Mexico

DISTRICT I
1525 N. FRENCH DR., HOBBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

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

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Revised October 12, 2005
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DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-37246		Pool Code 96610	Pool Name EMPIRE; G LORIENTA YESO, EAST
Property Code 302495	Property Name FOLK FEDERAL		Well Number 36
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3633'

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	17	17-S	29-E		1520	SOUTH	1550	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

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>GEODETIC COORDINATES NAD 27 NME Y=666236.5 N X=571657.3 E LAT.=32.831353° N LONG.=104.100048° W</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> 7/16/09 Signature Date</p> <p>PHYLLIS A. EDWARDS Printed Name</p> <p>REGULATORY ANALYST</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>Date Surveyed: JUNE 03, 2009</p> <p>Signature & Seal of Professional Surveyor: <i>Ronald J. Eidson</i></p>
	<p>Certificate No. GARY EIDSON 12841 RONALD J. EIDSON 3239</p>

State of New Mexico

Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015- 37516		Pool Code 96610	Pool Name EMPIRE; GLORIETA-YESO, EAST
Property Code 302495	Property Name FOLK FEDERAL		Well Number 38
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3619'

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	17	17-S	29-E		1500	SOUTH	2310	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

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>GEODETTIC COORDINATES NAD 27 NME Y=666214.6 N X=572417.1 E LAT.=32.831288° N LONG.=104.097574° W</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>Robyn Odom</i> 8/24/2009 Signature Date Robyn Odom Printed Name</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>RONALD J. EIDSON Professional Surveyor Date Surveyed: 8/24/09 Signature: & Seal: [Seal]</p>
	<p>Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239</p>

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I
1025 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 80210

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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

AMENDED REPORT

API Number 30-015-37413	Pool Code 96610	Pool Name EMPIRE; GLORIETA-YESO, EAST ✓
Property Code 302495	Property Name FOLK FEDERAL	Well Number 41
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3660'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	17	17-S	29-E		2540	SOUTH	400	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
L	17	17-S	29-E		2310	SOUTH	330	WEST	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>SEE DETAIL</p> <p>400' S.L.</p> <p>330' B.H.</p> <p>GRID. AZ. = 196°49'50"</p> <p>HORZ. DIST. = 240.2'</p> <p>2310'</p> <p>2540'</p> <p>3665.4'</p> <p>3660.6'</p> <p>600'</p> <p>3650.3'</p> <p>3661.2'</p>	<p>GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=667258.9 N X=570505.5 E</p> <p>LAT.=32.834170° N LONG.=104.103790° W</p> <p>BOTTOM HOLE LOCATION Y=667029.0 N X=570436.0 E</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>Robyn Odum</i> 11/11/2009 Signature Date Robyn Odum Printed Name</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>RONALD J. EIDSON NOVEMBER 5, 2009 Date Surveyed LA</p> <p><i>Ronald J. Eidson</i> Signature & Seal Professional Surveyor</p> <p>09-11-0967</p>	<p>Certificate No. GARY RIDSON 12641 RONALD J. EIDSON 3238</p>

COG Operating, LLC is requesting approval for surface commingling from the following formation(s) and well(s):

Federal Lease No. NMNM0397623

Well Name	API No.	Loc: <u>1/4 1/4 Sec. Twp. Rng.</u>	Formation	BOPD	Oil Gravity	MCFPD	BTU
Folk Federal #1	3001535727	SENW, Sec 17, T17S, R29E, Unit L	Empire; Glorieta-Yeso, East, 96610	17	39.4	62	1547
Folk Federal #2	3001520198	SENE, Sec 17, T17S, R29E, Unit H	Grayburg Jackson; SR-Q-G-SA, 28509	2	38.4	5	1497
Folk Federal #3	3001527295	SWNE, Sec 17, T17S, R29E, Unit G	Grayburg Jackson; SR-Q-G-SA, 28509	10	38.0	4	1497
Folk Federal #4	3001535728	SENW, Sec 17, T17S, R29E, Unit F	Empire; Glorieta-Yeso, East, 96610	5	39.4	12	1547
Folk Federal #6	3001536172	NENW, Sec 17, T17S, R29E, Unit C	Empire; Glorieta-Yeso, East, 96610	85	39.4	81	1547
Folk Federal #7	3001536171	NWNE, Sec 17, T17S, R29E, Unit B	Empire; Glorieta-Yeso, East, 96610	33	39.4	46	1547
Folk Federal #8	3001536170	SENE, Sec 17, T17S, R29E, Unit H	Empire; Glorieta-Yeso, East, 96610	33	39.4	87	1547
Folk Federal #9	3001536169	NWNW, Sec 17, T17S, R29E, Unit D	Empire; Glorieta-Yeso, East, 96610	41	39.4	57	1547
Folk Federal #10	3001536862	SENE, Sec 17, T17S, R29E, Unit H	Empire; Glorieta-Yeso, East, 96610	38	39.4	54	1547
Folk Federal #11	3001536890	NENE, Sec 17, T17S, R29E, Unit A	Empire; Glorieta-Yeso, East, 96610	58	39.4	73	1547
Folk Federal #12	3001536864	NWNW, Sec 17, T17S, R29E, Unit D	Empire; Glorieta-Yeso, East, 96610	40	39.4	25	1547
Folk Federal #13	3001536863	NWNE, Sec 17, T17S, R29E, Unit B	Empire; Glorieta-Yeso, East, 96610	104	39.4	109	1547

The storage and measuring facility is located at SENE 1/4, Sec. 17, T 17 S, R 29 E, on Lease No. NMNM0397623, Eddy, New Mexico. BLM will be notified if there is any future change in the facility location.

Details of the proposed method for allocating production to contributing sources are as follows:

COG Operating, LLC
Folk Federal Lease# NMNM0397623, Eddy County, New Mexico

Well Name	Location	API Number	Producing Pool	Proposed Pool	Test Date	BOPD	Corr Gravity	MCFPD	BTU	BWPD	GOR	
Producing wells:												
Folk Federal #1	SENW, Sec 17, T17S, R29E, Unit L	3001535727	Empire; Glorieta-Yeso, East, 96610	Grayburg Jackson;SR-Q-G-SA, 28509	4/10/2010	17	39.4	62	1547	120	3647	
Folk Federal #2	SENE, Sec 17, T17S, R29E, Unit H	3001520198	Grayburg Jackson;SR-Q-G-SA, 28509		5/15/2010	2	38.4	5	1479	3	2500	
Folk Federal #3	SWNE, Sec 17, T17S, R29E, Unit G	3001527295	Grayburg Jackson;SR-Q-G-SA, 28509		5/15/2010	10	38.0	4	1479	8	400	
Folk Federal #4	SENW, Sec 17, T17S, R29E, Unit F	3001535728	Empire; Glorieta-Yeso, East, 96610	Grayburg Jackson;SR-Q-G-SA, 28509	2/3/2010	5	39.4	12	1547	25	2400	
Folk Federal #6	NENW, Sec 17, T17S, R29E, Unit C	3001536172	Empire; Glorieta-Yeso, East, 96610		4/8/2010	85	39.4	81	1547	789	953	
Folk Federal #7	NWNE, Sec 17, T17S, R29E, Unit B	3001536171	Empire; Glorieta-Yeso, East, 96610		4/14/2010	33	39.4	46	1547	882	1393	
Folk Federal #8	SENE, Sec 17, T17S, R29E, Unit H	3001536170	Empire; Glorieta-Yeso, East, 96610		5/16/2010	33	39.4	87	1547	510	2636	
Folk Federal #9	NWNNW, Sec 17, T17S, R29E, Unit D	3001536169	Empire; Glorieta-Yeso, East, 96610		5/14/2010	41	39.4	57	1547	402	1390	
Folk Federal #10	SENE, Sec 17, T17S, R29E, Unit H	3001536862	Empire; Glorieta-Yeso, East, 96610		5/11/2010	38	39.4	54	1547	280	1421	
Folk Federal #11	NENE, Sec 17, T17S, R29E, Unit A	3001536890	Empire; Glorieta-Yeso, East, 96610		5/8/2010	58	39.4	73	1547	312	1258	
Folk Federal #12	NWNNW, Sec 17, T17S, R29E, Unit D	3001536864	Empire; Glorieta-Yeso, East, 96610		5/15/2010	40	39.4	25	1547	520	625	
Folk Federal #13	NWNE, Sec 17, T17S, R29E, Unit B	3001536863	Empire; Glorieta-Yeso, East, 96610		5/5/2010	104	39.4	109	1547	1320	1048	

Permitted, Not Drilled wells:

Folk Federal #5	Sec 17, T17S, R29E, Unit D	3001536747	Empire; Glorieta-Yeso, East, 96610
Folk Federal #36	Sec 17, T17S, R29E, Unit K	3001537246	Empire; Glorieta-Yeso, East, 96610
Folk Federal #38	Sec 17, T17S, R29E, Unit K	3001537516	Empire; Glorieta-Yeso, East, 96610
Folk Federal #41	Sec 17, T17S, R29E, Unit L	3001537413	Empire; Glorieta-Yeso, East, 96610

Waiting on Permit wells:

Folk Federal #14	Sec 17, T17S, R29E, Unit A		Empire; Glorieta-Yeso, East, 96610
Folk Federal #17	Sec 17, T17S, R29E, Unit B		Empire; Glorieta-Yeso, East, 96610
Folk Federal #20	Sec 17, T17S, R29E, Unit C		Empire; Glorieta-Yeso, East, 96610
Folk Federal #21	Sec 17, T17S, R29E, Unit C		Empire; Glorieta-Yeso, East, 96610
Folk Federal #24	Sec 17, T17S, R29E, Unit D		Empire; Glorieta-Yeso, East, 96610
Folk Federal #26	Sec 17, T17S, R29E, Unit E		Empire; Glorieta-Yeso, East, 96610
Folk Federal #28	Sec 17, T17S, R29E, Unit F		Empire; Glorieta-Yeso, East, 96610
Folk Federal #29	Sec 17, T17S, R29E, Unit F		Empire; Glorieta-Yeso, East, 96610
Folk Federal #31	Sec 17, T17S, R29E, Unit G		Empire; Glorieta-Yeso, East, 96610
Folk Federal #32	Sec 17, T17S, R29E, Unit G		Empire; Glorieta-Yeso, East, 96610
Folk Federal #33	Sec 17, T17S, R29E, Unit H		Empire; Glorieta-Yeso, East, 96610
Folk Federal #35	Sec 17, T17S, R29E, Unit K		Empire; Glorieta-Yeso, East, 96610

Ezeanyim, Richard, EMNRD

From: Kanicia Castillo [KCarrillo@conchoresources.com]
Sent: Wednesday, July 21, 2010 11:22 AM
To: Ezeanyim, Richard, EMNRD
Subject: Folk Federal Battery Surface Commingle
Attachments: Folk Federal Battery Commingle C-103.pdf

Hi Richard,

I have attached the C-103 you requested. I will be out of the office the rest of the day. If you need additional information please e-mail me and I will make sure you get it ASAP. (I always check my e-mail and I will have someone get you what you need.)

Thank you,

Kanicia Castillo

Regulatory Analyst

COG OPERATING LLC

550 W. Texas Avenue, Suite 100

Midland, Texas 79701

p.432.685.4332

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