

PTGW

ABOVE THIS LINE FOR DIVISION USE ONLY

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



C06 229137

Gisler Fed. #47

ADMINISTRATIVE APPLICATION CHECKLIST

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

6463

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 _____

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

RECEIVED OOD
 2011 AUG 8 CA 1134

[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.

Kelly J. Holly Print or Type Name	 Signature	Permitting Tech Title	8-5-11 Date
(432) 685-4384 Phone Number	kholly@conchoresources.com E-mail Address		

**Gissler Federal #47
Eddy County, NM**

COG proposes to drill a Vertical, NENW, 40 acre spacing
Loco Hills; Glorieta-Yeso oil well
TD of approximately 5900'

Location:

235' FNL & 1687' FWL

Sec 5, T17S, R30E, Unit 3

This well had to be drilled at a non-standard location due to a buried pipeline.

The plan for this well is to complete it in the Yeso formation.

We won't know the exact perms until we drill & log it, but it will be very similar to the Electra Federal #10 which was recently drilled in January 2007 and is located 765' FSL 2310' FWL, Section 10, T17S, R30E, Unit N.

The Electra Federal #10 completion divided the Yeso up into 3 perf/stimulation intervals. At this time, we believe the Electra Federal #13 should be very similar.

Electra Federal #10 has perms from: 4920' – 5848.5' overall, with the following breakdown:

1st interval: 5567' – 5848.5',
acidized w/ 2500 gals,
frac'd w/ 95,103 gals gel, 8321# LiteProp, & 85,970# 16/30 sand.

2nd interval: 5192.5' – 5475.5',
acidized w/ 2500 gals,
frac'd w/ 97,107 gals gel, 8215# LiteProp, & 87,106# 16/30 sand.

3rd interval: 4920' – 5107',
acidized w/ 2500 gals,
frac'd w/ 94,099 gals gel, 8448# LiteProp, & 87,526# 16/30 sand.

Attachment 1

Plat & Map

Attachment 2

Map & legend of offset wells.

Attachment 3

Updated land plat showing COG Operating LLC acreage.

The acreage we are encroaching on is the SW/4 SW/4 and SE/4 SW/4 of Sec
32. -165-30E

Offset acreage is owned by Conoco Phillips and Christine & James Thompson
Jr..

(copy of notice to Conoco Phillips and Christine & James Thompson Jr.)

COG Operating LLC respectfully requests permission to have this NSL approved.

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

API Number 30-015	Pool Code 96718	Pool Name <i>undesignated</i> Loco Hills; Glorieta-Yeso
Property Code 302499	Property Name GISSLER FEDERAL	
OGRID No. 229137	Operator Name COG OPERATING, LLC	
		Well Number 47
		Elevation 3717'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	5	17-S	30-E		235	NORTH	1687	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			

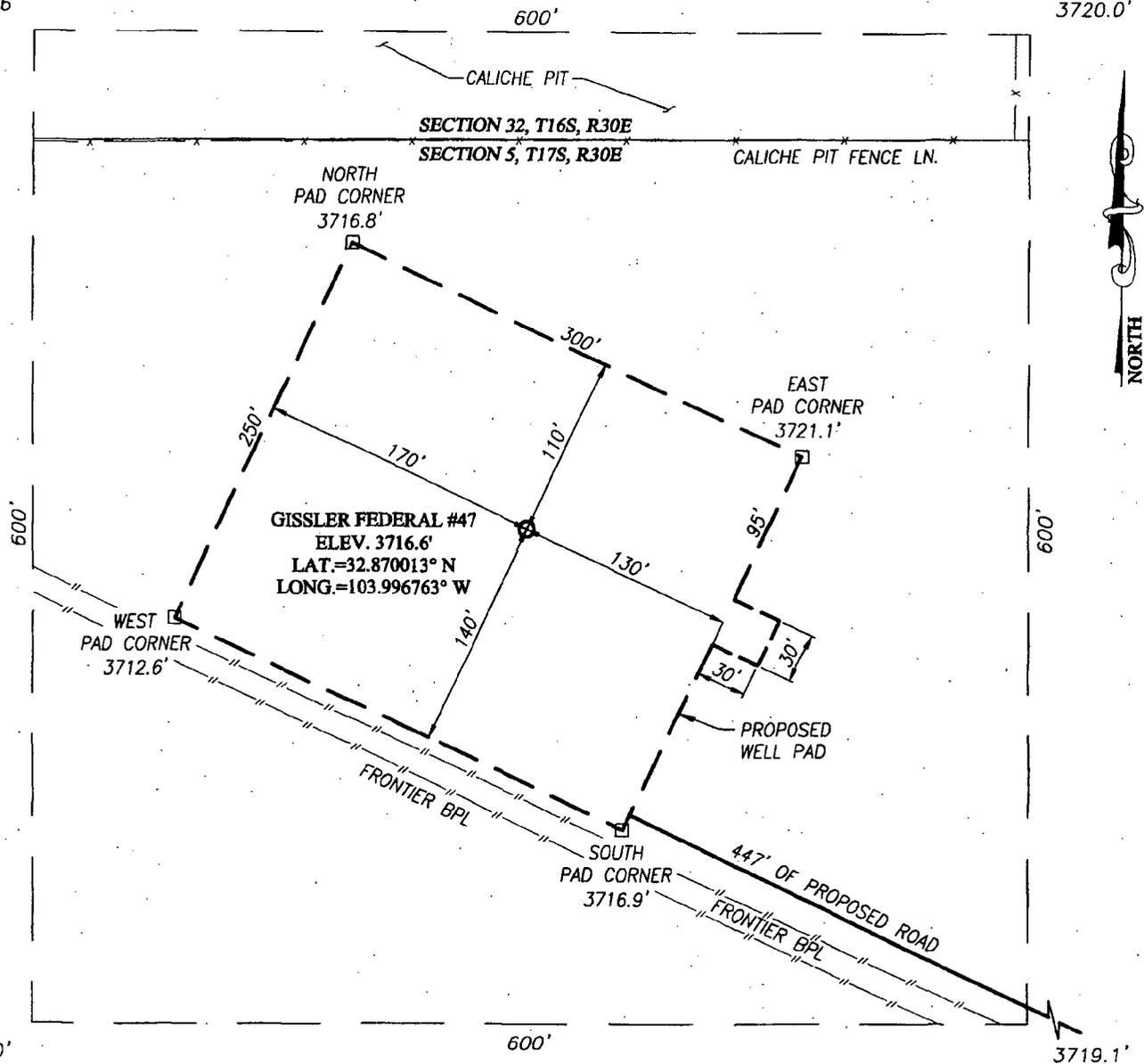
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<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>KJH</i> 6-29-11 Signature Date</p> <p>Kelly J. Holly Printed Name</p> <p>kholly@conchoresources.com E-mail Address</p>
<p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=680386.7 N X=603338.1 E</p> <p>LAT.=32.870013' N LONG.=103.996763' W</p> <p>DETAIL 3709.6' 3720.0' 600' 3707.0' 3719.1'</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 13, 2011</p> <p>Date of Survey Signature of Seal of Professional Surveyor: <i>Ronald J. Eidson</i></p> <p>NEW MEXICO 3239 REPLACES GARY C. EIDSON 2/22/2011</p> <p>Certificate Number Gary C. Eidson 12641 Ronald J. Eidson 3239</p> <p>DSS JWSC W.O.: 11.11.0776</p>

SECTION 5, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO

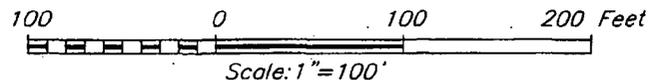
3709.6'

3720.0'



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CO. RD. #217 (HAGERMAN CUTOFF) AND CO. RD. #257 (MALLET RD.), GO SOUTH ON CO. RD. #217 APPROX. 0.3 MILES. TURN RIGHT AND GO WEST APPROX. 0.4 MILES. TURN RIGHT AT PROPOSED ROAD SURVEY STAKES AND FOLLOW NORTHWEST APPROX. 0.3 MILES TO THIS LOCATION.



PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO
 HOBBS, N.M. 88240
 (575) 393-3117

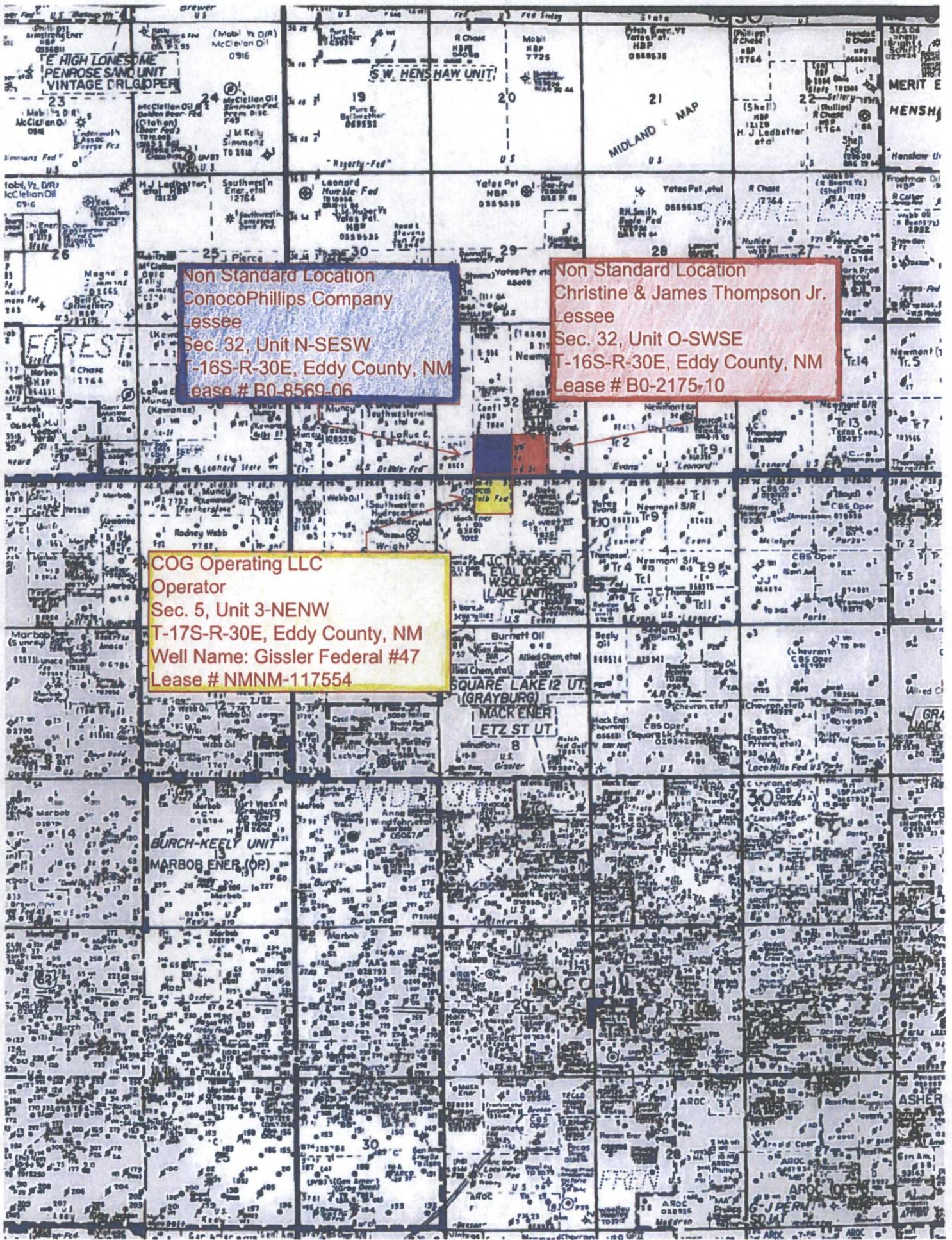
COG OPERATING, LLC

GISSLER FEDERAL #47 WELL
 LOCATED 235 FEET FROM THE NORTH LINE
 AND 1687 FEET FROM THE WEST LINE OF SECTION 5,
 TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO

Survey Date: 6/13/11	Sheet 1 of 1 Sheets.
W.O. Number: 11.11.0776	Dr By: DSS
Date: 6/21/11	Rev 1: N/A
11110776	Scale: 1"=100'

Producing Wells in Sec 5, T17S, R30E, Eddy County

API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Avg. (BO/D)
30-015-04088		EVANS	001	EDDY	S:5, T:17S, R:30E		O	Active	Feb 1947	Oct 1978	0.29
30-015-22456	COG OPERATING LLC	GISSLER FEDERAL	001	EDDY	S:5, T:17S, R:30E	11,150	O	Pumping	Aug 1990	Mar 2009	0.55
30-015-22456	COG OPERATING LLC	GISSLER FEDERAL	001	EDDY	S:5, T:17S, R:30E	11,150	O	Pumping	Jan 2008	Apr 2011	0.67
30-015-35975	MACK ENERGY CORP	RED BLUFF FEDERAL	1	EDDY	S:5, T:17S, R:30E	5,830	O	Active Permit	Mar 2008	Apr 2011	2.20
30-015-04090		DEKALB FEDERAL	005	EDDY	S:5, T:17S, R:30E		O	Active	May 1959	Dec 1963	3.39
30-015-37155	COG OPERATING LLC	GISSLER FEDERAL	29	EDDY	S:5, T:17S, R:30E	6,008	O	Active Permit	Sep 2009	Apr 2011	5.93



Non Standard Location
 ConocoPhillips Company
 Lessee
 Sec. 32, Unit N-SESW
 T-16S-R-30E, Eddy County, NM
 Lease # B0-8569-06

Non Standard Location
 Christine & James Thompson Jr.
 Lessee
 Sec. 32, Unit O-SWSE
 T-16S-R-30E, Eddy County, NM
 Lease # B0-2175-10

COG Operating LLC
 Operator
 Sec. 5, Unit 3-NENW
 T-17S-R-30E, Eddy County, NM
 Well Name: Gissler Federal #47
 Lease # NMNM-117554

J. THOMPSON
 ETAL OPER
 W SQUARE
 LAKE UNIT
 (GRAYBURG)

BURCH-KEELY UNIT
 MARBOB ENER (OP)

MACK ENER
 LETZ ST UT

ASHER

AROC OPER
 C-J PERM

**COG OPERATING LLC
550 W. TEXAS, SUITE 1300
MIDLAND, TX 79701**

July 28, 2011

Conoco – Phillips
Mid-Continent Business Unit
3300 North A Street, Bldg 6
Midland, TX 79705

Re: Request for Unorthodox Well Location

To Whom It May Concern:

This letter will serve as notice under Rule 104.F (3) that COG Operating LLC has requested administrative approval from the Oil Conservation Division in Santa Fe, NM for an unorthodox Loco Hills: Glorieta Yeso oil well.

**GISSLER FEDERAL #47
Eddy County, NM
235' FNL & 1687' FWL Sec 5, T17S, R30E**

Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may allow COG to produce from the unorthodox location after the well is drilled, if no objection has been made within the 20 days after the application has been received.

Sincerely,

COG Operating LLC



Kelly J. Holly
Permitting Tech

432-685-4384
kholly@concho.com

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>X <i>R Pratt</i></p> <p>B. Received by (Printed Name) <i>R PRATT</i> C. Date of Delivery <i>7-29-11</i></p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p>
<p>1. Article Addressed to:</p> <p style="text-align: center;">Conoco - Phillips Mid-Continent Business Unit 3300 N A Street, Bldg 6 Midland, TX 79705</p>	<p>3. Service Type</p> <p><input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail</p> <p><input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise</p> <p><input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p style="text-align: center;">91 7199 9991 7030 4014 4023</p>
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>	

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TX 79701

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COG Operating LLC
ATTN: KELLY HOLLY
550 W Texas Suite 1300
Midland, TX 79701

**COG OPERATING LLC
550 W. TEXAS, SUITE 1300
MIDLAND, TX 79701**

July 28, 2011

Christine & James Thompson Jr.
325 NORTH ST. PAUL, SUITE 4300
DALLAS, TX 75201

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<p>1. Article Addressed to:</p> <p style="text-align: center;">Christine & James Thompson Jr. 325 NORTH ST. PAUL, SUITE 4300 DALLAS, TX 75201</p>	<p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
<p>2. Article Number (Transfer from service label)</p>	<p style="text-align: center;">91 7199 9991 7030 4014 4092</p>
<p>PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540</p>	

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COG Operating LLC
ATTN: KELLY HOLLY
550 W Texas Suite 1300
Midland, TX 79701

