

DATE IN 9-14-11	SUSPENSE	ENGINEER DB	LOGGED IN 9.15.11	TYPE NSL	APP NO. 1125857699
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P TG W

ABOVE THIS LINE FOR DIVISION USE ONLY

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



COG  
 Disler Fed # 44

**ADMINISTRATIVE APPLICATION CHECKLIST**

6985

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 \_\_\_\_\_

E-5-175-30E  
 302499  
 Eddy Fed.  
 302499

[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

[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  
 (432) 685-4384  
 Phone Number

Signature

Permitting Tech  
 Title  
 kholly@conchoresources.com  
 E-mail Address

9-13-11  
 Date

**Gissler Federal #44  
Eddy County, NM**

COG proposes to drill a Vertical, SW/4 NE/4, 40 acre spacing  
Loco Hills; Glorieta-Yeso oil well  
TD of approximately 5900'

Location:  
1638' FNL & 330' FWL                      Sec 5, T17S, R30E, Unit E

**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:

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

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

3<sup>rd</sup> 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 NW/4 NW/4 of Sec 5 and NE/4 NE/4  
of Sec 6.

Offset acreage is owned by Elliott Hall Co, Elliott Industries Ltd, and Sonosky  
Marvin.

(copy of notice to Elliott Hall Co, Elliott Industries Ltd, and Sonosky Marvin is  
attached)

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 <del>96718</del> 97866	Pool Name <del>Loco Hills; Glorieta-Yeso</del> <i>Max-Loce</i>
Property Code 302499	Property Name GISSLER FEDERAL	Well Number 44
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3699'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	5	17-S	30-E		1638	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

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

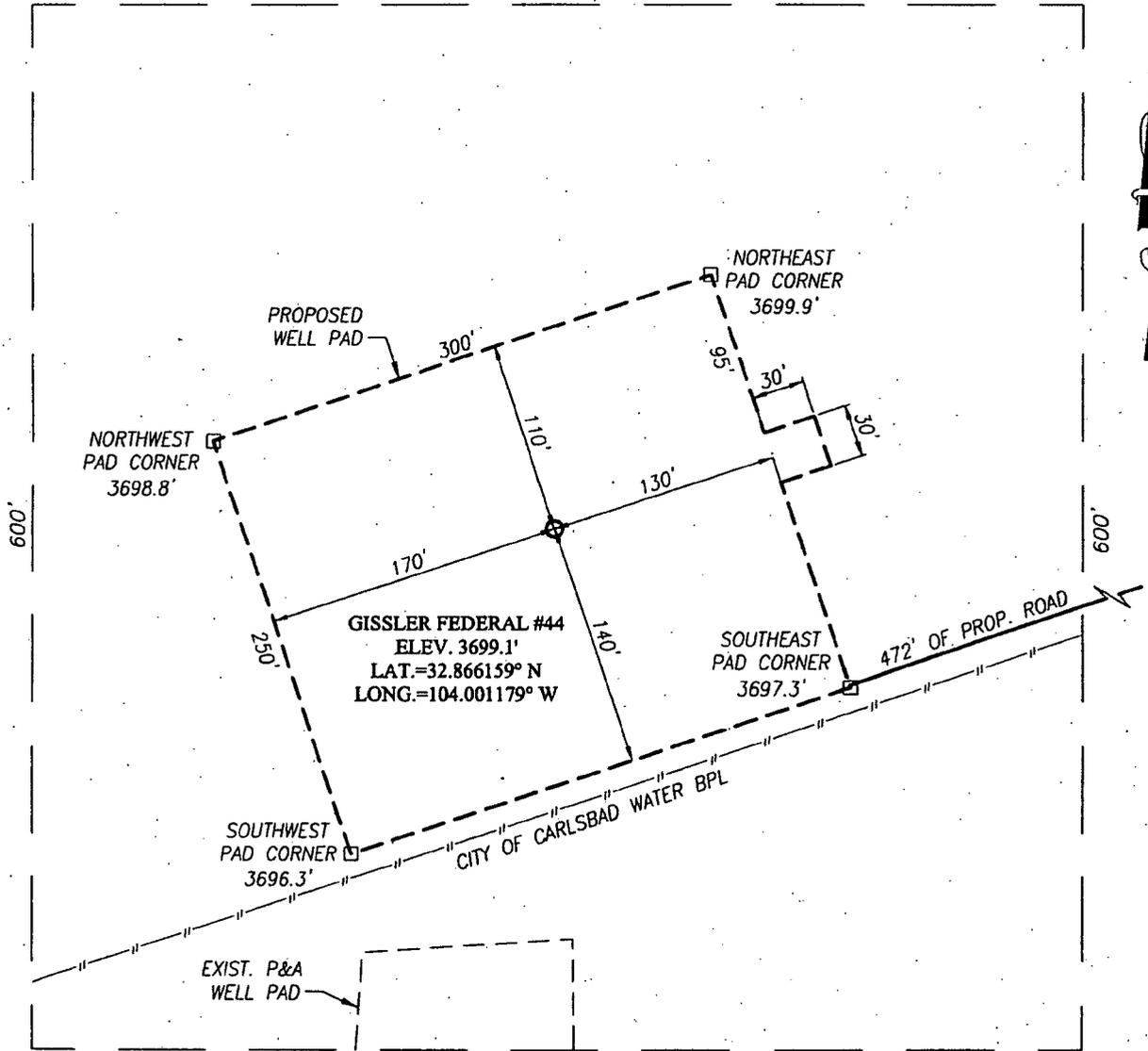
<p>LOT 4 39.41 AC.</p> <p>LOT 3 39.43 AC.</p> <p>LOT 2 39.45 AC.</p> <p>LOT 1 39.47 AC.</p> <p>1638'</p> <p>330'</p> <p>SEE DETAIL</p> <p>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=678980.3 N X=601986.5 E</p> <p>LAT.=32.866159° N LONG.=104.001179° W</p> <p>DETAIL</p> <p>3699.6' 3701.8'</p> <p>600'</p> <p>600'</p> <p>3694.7' 3695.7'</p>	<p><b>OPERATOR CERTIFICATION</b></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>Kelly J. Holly</i> 7-13-11 Signature Date</p> <p>Kelly J. Holly Printed Name</p> <p>kholly@conchoresources.com E-mail Address</p>
	<p><b>SURVEYOR CERTIFICATION</b></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 30, 2011</p> <p>Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor:</p> <p></p> <p>Certificate Number Gary S. Eidson 12641 Ronald F. Eidson 3239</p> <p>DSS WSC W.O.: 11.11.0773</p>

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

3699.6'

600'

3701.8'



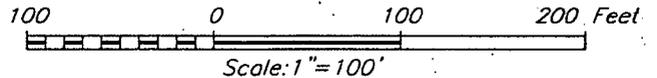
3694.7'

600'

3695.7'

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. 0.6 MILES TO THE GISSLER FEDERAL UNIT #45 WELL PAD. FROM THE SOUTHEAST CORNER OF THE WELL PAD, GO SOUTHWEST APPROX. 0.3 MILES TO THE GISSLER FEDERAL UNIT #21 WELL PAD. FOLLOW PROPOSED ROAD SURVEY STAKES SOUTHWEST APPROX. 472 FEET 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**

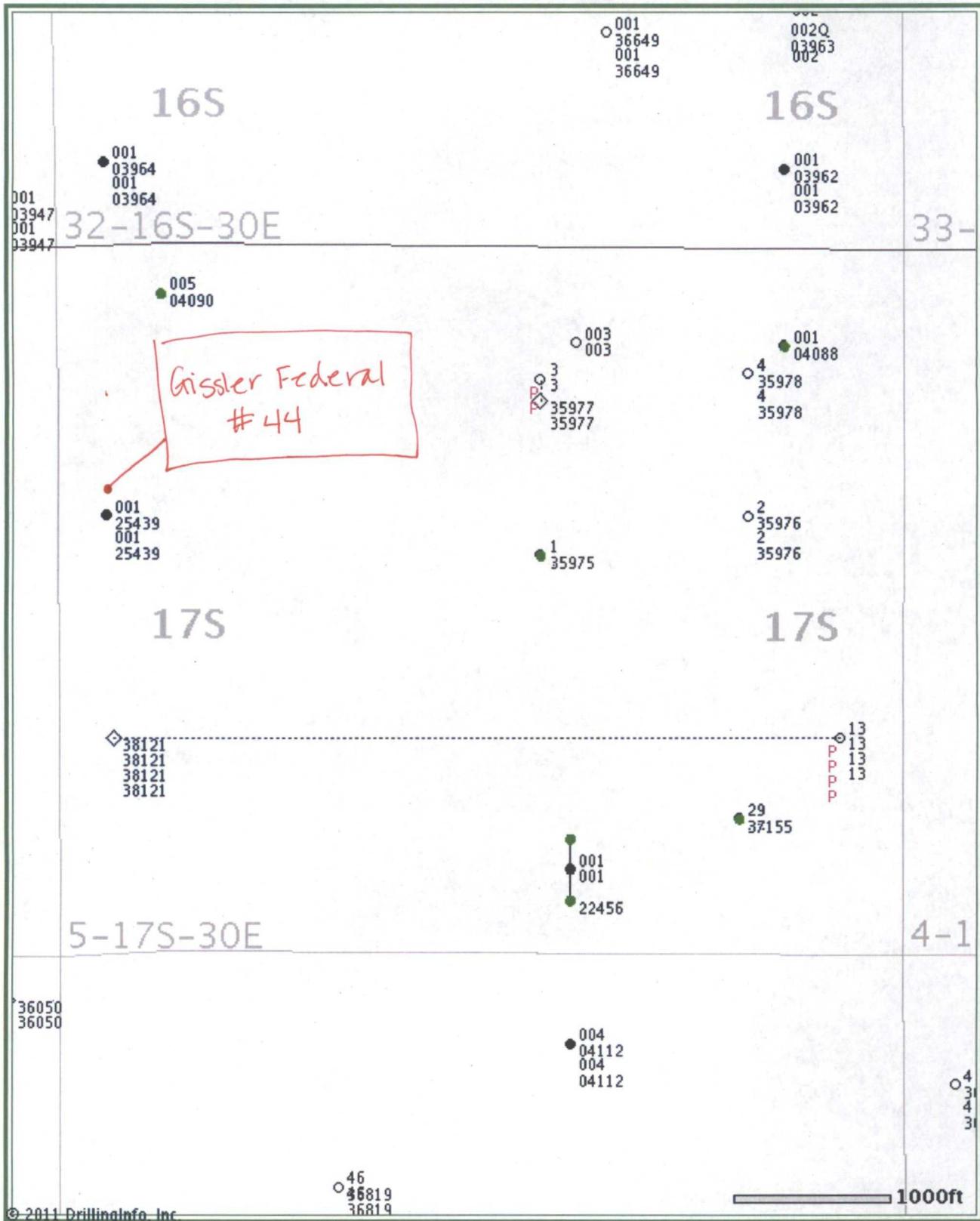
GISSLER FEDERAL #44 WELL  
LOCATED 1638 FEET FROM THE NORTH LINE  
AND 330 FEET FROM THE WEST LINE OF SECTION 5,  
TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO

Survey Date: 6/30/11	Sheet 1 of 1 Sheets
W.O. Number: 11.11.0773	Dr By: DSS
Date: 7/9/11	Rev 1: N/A
11110773	Scale: 1"=100'

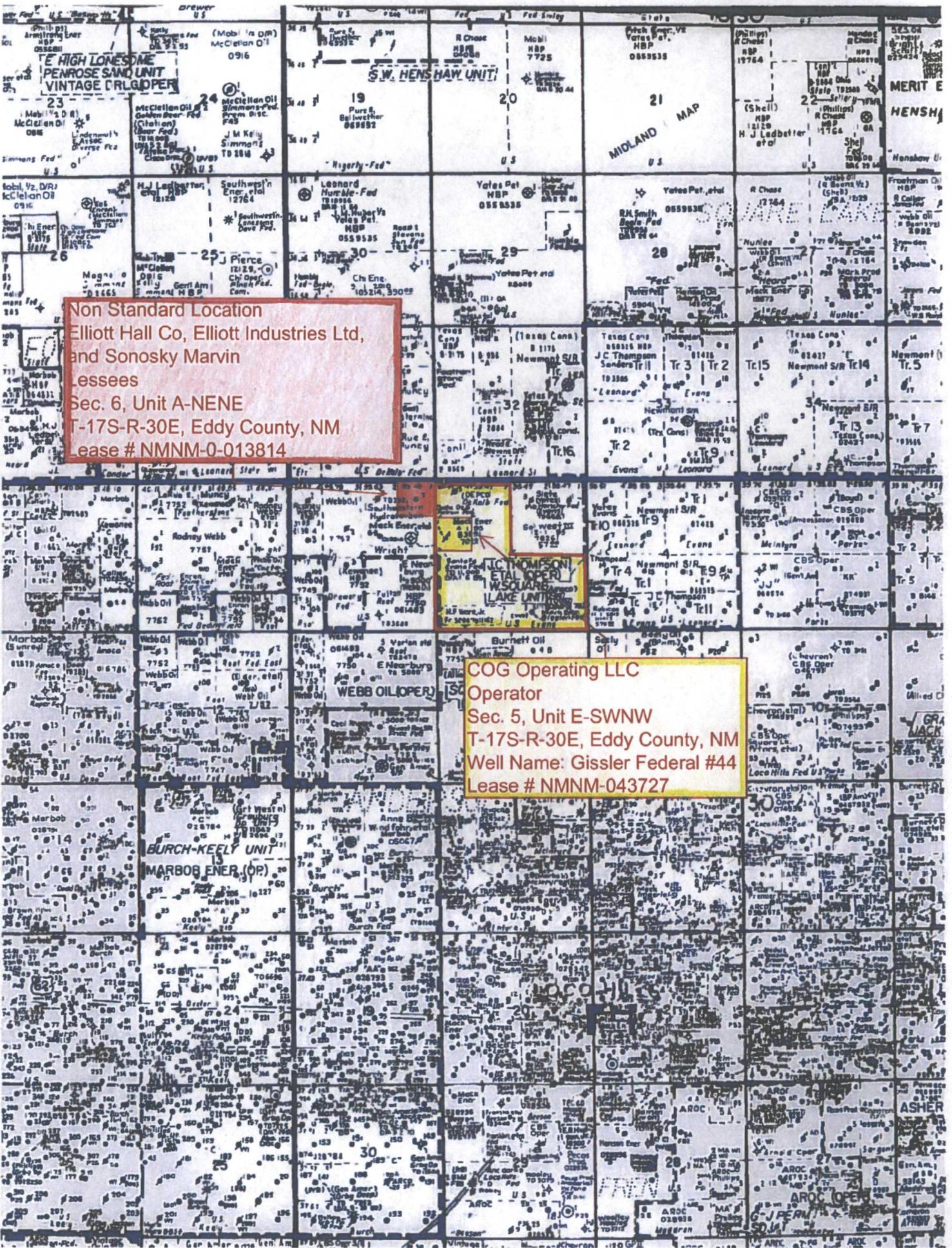
**Producing Wells in Sec 5, T17S, R30E, Eddy County**

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	May 2011	0.58
30-015-35975	MACK ENERGY CORP	RED BLUFF FEDERAL	1	EDDY	S:5, T:17S, R:30E	5,830	O	Active Permit	Mar 2008	May 2011	1.61
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	May 2011	5.32

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



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Non Standard Location  
 Elliott Hall Co, Elliott Industries Ltd,  
 and Sonosky Marvin  
 Lessees  
 Sec. 6, Unit A-NENE  
 T-17S-R-30E, Eddy County, NM  
 Lease # NMNM-0-013814

J.C. THOMPSON  
 ETAL OPER  
 LAKE UNIT  
 T-17S-R-30E, Eddy County, NM  
 Lease # NMNM-0-043727

COG Operating LLC  
 Operator  
 Sec. 5, Unit E-SWNW  
 T-17S-R-30E, Eddy County, NM  
 Well Name: Gissler Federal #44  
 Lease # NMNM-043727

BURCH-KEELY UNIT  
 MARBOB ENER (OP)

ASHER

AROC OPER

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

July 28, 2011

Elliott Hall Co. UT LP  
PO Box 1231  
Odgen, UT 84402-1231

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 Maljamar: YESO oil well.

**Gissler Federal #44  
Eddy County, NM  
1638' FNL & 330' 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](mailto:kholly@concho.com)

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>■ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	<p>A. Signature <span style="float: right;"><input type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</span></p> <p><i>J. Jacobson</i></p>
<p>1. Article Addressed to:</p> <div style="border: 1px dashed black; padding: 10px; text-align: center;"> <p>Elliott Hall Co. UT LP PO Box 1231 Ogden, UT 844021231</p> </div>	<p>B. Received by (Printed Name) <span style="float: right;">C. Date of Delivery</span></p> <p><i>J. Jacobson</i> <span style="float: right;"><i>8/5/11</i></span></p>
<p>2. Article Number (Transfer from service label)</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>PS Form 3811, February 2004</p>	<p>3. Service Type</p> <p><input checked="" 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>91 7199 9991 7030 4014 4054</p>	
<p>Domestic Return Receipt <span style="float: right;">102595-02-M-1540</span></p>	

UNITED STATES POSTAL SERVICE



First-Class Mail  
Postage & Fees Paid  
USPS  
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

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

Elliott Industries Ltd  
500 N. Kentucky Ave.  
Roswell, NM 88201

Re: Request for Unorthodox Well Location

To Whom It May Concern:

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Eddy County, NM  
1638' FNL & 330' FWL Sec 5, T17S, R30E**

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Sincerely,

COG Operating LLC



Kelly J. Holly  
Permitting Tech

432-685-4384  
[kholly@concho.com](mailto:kholly@concho.com)

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> <li>Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.</li> <li>Print your name and address on the reverse so that we can return the card to you.</li> <li>Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>	A. Signature <input type="checkbox"/> Agent <input type="checkbox"/> Addressee <i>Kathy Elliott</i>
1. Article Addressed to:  <div style="border: 1px solid black; padding: 10px; text-align: center;">             Elliott Industries Ltd.              PO Box 1328              Santa Fe, NM 87504-1328           </div>	B. Received by <i>Printed Name</i> <input type="checkbox"/> F.E. <input type="checkbox"/> C. Date of Delivery <i>Kathy Elliott</i> D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below <input type="checkbox"/> No <i>PO Box 1328</i> <i>Santa Fe, NM 87504</i>
2. Article Number <i>(Transfer from service label)</i>	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.  4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540	

UNITED STATES POSTAL SERVICE		First-Class Mail Postage & Fees Paid USPS Permit No. G-10
<p>• Sender: Please print your name, address, and ZIP+4 in this box •</p> <div style="border: 1px solid black; padding: 20px; margin: 10px auto; width: 80%;"> <p>COG Operating LLC            ATTN: KELLY HOLLY            550 W Texas Suite 1300            Midland, TX 79701</p> </div>		

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

July 28, 2011

Sonosky Marvin  
Box 1355  
Roswell, NM 88201

Re: Request for Unorthodox Well Location

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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 Maljamar: YESO oil well.

**Gissler Federal #44  
Eddy County, NM  
1638' FNL & 330' FWL Sec 5, T17S, R30E**

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Sincerely,

COG Operating LLC



Kelly J. Holly  
Permitting Tech

432-685-4384  
[kholly@concho.com](mailto:kholly@concho.com)

We have no other known address for Sonosky Marvin. We attempted to send a notification letter to this address + also to Box 1355 Roswell, NM 86001. Both came back undeliverable.



550 West Texas Avenue, Suite 100  
Midland, Texas 79701

Sonosky Marvin

PO Box 1358

Santa Fe NM  
87501



RR # \_\_\_\_\_  
Carr. Init. \_\_\_\_\_  
Date \_\_\_\_\_

- Not Deliverable As Addressed
- Unable To Forward
- Insufficient Address
- Moved, Left No Address
- Unclaimed
- Attempted - Refused
- No Such Street
- Vacant
- No Mail Receipts
- Box Closed - No Order
- Returned For Unrecog. Address
- Postage Due

ANK

1ST NOTICE 08-05-11  
2ND NOTICE  
RETURN

AUG 01

CERTIFIED MAIL

U.S. POSTAGE

PITNEY BOWE

01 \$ 003.69

4097 JUL 29 2011

91 7199 9991 7030 4014 4078