

|                        |          |                         |                          |                 |                                   |
|------------------------|----------|-------------------------|--------------------------|-----------------|-----------------------------------|
| DATE IN <u>7/16/09</u> | SUSPENSE | ENGINEER <u>Warrell</u> | LOGGED IN <u>7/16/07</u> | TYPE <u>NSL</u> | PTGW<br>APP NO. <u>0919757107</u> |
|------------------------|----------|-------------------------|--------------------------|-----------------|-----------------------------------|

ABOVE THIS LINE FOR DIVISION USE ONLY

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



*McFedord #49*  
*COG operating*  
*(229137)*

## 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

**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
- [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.

|                             |                    |                |               |
|-----------------------------|--------------------|----------------|---------------|
| _____<br>Print or Type Name | _____<br>Signature | _____<br>Title | _____<br>Date |
| _____<br>e-mail Address     |                    |                |               |

PTGW 0919757 107

**Phyllis Edwards**

To: Brooks, David K., EMNRD  
Subject: M C Federal 49 Location Move

RECEIVED

2009 JUL 16 PM 1 03

7-15-09

Dear Mr. Brooks,

COG Operating LLC submitted a NSL package for this location 6-30-09. — (NSL-6056)  
The BLM requested a 50' move.  
The resulting calls are still at a Non-standard location.

Please accept this updated plat and attach it to our NSL submission.

Thank you for your attention to this matter.

*Phyllis Edwards*  
Regulatory Analyst



COG Operating LLC

Fasken Tower II

550 W. Texas Avenue, Suite 1300

Midland, TX 79701

432-685-4340 P

432-685-4396 F

[pedwards@conchoresources.com](mailto:pedwards@conchoresources.com)

*Amends NSL-6056*

# 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

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<br><b>30-025-</b>   | Pool Code<br><b>44500</b>                  | Pool Name<br><b>MALAMAR; YESO WEST</b> |
| Property Code<br><b>302519</b> | Property Name<br><b>MC FEDERAL</b>         | Well Number<br><b>49</b>               |
| OGRID No.<br><b>229137</b>     | Operator Name<br><b>COG OPERATING, LLC</b> | Elevation<br><b>4019'</b>              |

### 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             | 21      | 17-S     | 32-E  |         | 940           | NORTH            | 1000          | EAST           | LEA    |

### Bottom Hole Location If Different From Surface

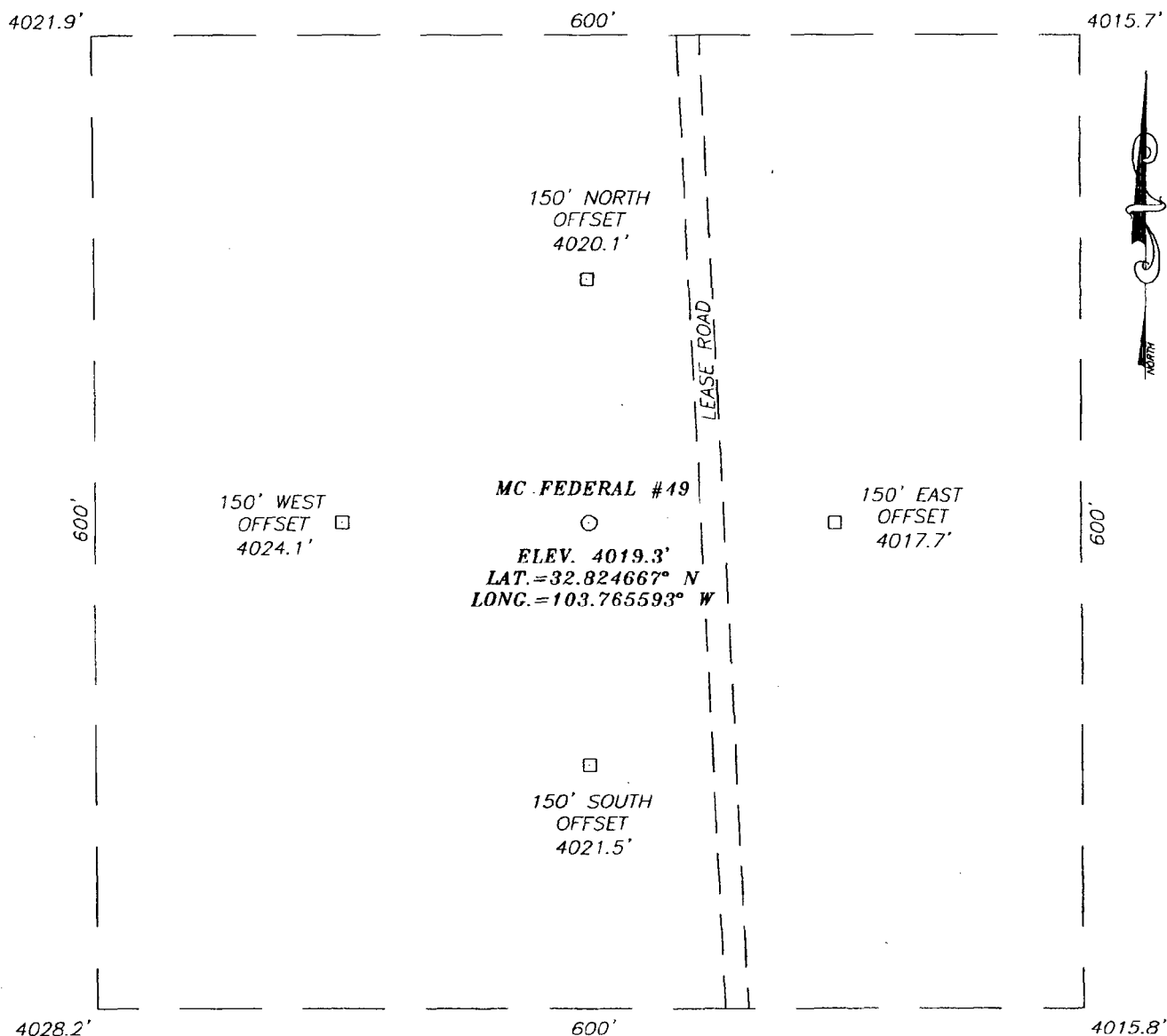
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |          |       |         |               |                  |               |                |        |

| Dedicated Acres | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|
| <b>40</b>       |                 |                    |           |

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

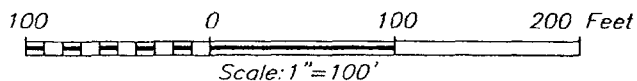
|   |  |
|---|--|
| <p>DETAIL</p> <p>4021.9' 4015.7'</p> <p>1000' 600'</p> <p>4028.2' 4015.8'</p> <p>SEE DETAIL</p> | <p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns 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>Rhys A. Edwards</i> 7/15/09<br/>Signature Date</p> <p><b>RYAN A. EDWARDS</b><br/>Printed Name</p> <p><b>REGULATORY ANALYST</b></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>Date Surveyed: <b>NOV 13 2009</b></p> <p>Signature &amp; Seal of Professional Surveyor: <b>RONALD J. EIDSON 3239</b></p>  |
|   | <p>Certificate No. <b>GARY EIDSON 12641</b><br/><b>RONALD J. EIDSON 3239</b></p>   |

**SECTION 21, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,**  
 LEA COUNTY, NEW MEXICO



**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CO. RD. L-126 (MALJAMAR RD) & CONOCO ROAD, GO NORTH ON MALJAMAR ROAD APPROX. 0.7 MILES. TURN LEFT AND GO WEST APPROX. 0.2 MILES. TURN LEFT AND GO SOUTH APPROX. 0.2 MILES. THIS LOCATION IS APPROX. 75 FEET WEST.



**COG OPERATING, LLC**

MC FEDERAL #49 WELL  
 LOCATED 940 FEET FROM THE NORTH LINE  
 AND 1000 FEET FROM THE EAST LINE OF SECTION 21,  
 TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,  
 LEA COUNTY, NEW MEXICO.

|                         |                         |
|-------------------------|-------------------------|
| Survey Date: 7/7/09     | Sheet 1 of 1 Sheets     |
| W.O. Number: 09.11.0394 | Dr By: LA Rev 1:N/A     |
| Date: 7/10/09           | 09110394 Scale: 1"=100' |

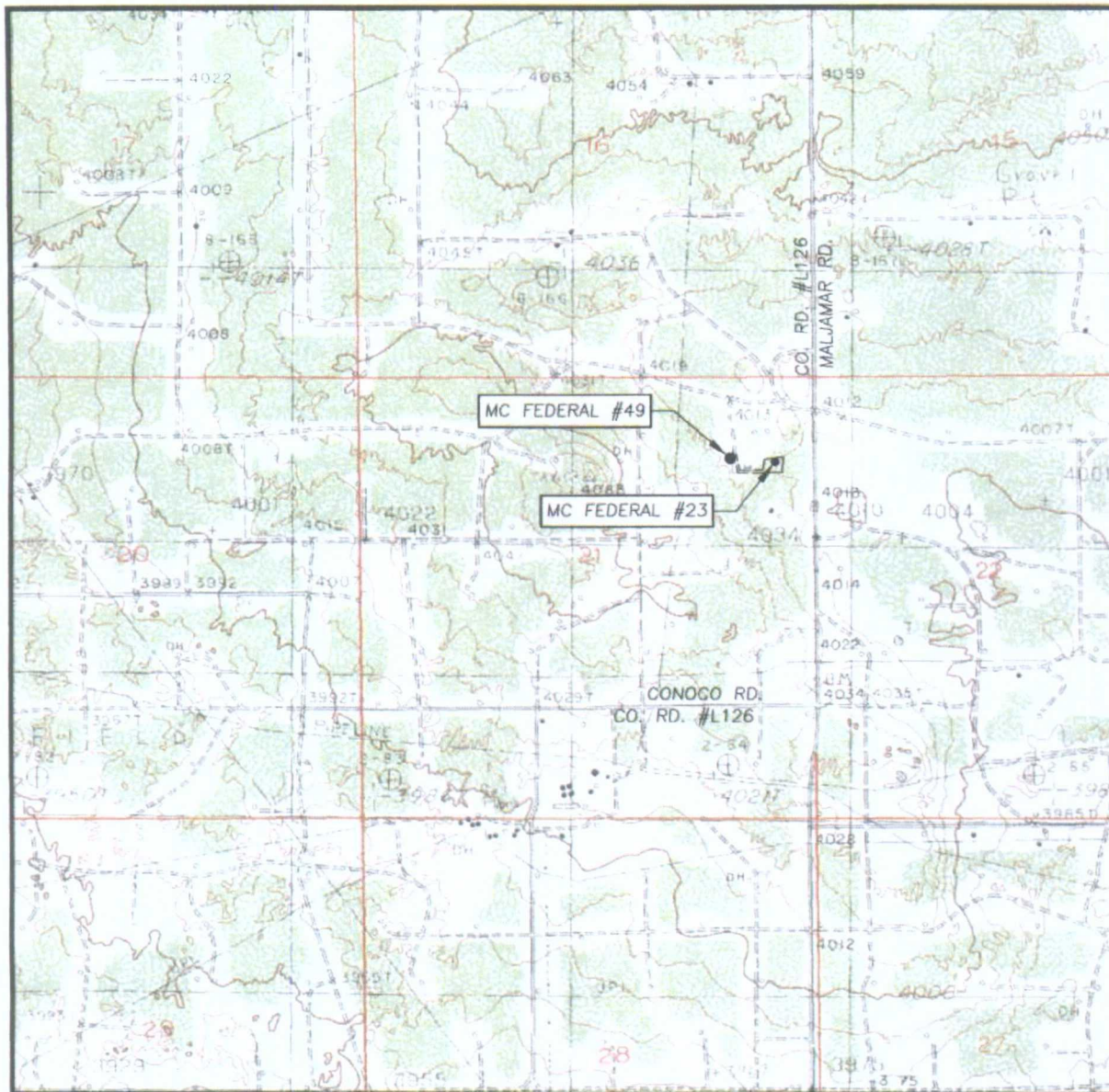
PROVIDING SURVEYING SERVICES  
 SINCE 1946  
**JOHN WEST SURVEYING COMPANY**  
 412 N. DAL PASO  
 HOBBS, N.M. 88240  
 (575) 393-3117

SEC. 21 TWP. 17-S RGE. 32-E  
SURVEY \_\_\_\_\_ N.M.P.M. \_\_\_\_\_  
COUNTY LEA STATE NEW MEXICO  
DESCRIPTION 940' FNL & 1000' FEL  
ELEVATION 4019'  
OPERATOR COG OPERATING, LLC  
LEASE MC FEDERAL



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

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
MALJAMAR, N.M. - 10'

SEC. 21 TWP. 17-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 940' FNL & 1000' FEL

ELEVATION 4019'

OPERATOR COG OPERATING, LLC

LEASE MC FEDERAL

U.S.G.S. TOPOGRAPHIC MAP  
MALJAMAR, N.M.



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