

DISTRICT I
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Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
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Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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 August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-40240	Pool Code 44500	Pool Name Maljamar; Yeso, West
Property Code 302519	Property Name MC FEDERAL	Well Number 62
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 4020'

Surface Location

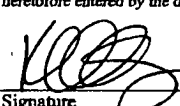
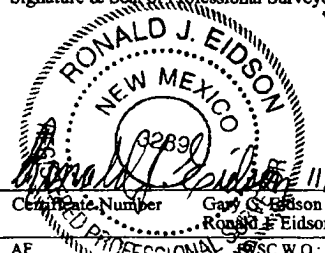
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	21	17-S	32-E		2012	SOUTH	553	WEST	LEA

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
L	21	17-S	32-E		1650	SOUTH	330	WEST	LEA

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>GEODETIC COORDINATES NAD 27 NME</p> <p>SURFACE LOCATION Y=661585.3 N X=670090.3 E</p> <p>LAT.=32.818303° N LONG.=103 777723° W</p> <p>BOTTOM HOLE LOCATION Y=661495.7 N X=670469.7 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> 12-6-11</p> <p>Signature Date</p> <p>Kelly J. Holly</p> <p>Printed Name</p> <p>kholly@concho.com</p> <p>E-mail Address</p>								
<p>CORNER COORDINATES TABLE</p> <table border="1"> <tr> <td>Ⓐ</td> <td>- Y=662484.8 N, X=670133.2 E</td> </tr> <tr> <td>Ⓑ</td> <td>- Y=662487.7 N, X=671454.5 E</td> </tr> <tr> <td>Ⓒ</td> <td>- Y=661165.1 N, X=670142.0 E</td> </tr> <tr> <td>Ⓓ</td> <td>- Y=661168.2 N, X=671462.6 E</td> </tr> </table> <p>Diagram showing well location with distances: 553', 330', 1650', 2012', GRD. AZ.=211°19'19", HORIZ. DIST.=424.5'</p> <p>Penetration Point 1469 FSL+ 342 FWL</p> <p>DETAIL 4021.1', 4025.0', 600', 4010.9', 4016.1'</p>	Ⓐ	- Y=662484.8 N, X=670133.2 E	Ⓑ	- Y=662487.7 N, X=671454.5 E	Ⓒ	- Y=661165.1 N, X=670142.0 E	Ⓓ	- Y=661168.2 N, X=671462.6 E	<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>APRIL 19, 2011</p> <p>Date of Survey</p> <p>Signature & Seal of Professional Surveyor</p> <p></p> <p>Certificate Number Gary C. Eidson 12641 Ronald J. Eidson 3239</p> <p>AF WSC W.O.: 11.13.2487</p>
Ⓐ	- Y=662484.8 N, X=670133.2 E								
Ⓑ	- Y=662487.7 N, X=671454.5 E								
Ⓒ	- Y=661165.1 N, X=670142.0 E								
Ⓓ	- Y=661168.2 N, X=671462.6 E								

JAN 03 2012

4021.1'

EXIST. MC FEDERAL #4 WELL (COG OPERATING LLC)

EXIST. MC FEDERAL #38 WELL (COG OPERATING LLC)

EXISTING WELL PAD

LEASE ROAD

NORTHWEST PAD CORNER 4020.1'

NORTHEAST PAD CORNER 4024.0'

EXISTING WELL PAD

PROPOSED WELL PAD

MC FEDERAL #62
ELEV. 4020.5'
LAT.=32.818303° N
LONG.=103.777723° W

150'

140'

100'

130'

EXIST. MCA UNIT #67 WELL (CONOCO INJ. WELL)

EXISTING WELL PAD

30'

85'

SOUTHWEST PAD CORNER 4017.0'

SOUTHEAST PAD CORNER 4018.8'

LEASE ROAD

600'

600'

600'

600'

4025.0'

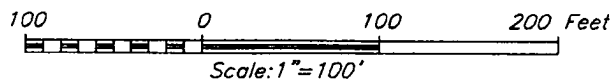
4016.1'

010 9'

FROM THE INTERSECTION OF CO. RD. #1126
(MALJAMAR ROAD) AND CO. RD #1126 (CONOCO
ROAD), GO WEST ON CONOCO ROAD APPROX. 1.0
MILE. TURN RIGHT AND GO NORTH APPROX. 0.15
MILES TO THE EXISTING CONOCO INJECTION WELL,
MCA UNIT #67. THIS LOCATION STAKE IS APPROX.
113 FEET NORTHWEST OF THE EXISTING WELL HEAD.



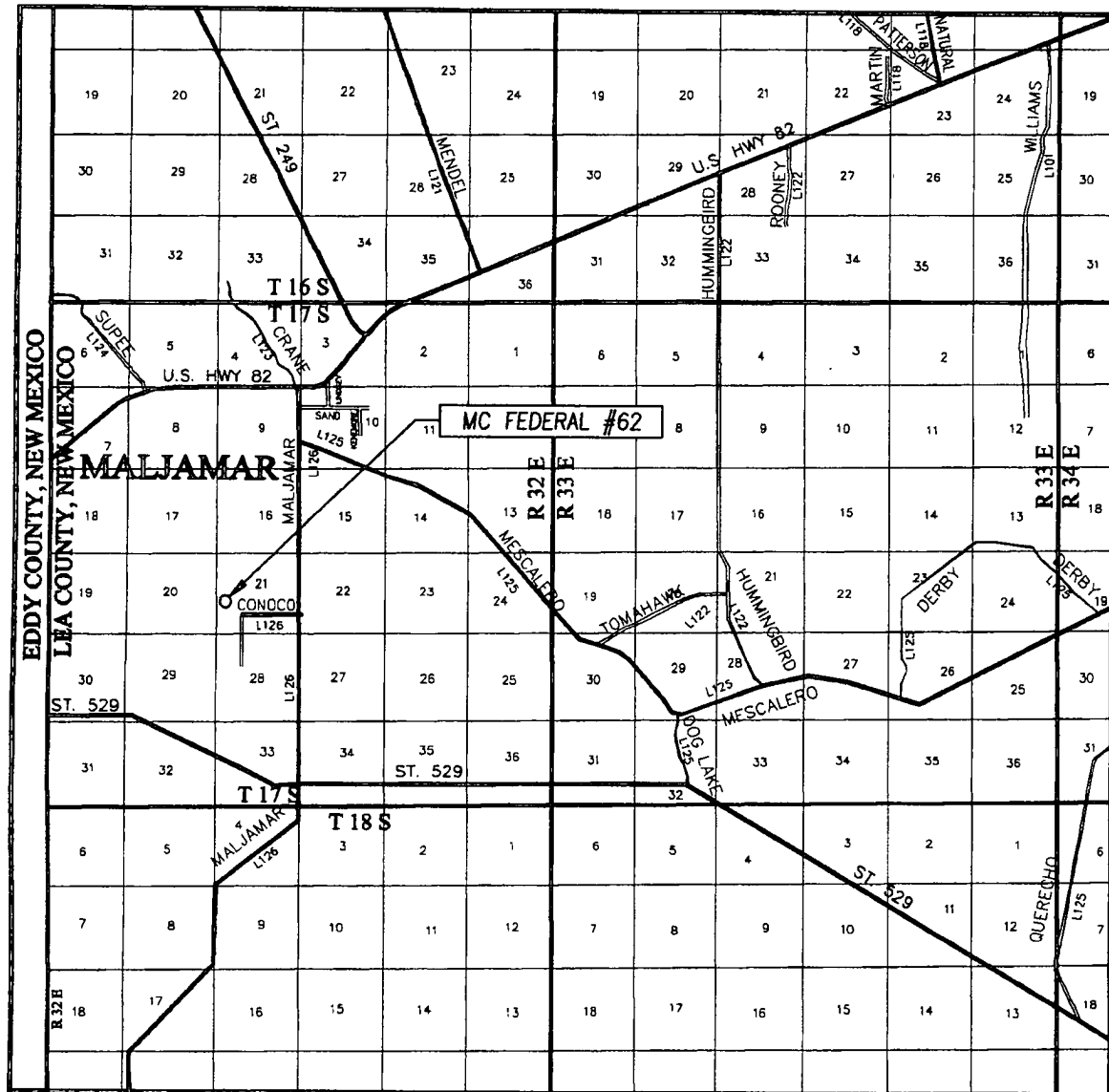
PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393-3117



MC FEDERAL #62 WELL
LOCATED 2012 FEET FROM THE SOUTH LINE
AND 553 FEET FROM THE WEST LINE OF SECTION 21,
TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

Survey Date: 4/19/11		Sheet 1 of 1 Sheets	
W.O. Number: 11.11.0187		Dr By: DSS	Rev 1: .
Date: 4/22/11		11110187	Scale: 1"=100'

VICINITY MAP



SCALE: 1" = 2 MILES

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

SURVEY N.M.P.M.

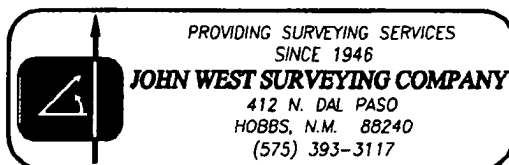
COUNTY LEA STATE NEW MEXICO

DESCRIPTION 2012' FSL & 553' FWL

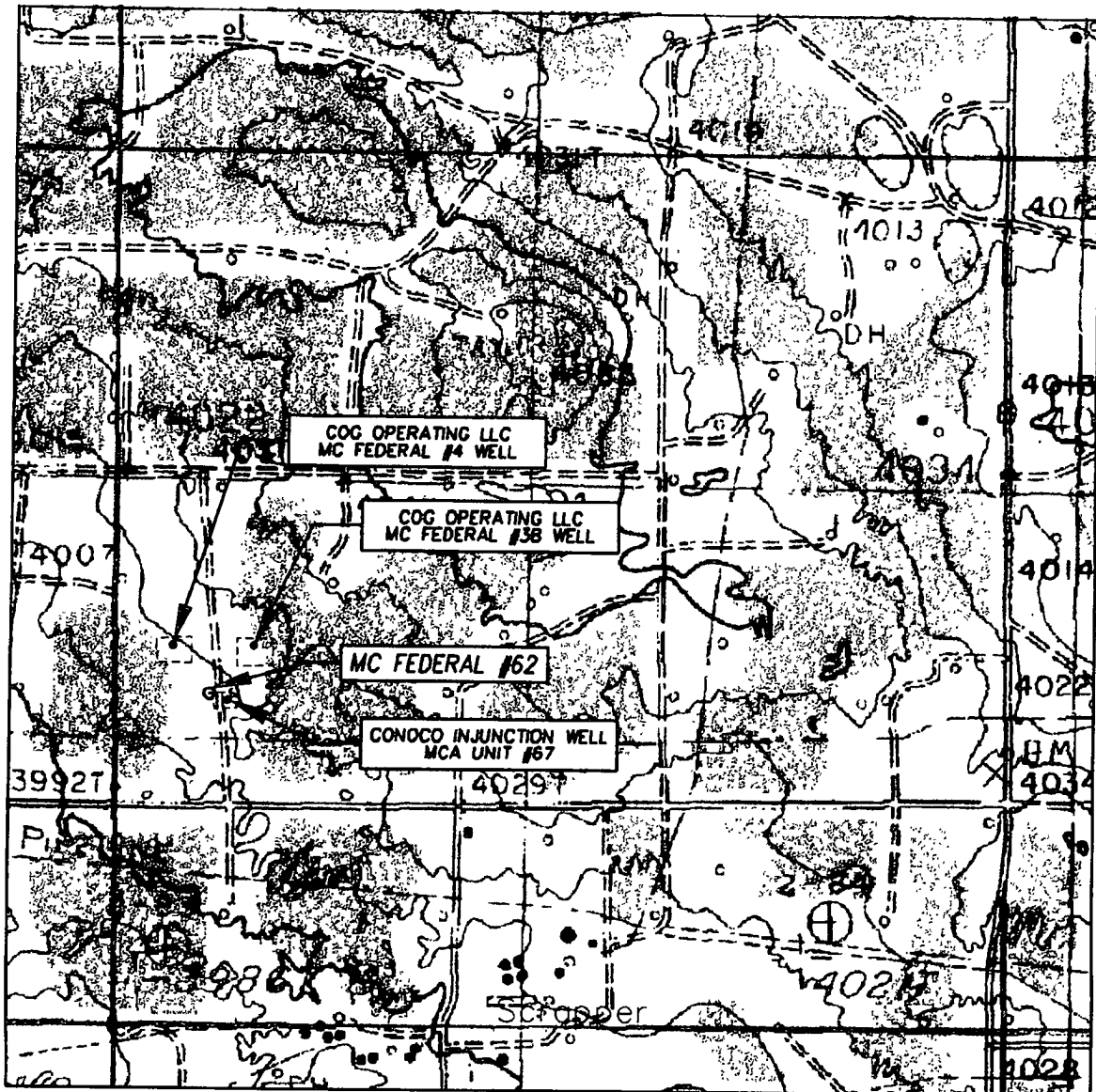
ELEVATION 4020'

OPERATOR COG OPERATING, LLC

LEASE MC FEDERAL



LOCATION VERIFICATION MAP



SCALE: 1" = 1000'

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 2012' FSL & 553' FWL

ELEVATION 4020'

OPERATOR COG OPERATING, LLC

LEASE MC FEDERAL

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



PROVIDING SURVEYING SERVICES
SINCE 1946

JOHN WEST SURVEYING COMPANY

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