

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

HOBBS OCD

MAY 23 2011

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
June 16, 2008

Submit to appropriate District Office

☐ AMENDED REPORT

RECEIVED
APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address ConocoPhillips Company 3300 N "A" St, Bldg 6 Midland, TX 79705		² OGRID Number 217817
³ Property Code 38238 38251		³ API Number 30 - 025-48138
⁴ Property Name Aquamarine State		⁵ Well No. 4
⁹ Proposed Pool 1 Maljamar; Yeso, West (44500)		¹⁰ Proposed Pool 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	16	17S	32 E		990	South	330	East	Lea

⁸ Proposed 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

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4015.6'
¹⁶ Multiple	¹⁷ Proposed Depth 7200'	¹⁸ Formation Yeso, West	¹⁹ Contractor Precision 194	²⁰ Spud Date 07/09/2011

²¹ Proposed Casing and Cement Program

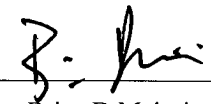
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12.25"	8.625"	24#	850'	400 sx C	surface
7.875"	5.5"	17#	7190'	1000 sx C	surface

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

See attached program for drilling mud and BOP information

Permit Expires 2 Years From Approved
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: 
Printed name: Brian D Maiorino

Title: Regulatory Specialist

E-mail Address: brian.d.maiorino@conocophillips.com

Date: 05/18/2011

Phone: (432)688-6913

OIL CONSERVATION DIVISION

Approved by:

Title:

PETROLEUM ENGINEER

Approval Date: MAY 24 2011

Expiration Date:

Conditions of Approval Attached ☐

MAY 26 2011

DISTRICT II
1901 W. Grand Avenue, Artesia, NM 88210

HOBBS OCD OIL CONSERVATION DIVISION
1220 South St. Frances Dr.
Santa Fe, NM 87505

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

MAY 23 2011

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

☐ **AMENDED REPORT**

RECEIVED

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name	
30-025-40138	44500	Maljamar; YESO, WEST	
Property Code	Property Name	Well Number	
38238 38251	AQUAMARINE STATE	4	
OGRID No.	Operator Name	Elevation	
217817	CONOCOPHILLIPS	4025'	

Surface Location

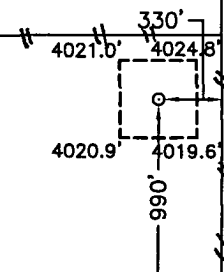
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	16	17 S	32 E		990	SOUTH	330	EAST	LEA

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 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

Plane Coordinate
X = 675,059.0
Y = 666,126.8

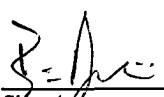


NOTE:

1) Plane Coordinates shown hereon are Transverse Mercator Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum of 1927. Distances shown hereon are mean horizontal surface values.

OPERATOR CERTIFICATION

I hereby certify the the information contained 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 a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.


Signature

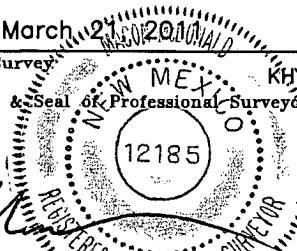
5/18/11
Date


Brian D. Malenka
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.

March 24, 2011
Date of Survey




Signature & Seal of Professional Surveyor

W.O. Num. 2011-0528

Certificate No. MACON McDONALD

12185

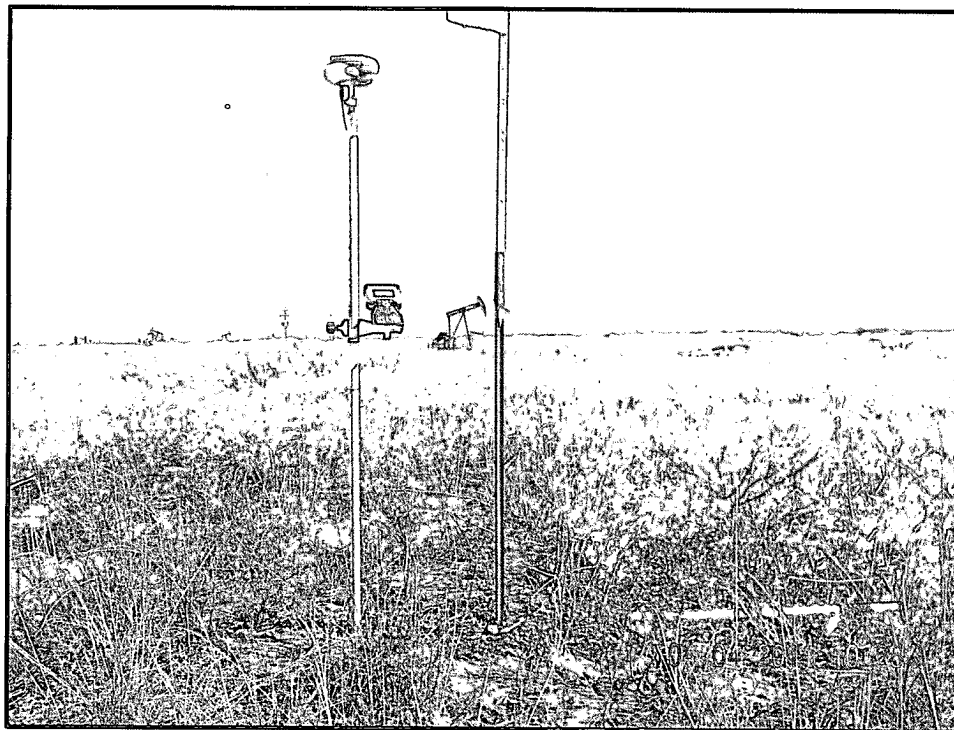
Aquamarine # 4

15. Proposed Depth = 7200' MD RKB

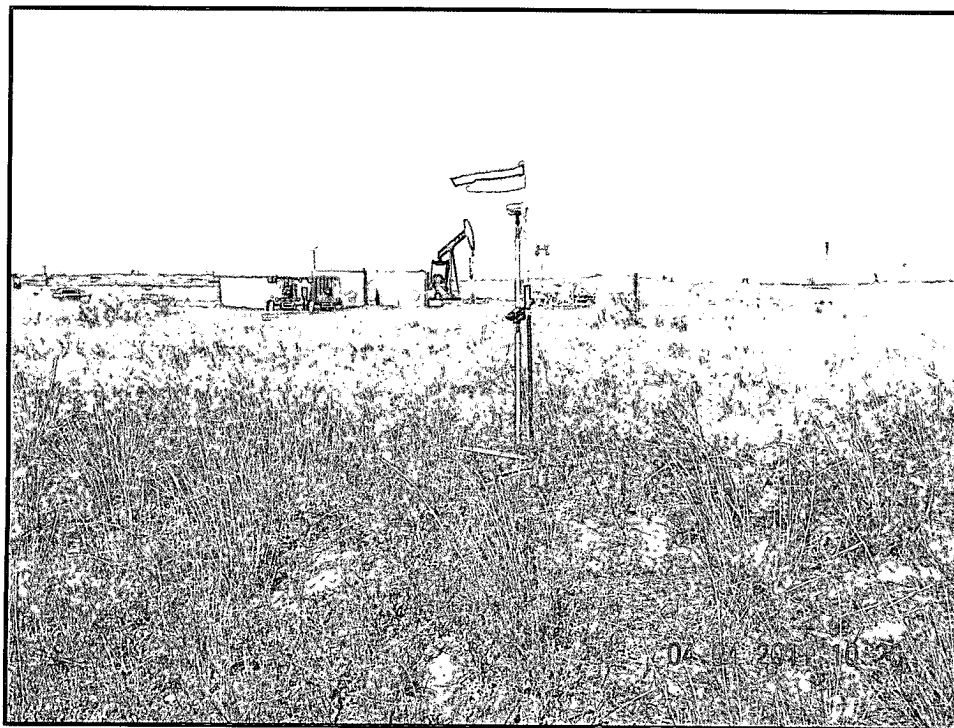
19. Proposed Casing and Cement Program						
Type	Hole Size (inches)	Casing OD (inches)	Casing Wt (lb/ft)	Setting Depth (feet)	Sacks of Cement	Estimated TOC (feet)
Surface	12.25	8.625	24	850	400	0
Prod	7.875	5.5	17	7190	1000	0

Casing and Cement Program: Additional Comments	
Fresh Water and Fresh Water Mud will be used for drilling the surface hole.	
Brine and Brine Based Mud will be used for drilling the production hole.	

Proposed Blowout Prevention Program			
Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	1000	
Blind Ram	2000	2000	
Pipe Ram	2000	2000	



NORTHERLY VIEW TO LOCATION STAKE



WESTERLY VIEW TO LOCATION STAKE

ConocoPhillips

AQUAMARINE STATE #4

Located 990' FSL & 330' FEL, Section 18
Township 17 South, Range 32 East, N.M.P.M.
Lea County, New Mexico

WEST
COMPANY
of Midland, Inc.

110 W. LOUISIANA, STE. 110
MIDLAND TEXAS, 79701
(432) 687-0865 - (432) 687-0868 FAX

Drawn By: KHY

Date: April 28, 2011

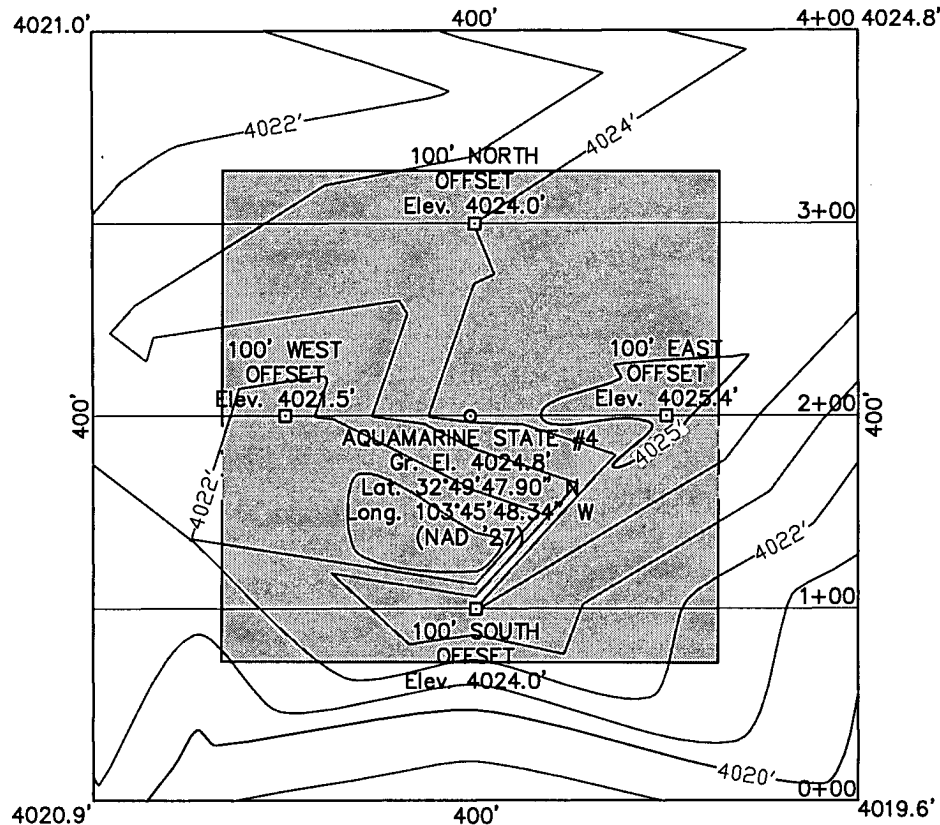
SECTION 16, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.

LEA COUNTY

NEW MEXICO

THIS IS NOT A BOUNDARY SURVEY
Apparent property corners and property lines, if shown,
are for information only.

L-2011-0528-A



DRIVING DIRECTIONS

FROM THE INTERSECTION OF HIGHWAY 82 AND MALJAMAR ROAD. GO SOUTH ON SAID MALJAMAR ROAD FOR 1.7 MILES. LOCATION IS APPROXIMATELY 300 FEET TO THE WEST.



I HEREBY CERTIFY THAT THIS PLAT WAS MADE FROM AN ACTUAL SURVEY MADE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE SAME IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

MACON McDONALD

PLS NO. 12185

ConocoPhillips

Topographic Map

AQUAMARINE STATE #4

Located 990' FSL & 330' FEL, Section 16
Township 17 South, Range 32 East, N.M.P.M.
Lea County, New Mexico

Drawn By: KHY

Date: April 28, 2011

Scale: 1" = 100'

Field Book: 508 / 33-34

Sheet 1 of 3

Quadrangle: Maljamar

W.O. No: 2011-0528

Dwg. No.: L-2011-0528-A

WEST
COMPANY
of Midland, Inc.

110 W. LOUISIANA, STE. 110
MIDLAND TEXAS, 79701
(432) 687-0865 - (432) 687-0868 FAX

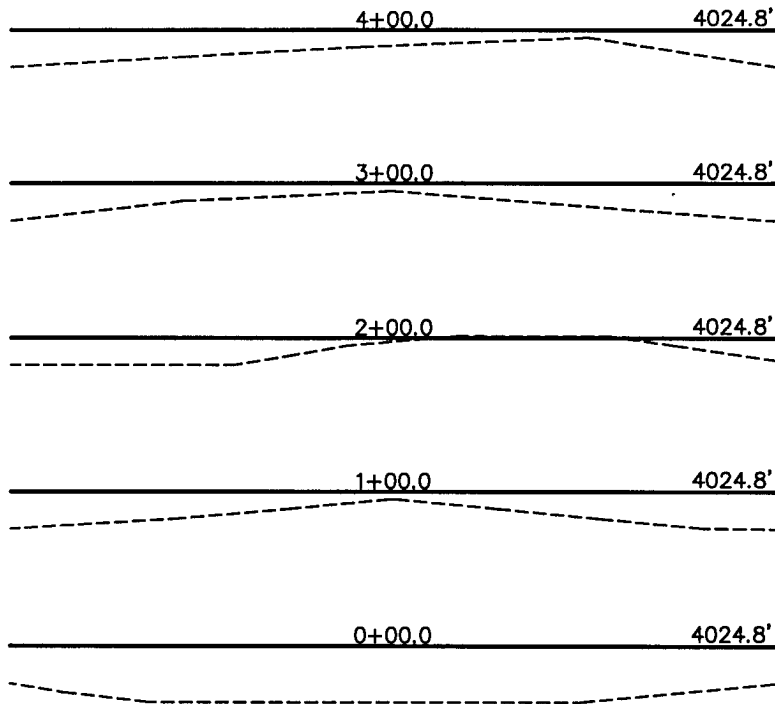
SECTION 16, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.

LEA COUNTY

NEW MEXICO

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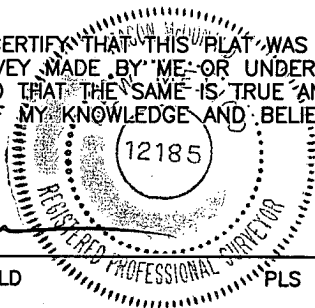
L-2011-0528-B



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AN ACTUAL SURVEY MADE BY ME OR UNDER MY DIRECT
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TO THE BEST OF MY KNOWLEDGE AND BELIEF.

MACON McDONALD

MACON McDONALD



PLS NO. 12185

ConocoPhillips

Topographic Map

AQUAMARINE STATE #4

Located 990' FSL & 330' FEL, Section 16
Township 17 South, Range 32 East, N.M.P.M.
Lea County, New Mexico

Drawn By: KHY

Date: April 28, 2011

Scale: 1" = 100'

Field Book: 508 / 33-34

Sheet 2 of 3

Quadrangle: Maljamar

W.O. No: 2011-0528

Dwg. No.: L-2011-0528-B

**WEST
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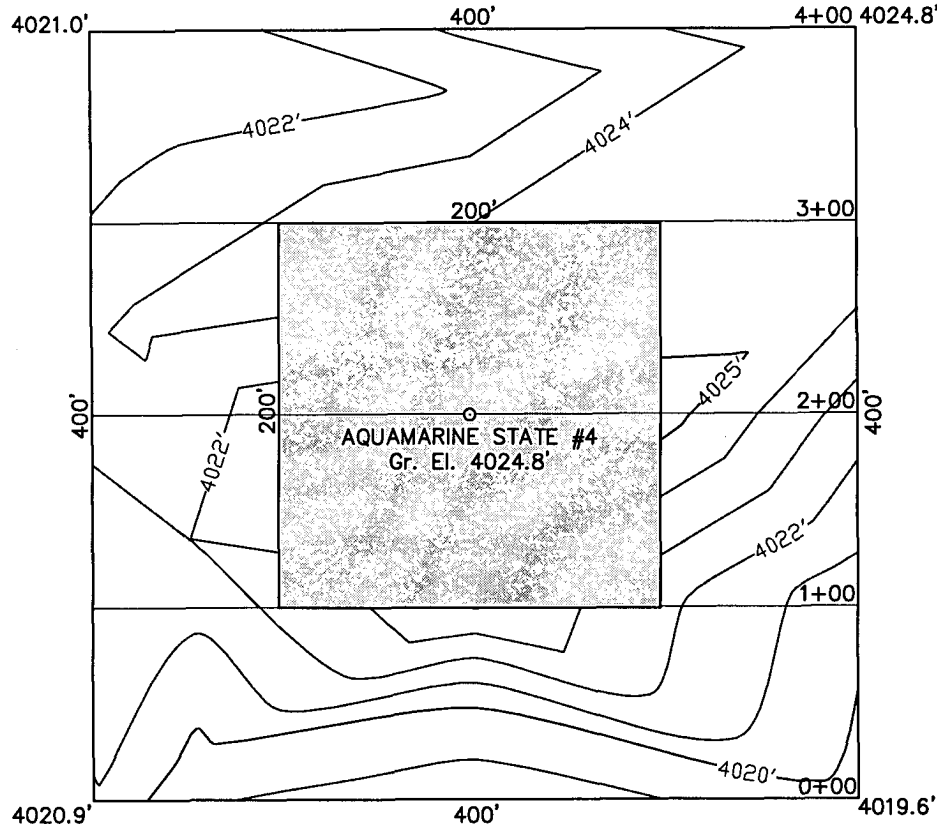
SECTION 16, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.

LEA COUNTY

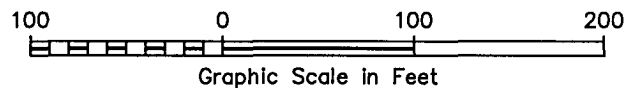
THIS IS NOT A BOUNDARY SURVEY
Apparent property corners and property lines, if shown,
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NEW MEXICO

L-2011-0536-C



INTERIM RECLAMATION

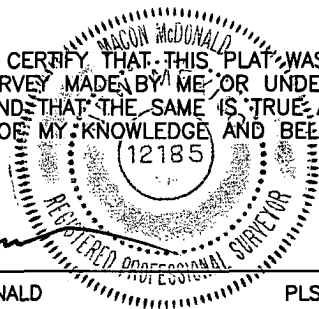


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TO THE BEST OF MY KNOWLEDGE AND BELIEF.

[Signature]

MACON McDONALD

PLS NO. 12185



ConocoPhillips

Topographic Map

AQUAMARINE STATE #4

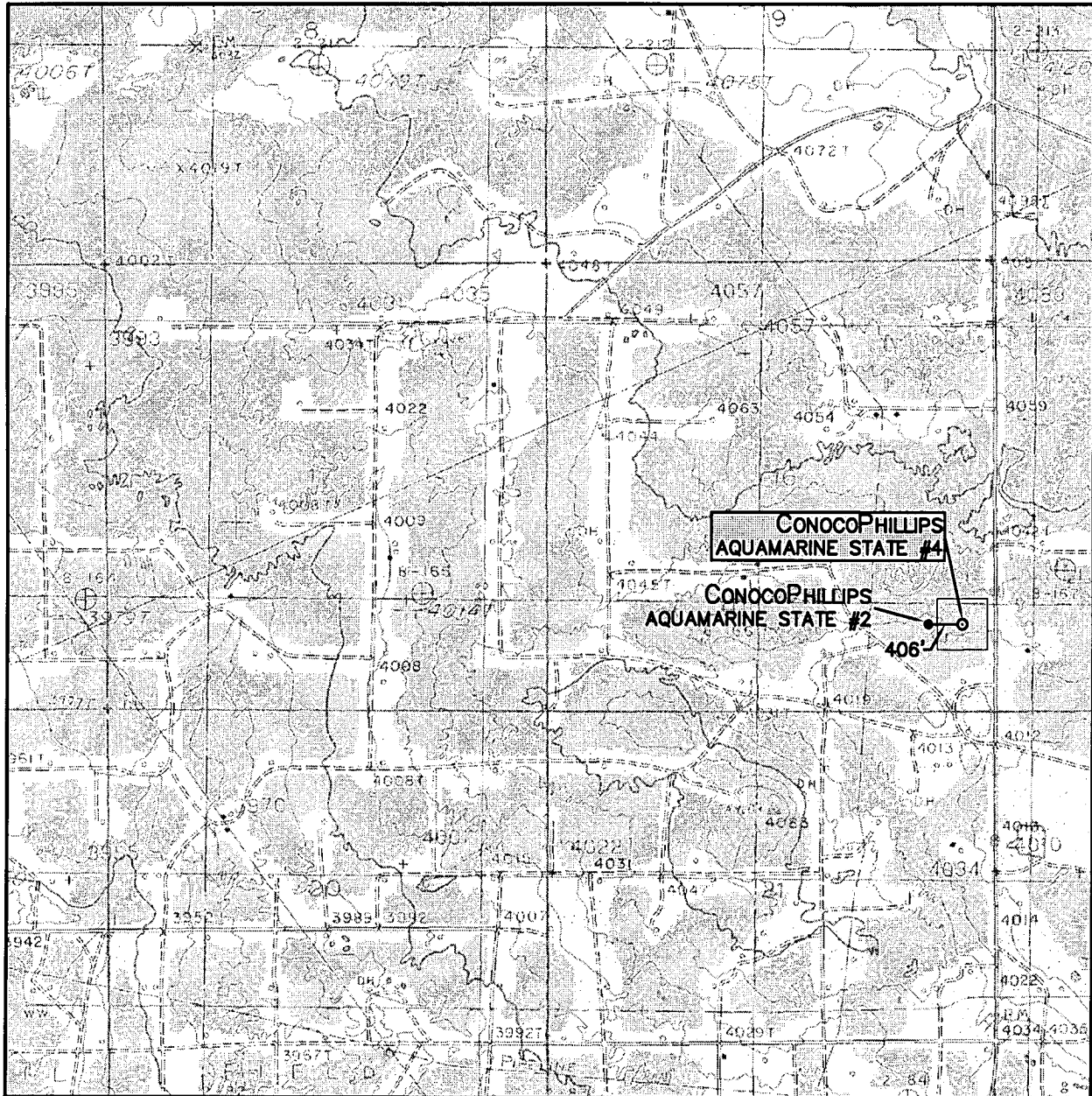
Located 990' FSL & 330' FEL, Section 16
Township 17 South, Range 32 East, N.M.P.M.
Lea County, New Mexico

Drawn By: KHY	Date: April 28, 2011
Scale: 1" = 100'	Field Book: 508 / 33-34
Sheet 3 of 3	Quadrangle: Maljamar
W.O. No: 2011-0528	Dwg. No.: L-2011-0528-C

WEST
COMPANY
of Midland, Inc.

110 W. LOUISIANA, STE. 110
MIDLAND TEXAS, 79701
(432) 687-0865 - (432) 687-0868 FAX

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
MALJAMAR - 10'

SEC. 16 TWP. 17-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 990' FSL & 330' FEL

ELEVATION 4025'

OPERATOR CONOCOPHILLIPS

LEASE AQUAMARINE STATE

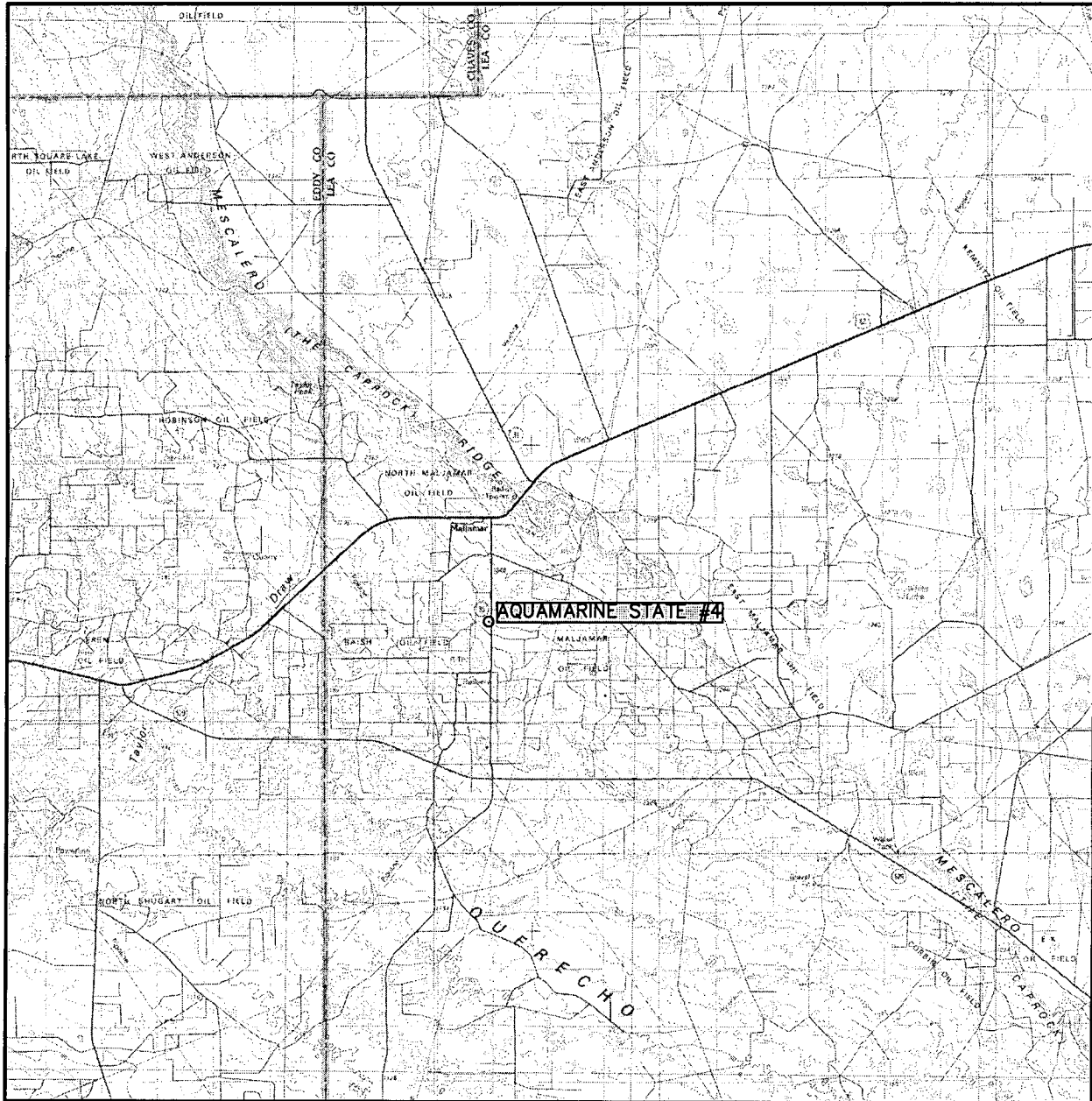
U.S.G.S. TOPOGRAPHIC MAP
MALJAMAR



**WEST
COMPANY**
of Midland, Inc.

110 W. LOUISIANA, STE. 110
MIDLAND TEXAS, 79701
(432) 687-0865 - (432) 687-0868 FAX

VICINITY MAP



SCALE: 1" = 3 MILES

SEC. 16 TWP. 17-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 990' FSL & 330' FEL

ELEVATION 4025'

OPERATOR CONOCOPHILLIPS

LEASE AQUAMARINE STATE



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