

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 87401

District IV

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

State of New Mexico

RECEIVED**DEC 15 2010****HOBBSOCD**

Energy Minerals and Natural Resources

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-101

May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT**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 31172	⁵ Property Name East Vacuum GBSA Unit 3353W	³ API Number 30-025-39997 ⁶ Well No. 508
⁹ Proposed Pool 1 Vacuum; Grayburg-San Andres (62180) ✓		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/Westline	County
G	33	17-S	35-E		2435	North	2224	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/Westline	County

Additional Well Information

¹¹ Work Type Code New Well	¹² Well Type Code Oil	¹³ Cable/Rotary	¹⁴ Lease Type Code State	¹⁵ Ground Level Elevation 3943'
¹⁶ Multiple No	¹⁷ Proposed Depth 4900'	¹⁸ Formation Grayburg-San Andre S	¹⁹ Contractor	²⁰ Spud Date 01/01/2011
Depth to Groundwater 250'		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> milst thick Clay <input type="checkbox"/> Pit Volume: _____ bbls Drilling Method: _____ Closed-Loop System <input checked="" type="checkbox"/> Fresh Water <input checked="" type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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	1560'	650	SURFACE
7.875"	5.5"	17	4900"	700	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.

**Permit Expires 2 Years From Approval
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. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐ a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Printed name: Brian D Maiorino

Title: Regulatory Specialist

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

Date: 11/30/2010

Phone: (432)688-6913

OIL CONSERVATION DIVISION

Approved by:

Title:

PETROLEUM ENGINEER

Approval Date: JAN 03 2011

Expiration Date:

Conditions of Approval Attached ☐

East Vac **G B SA Unit 3333 W # 508**

15. Proposed Depth = 4,900' 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	1560	650	0
Prod	7.875	5.5	17	4890	700	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	

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State of New Mexico
Energy, Minerals & Natural Resources Department

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

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DEC 15 2010

HOBBSOCD

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-39997	Pool Code 62180	Pool Name Vacuum: Garysburg San-Andreas
Property Code 31172	Property Name EAST VACUUM GBSA UNIT	Well Number 3333W-508
OGRID No. 21817	Operator Name CONOCOPHILLIPS	Elevation 3943'

Surface Location

UL or lot No. G	Section 33	Township 17-S	Range 35-E	Lot Idn	Feet from the 2435	North/South line NORTH	Feet from the 2224	East/West line EAST	County LEA
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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.						

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

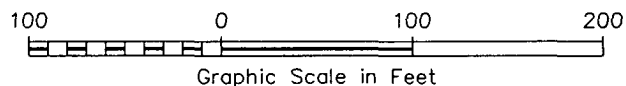
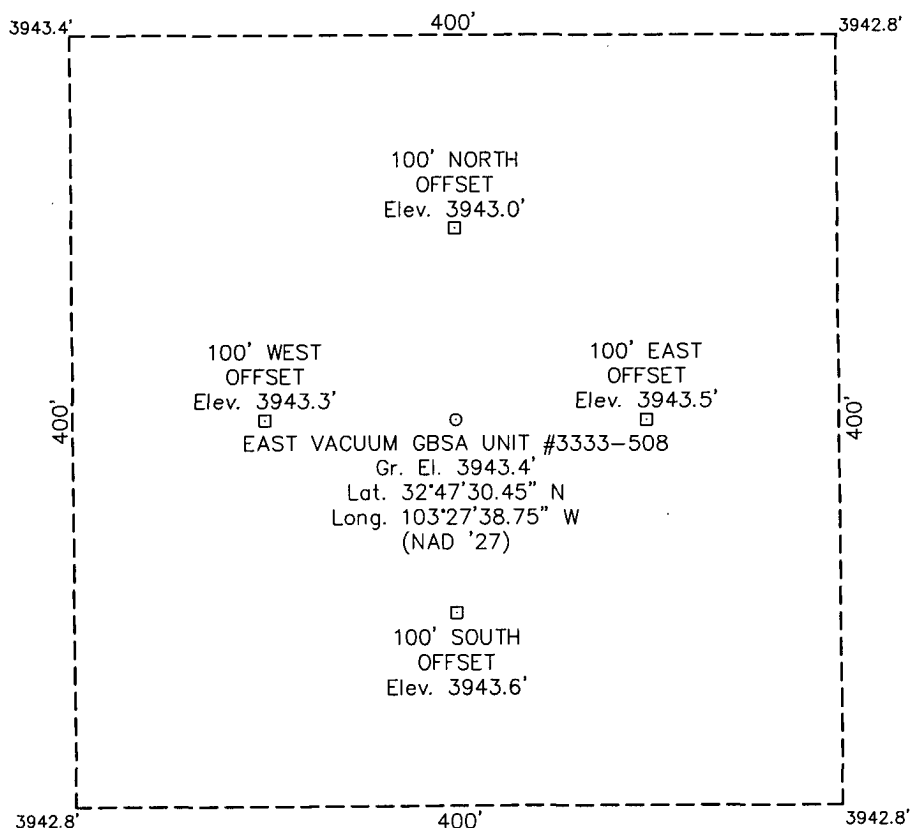
<p>NOTE:</p> <p>1) Plane Coordinates shown hereon are Transverse Mercator Grid and Conform to the "New Mexico Coordinate System", New Mexico East Zone, North American Datum of 1927. Distances shown hereon are mean horizontal surface values.</p>					<p>Plane Coordinate X = 768,146.1 Y = 652,870.6</p>	
	<p>OPERATOR CERTIFICATION</p> <p>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.</p> <p>B. Dine 11/30/10 Signature Date Brian Dine Printed Name</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>October 29, 2010 Date of Survey Signature & Seal of Professional Surveyor W.O. Num. 2010-1314 Certificate No. MACON McDONALD 12185</p>					

SECTION 33, TOWNSHIP 17 SOUTH, RANGE 35 EAST, N.M.P.M.

LEA COUNTY

NEW MEXICO

L-2010-1314-A

DRIVING DIRECTIONS

FROM THE INTERSECTION OF STATE HIGHWAY 8 AND COUNTY ROAD 50 IN BUCKEYE, NEW MEXICO GO EAST ON SAID COUNTY ROAD 50 1.7 MILES TO A LEASE ROAD ON SOUTH (RIGHT) SIDE OF ROAD, THEN GO SOUTH 150 FEET THEN TURN SOUTHEAST (LEFT) FOR 0.6 MILE TO A FORM IN THE ROAD. TAKE SOUTHEAST (RIGHT) FORK AND GO SOUTHEAST 0.2 MILE TO THE CONOCOPHILLIPS, EAST VACUUM GBSA UNIT #3333W-002 WELL PAD. THEN GO SOUTH 0.1 MILE TO A LEASE ROAD ON EAST (LEFT) SIDE. THEN GO EAST 0.1 MILE TO THE CONOCOPHILLIPS EAST VACUUM GBSA UNIT #3333-008 WELL PAD BEING APPROXIMATELY 440 FEET SOUTHWEST OF THE PROPOSED LOCATION.



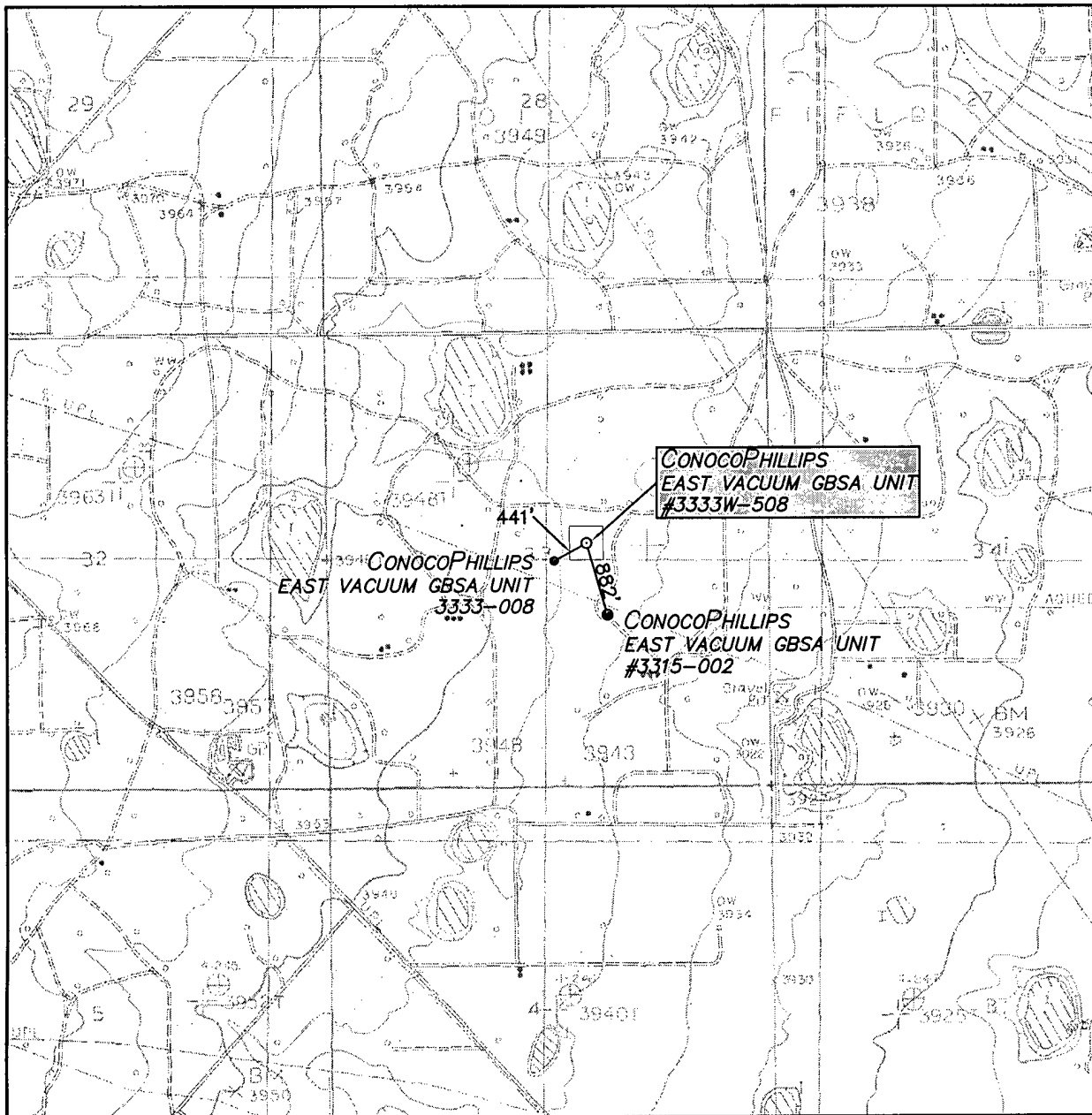
110 W. LOUISIANA, STE. 110
MIDLAND TEXAS, 79701
(432) 687-0865 - (432) 687-0868 FAX

EAST VACUUM GBSA UNIT #3333W-508

Located 2435' FNL & 2224' FEL, Section 33
Township 17 South, Range 35 East, N.M.P.M.
Lea County, New Mexico

Drawn By: KHY	Date: November 4, 2010
Scale: 1" = 100'	Field Book: 376 / 65 - 68
Revision Date:	Quadrangle: Lovington SW
W.O. No: 2010-1314	Dwg. No.: L-2010-1314-A

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
LOVINGTON SW - 5'

SEC. 33 TWP. 17-S RGE. 35-E

SURVEY _____ N.M.P.M.

COUNTY _____ LEA

DESCRIPTION 2435' FNL & 2224' FEL

ELEVATION _____ 3943'

OPERATOR _____ CONOCOPHILLIPS

LEASE _____ EAST VACUUM GBSA UNIT

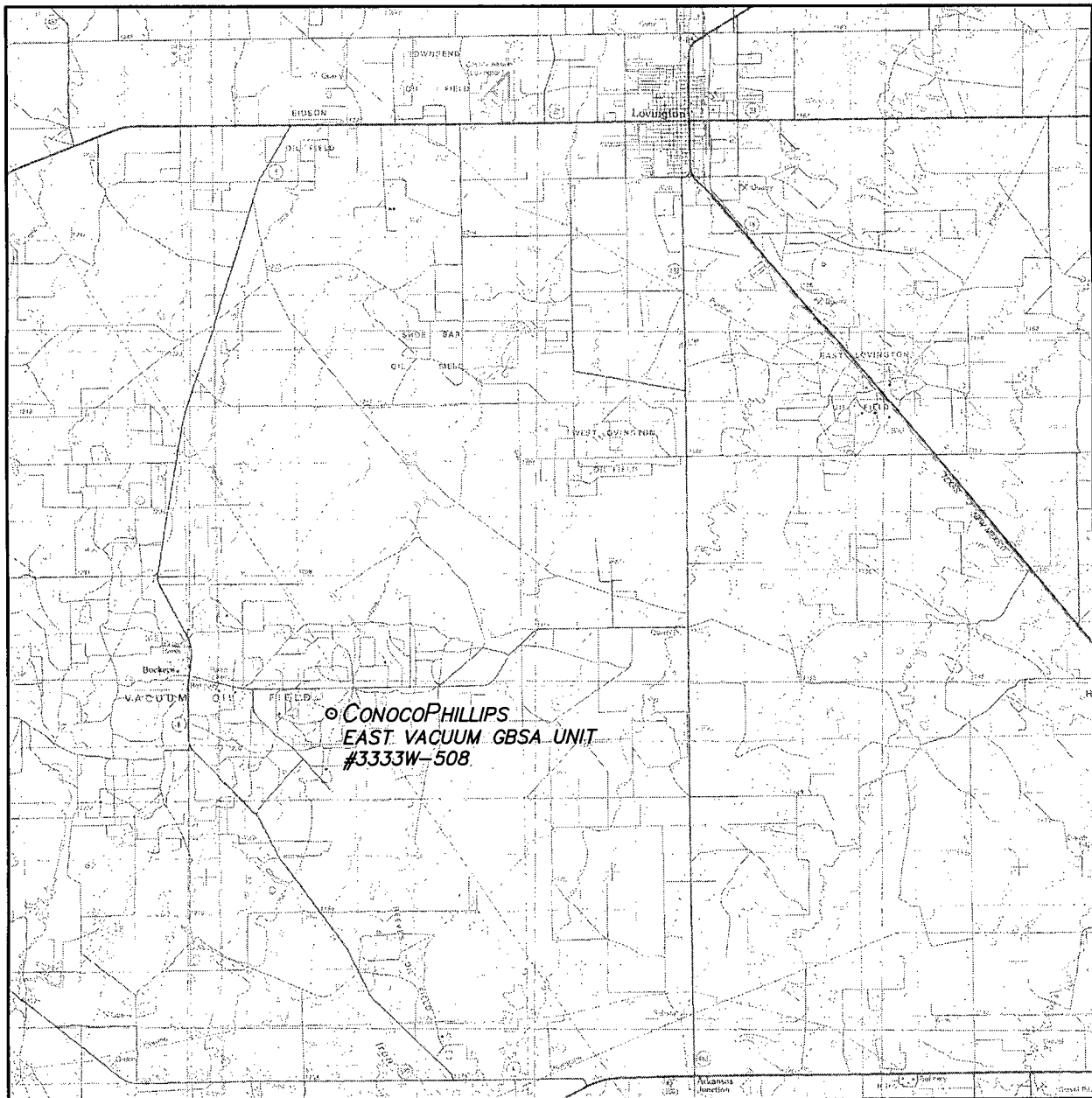
U.S.G.S. TOPOGRAPHIC MAP
LOVINGTON SW, N.M.



**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. 33 TWP. 17-S RGE. 35-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2435' FNL & 2224' FEL

ELEVATION 3943'

OPERATOR CONOCOPHILLIPS

LEASE EAST VACUUM GBSA UNIT



**WEST
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of Midland, Inc.

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MIDLAND TEXAS, 79701
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