

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

State of New Mexico  
Energy Minerals and Natural Resources

Form C-101  
May 27, 2004

RECEIVED

JAN 24 2011

HOBSOCD

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

Submit to appropriate District Office

☐ AMENDED REPORT

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

<sup>1</sup> Operator Name and Address ConocoPhillips Company 3300 N "A" St, Bldg 6 Midland, TX 79705		<sup>2</sup> OGRID Number 217817
<sup>3</sup> Property Code 31172	<sup>5</sup> Property Name East Vacuum GBSA Unit 3333	<sup>4</sup> API Number 30 - 235-40032
<sup>9</sup> Proposed Pool 1 Vacuum; Greyburg- San Andres		<sup>6</sup> Well No. 507
<sup>10</sup> Proposed Pool 2		

<sup>7</sup> Surface Location

UL or lot no. G	Section 33	Township 17-S	Range 35E	Lot Idn	Feet from the 2517	North/South line North	Feet from the 2166	East/Westline East	County Lea
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<sup>8</sup> 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
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Per Bm

Additional Well Information

<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code X	<sup>13</sup> Cable/Rotary Rotary	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3944"
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 4900'	<sup>18</sup> Formation Grayburg San Andres	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 02/05/2011
Depth to Groundwater 230'		Distance from nearest fresh water well		Distance from nearest surface water
Pit: Liner: Synthetic <input type="checkbox"/> milstuck 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"/>				

<sup>21</sup> 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

<sup>22</sup> 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**

<sup>23</sup> 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@conocophilips.com

Date: 01/20/2011

Phone: (432)688-6913

OIL CONSERVATION DIVISION

Approved by:

Title: PETROLEUM ENGINEER

Approval Date: JAN 25 2011

Expiration Date:

Conditions of Approval Attached ☐

DISTRICT I  
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

DISTRICT II  
1301 W. Grand Avenue, Artesia, NM 88210

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

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

JAN 24 2011

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

HOBBS

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-40032</b>	Pool Code <b>62180</b>	Pool Name <b>VACUUM: GRAY/GARY SAN ANTONIO</b>
Property Code <b>31172</b>	Property Name <b>EAST VACUUM GBSA UNIT</b>	Well Number <b>3333-507</b>
OGRID No. <b>217817</b>	Operator Name <b>CONOCOPHILLIPS</b>	Elevation <b>3944'</b>

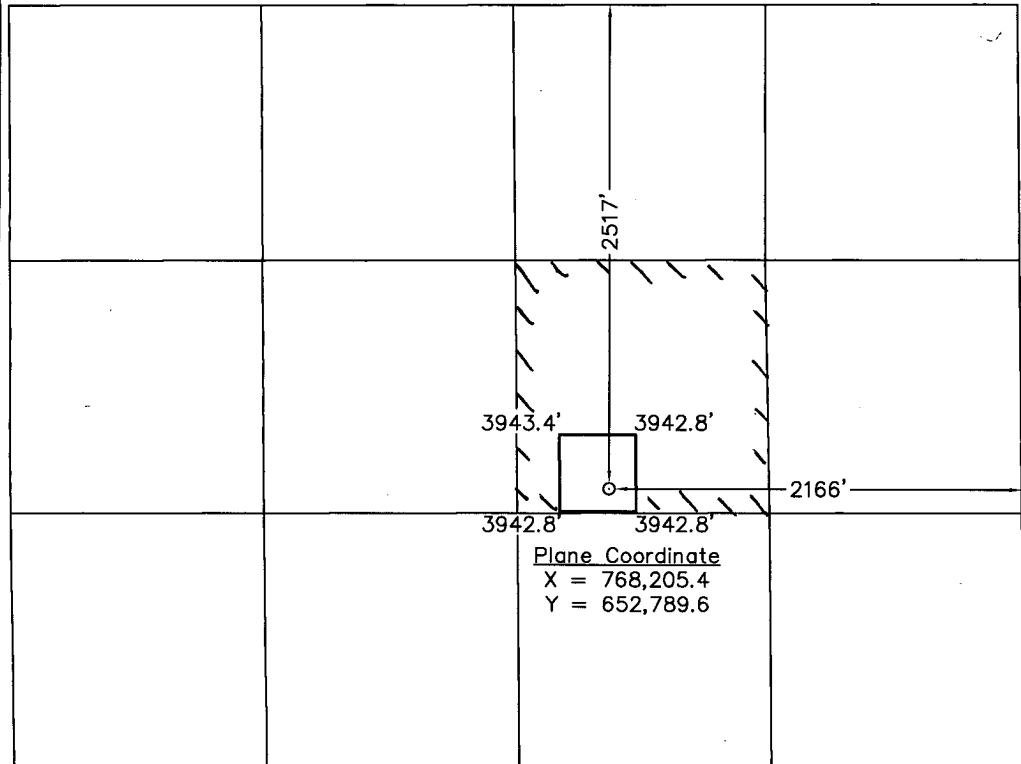
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	33	17-S	35-E		2517	NORTH	2166	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.						

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

	<b>OPERATOR CERTIFICATION</b> 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: <i>[Signature]</i> Date: <b>1/20/11</b> Printed Name: <b>MAIORINO</b>
	<b>SURVEYOR CERTIFICATION</b> 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.  Date of Survey: <b>January 18, 2011</b> Signature & Seal of Professional Surveyor: <i>[Signature]</i> <b>12185</b> W.O. Num. <b>2011-0126</b> Certificate No. <b>MACON, McDONALD 12185</b>

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.

East Vac GBSA Unit 3333 w # 507

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.	

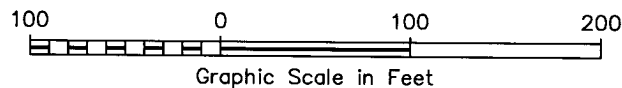
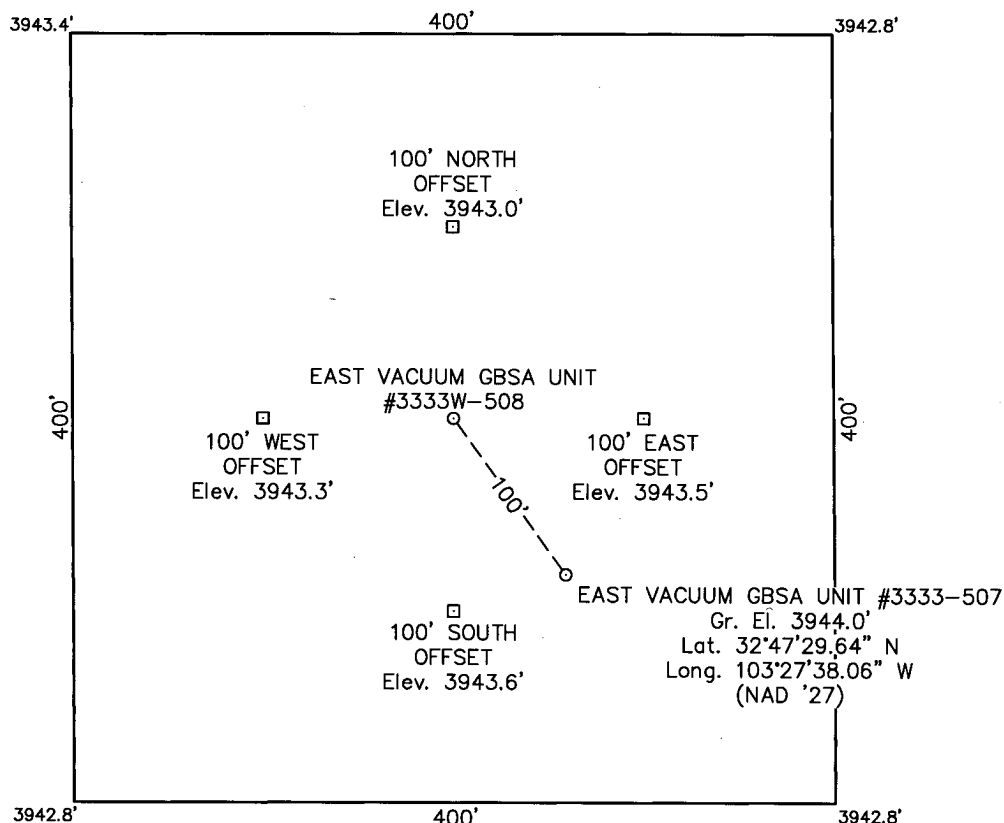
Proposed Blowout Prevention Program			
Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	1000	
Blind Ram	2000	2000	
Pipe Ram	2000	2000	

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

LEA COUNTY

NEW MEXICO

L-2011-0126-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.



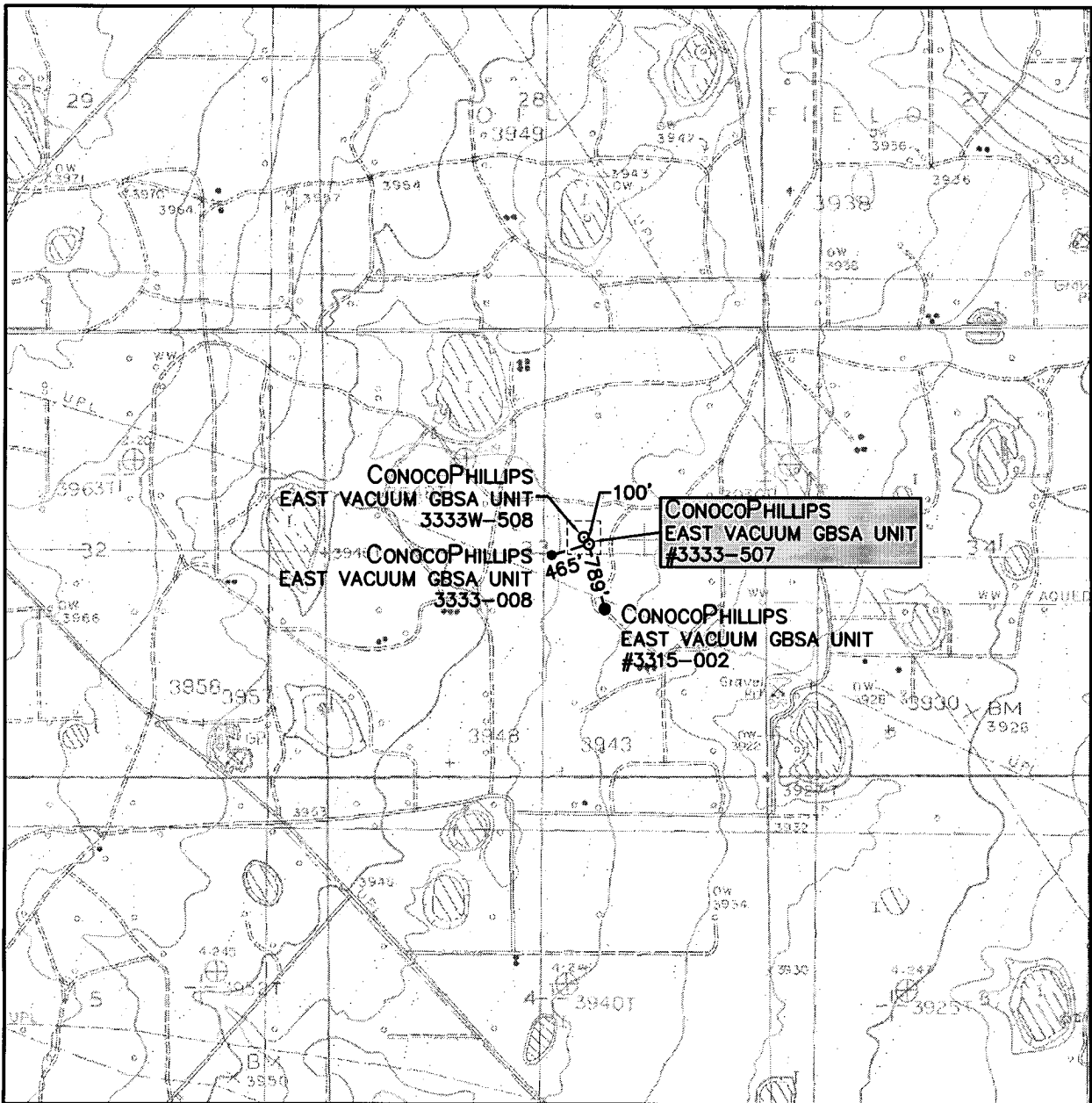
110 W. LOUISIANA, STE. 110  
MIDLAND TEXAS, 79701  
(432) 687-0865 - (432) 687-0868 FAX

**EAST VACUUM GBSA UNIT #3333-507**

**Located 2517' FNL & 2166' FEL, Section 33  
Township 17 South, Range 35 East, N.M.P.M.  
Lea County, New Mexico**

Drawn By: LVA	Date: January 19, 2011
Scale: 1" = 100'	Field Book: 508 / 22
Revision Date:	Quadrangle: Lovington SW
W.O. No: 2011-0126	Dwg. No.: L-2011-0126-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 2517' FNL & 2166' FEL

ELEVATION 3944'

OPERATOR CONOCOPhillips

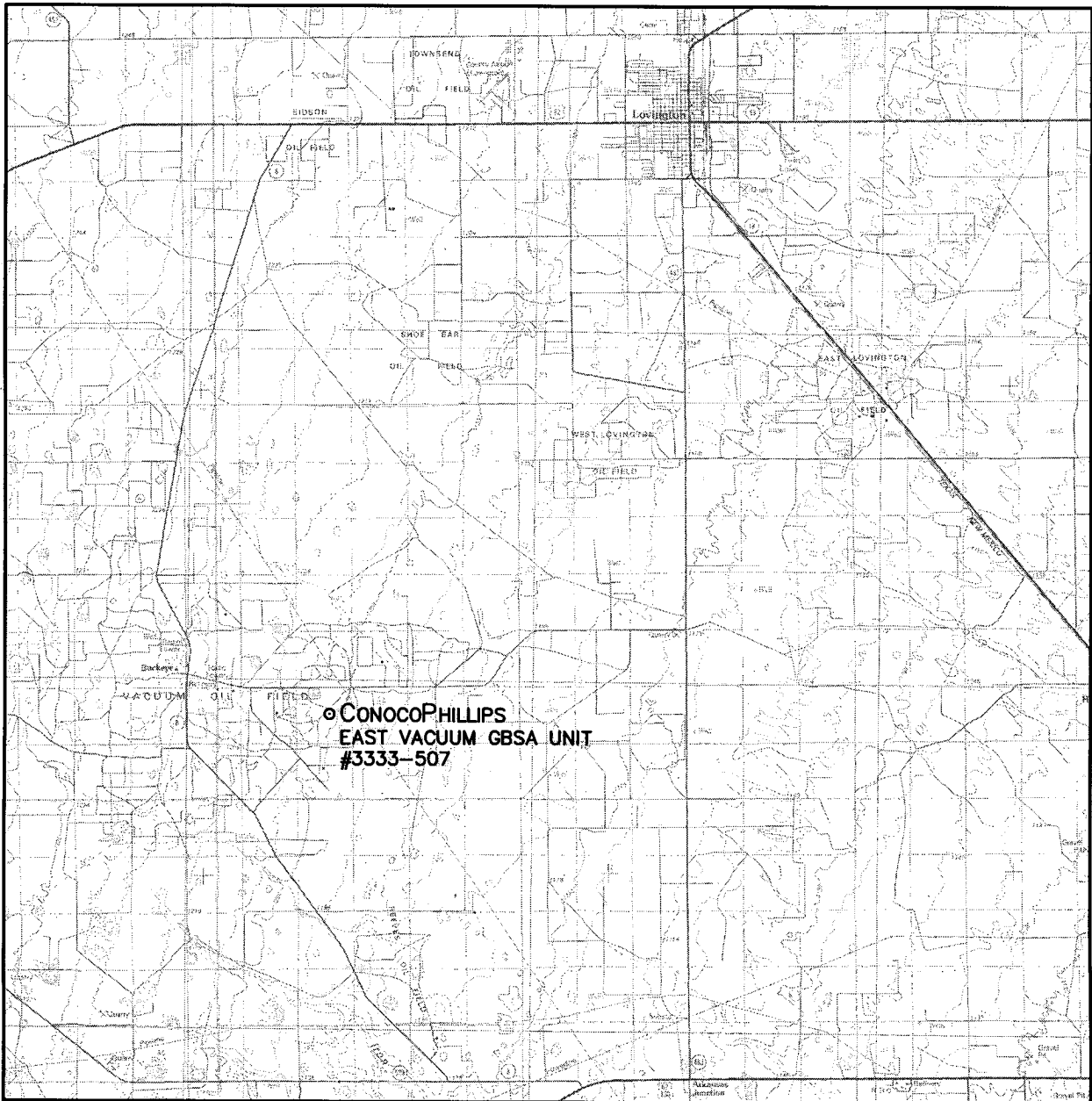
LEASE EAST VACUUM GBSA UNIT

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



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 2517' FNL & 2166' FEL

ELEVATION 3944'

OPERATOR CONOCOPHILLIPS

LEASE EAST VACUUM GBSA UNIT



110 W. LOUISIANA, STE. 110  
MIDLAND TEXAS, 79701  
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