

## 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

## Oil Conservation Division

Submit to appropriate District Office

1220 South St. Francis Dr.

Santa Fe, NM 87505

☐ 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> GRID Number 217817
<sup>3</sup> Property Code 31257		<sup>4</sup> API Number 30 025-21080
<sup>5</sup> Property Name Vacuum Glorieta East Unit, Tract 41		<sup>6</sup> Well No. 02
<sup>9</sup> Proposed Pool 1 Vacuum; Grayburg/San Andres (62180)		<sup>10</sup> Proposed Pool 2

<sup>7</sup> Surface Location

UL or lot no E	Section 28	Township 17S	Range 35E	Lot Idn	Feet from the 2322	North/South line North	Feet from the 660	East/Westline West	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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## Additional Well Information

<sup>11</sup> Work Type Code P	<sup>12</sup> Well Type Code O	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3943' GR
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 6250'	<sup>18</sup> Formation Grayburg/San Andres	<sup>19</sup> Contractor	<sup>20</sup> Spud Date / /2008
Depth to Groundwater 50'		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 type="checkbox"/> Fresh Water <input type="checkbox"/> Brine <input 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
	8-5/8"		1700'	640	
	4-1/2"		6250'	800	

<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.

Well presently completed in the Vacuum; Glorieta within the Vacuum Glorieta East Unit. Propose to re-complete well within the Vacuum; Grayburg/San Andres and, thereby, bring well into the existing East Vacuum Grayburg San Andres Unit Tract #2864 Well #400.

Propose to dump 35' cement on top of CIBP @ 6068', perforate San Andres @ 4518-4533', 4542-4547', 4552-4553', and 4593-4603' w/1 spf, fracture stimulate and return well to production.

This work is to include the use of steel tanks, therefore, a pit permit will not be applicable for this completion.

**Permit Expires 2 Years From Approval**  
**Date Unless Drilling Underway**  
**Plugback**

<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: Celeste G. Dale

Title: Regulatory Specialist

E-mail Address: celeste.g.dale@conocophillips.com

Date 11/06/2008

Phone: (432)688-6884

## OIL CONSERVATION DIVISION

Approved by:

Title: PETROLEUM ENGINEER

Approval Date:

Expiration Date:

DEC 17 2008

Conditions of Approval Attached ☐

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## State of New Mexico

Energy, Minerals &amp; Natural Resources Department

## OIL CONSERVATION DIVISION

1220 South St. Francis 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

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

' API Number 30-025-21080		' Pool Code 62180		' Pool Name Vacuum; Grayburg-San Andres	
' Property Code 31172		' Property Name Vacuum Glorieta East Unit, Tract 41			' Well Number 02
' OGRID No. 217817		' Operator Name ConocoPhillips Company			' Elevation 3943' GL

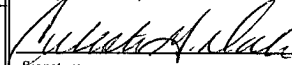
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	28	17S	35E		2322	North	660	West	Lea

<sup>11</sup> 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.

<div style="border: 1px solid black; width: 100px; height: 100px; position: relative;"> <span style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); font-size: 20px;">⊙</span> </div>	<div style="border: 1px solid black; padding: 5px;"> <sup>17</sup> <b>OPERATOR CERTIFICATION</b>  <i>I hereby certify that 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</i>  <div style="display: flex; justify-content: space-between;"> <div>             Signature         </div> <div>           11/06/2008            Date         </div> </div> <div style="border-top: 1px solid black; padding-top: 5px;">           Celeste G. Dale            Printed Name         </div> </div>			
	<div style="border: 1px solid black; padding: 5px;"> <sup>18</sup> <b>SURVEYOR CERTIFICATION</b>  <i>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.</i> </div>			
	<div style="border: 1px solid black; padding: 5px;">           Date of Survey            Signature and Seal of Professional Surveyor              Certificate Number         </div>			