

## 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  
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 31257		<sup>4</sup> API Number 30 025-20869
<sup>5</sup> Property Name Vacuum Glorieta East Unit, Tract 44		<sup>6</sup> Well No 01
<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 L	Section 33	Township 17S	Range 35E	Lot Idn	Feet from the 1700	North/South line South	Feet from the 990	East/Westline West	County Lea
-------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	----------------------	-----------------------	---------------

<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
--------------	---------	----------	-------	---------	---------------	------------------	---------------	---------------	--------

## 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 3940' GR
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 4516'	<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
17-1/2"	13-3/8"	48#	355'	300	Surface
12-1/4"	9-5/8"	36#	3200'	1530	
8-3/4"	7" (liner)	23#	6369'	750	

<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 #3374 Well #400.

Propose to dump 35' cement on top of CIBP @ 6050', perforate San Andres @ 4516-4531', 4540-4560', 4604-4617' w/1 spf & acidize, then, perforate 4391-4409', 4414-4418', 4427-4430', 4448-4460', 4474-4488' w/1 spf, frac well, and return 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 <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Celeste G. Dale		Approved by:	
Title: Regulatory Specialist		Title: PETROLEUM ENGINEER	
E-mail Address: celeste.g.dale@conocophillips.com		Approval Date: DEC 17 2008 Expiration Date:	
Date: 10/28/2008	Phone: (432)688-6884	Conditions of Approval Attached <input type="checkbox"/>	

WELL LOCATION AND ACREAGE DEDICATION PLAT

' API Number 30-025-20869		' Pool Code 62180		' Pool Name Vacuum; Grayburg-San Andres	
' Property Code 31172		' Property Name Vacuum Glorieta East Unit, Tract 44			' Well Number 01
' OGRID No. 217817		' Operator Name ConocoPhillips Company			' Elevation 3940' 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
L	33	17S	35E		1700	South	990	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>16</div>	<div>17 OPERATOR CERTIFICATION</div> <p><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></p> <div> <div>Signature</div> <div>10/28/2008</div> <div>Date</div> </div> <div>Celeste G. Dale</div> <div>Printed Name</div>			
	<div>18 SURVEYOR CERTIFICATION</div> <p><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></p> <div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor</div> </div>			
	<div>Certificate Number</div>			