

## 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 ResourcesOil 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**

<sup>1</sup> Operator Name and Address		<sup>2</sup> OGRID Number
ConocoPhillips Company 3300 N. "A" St., Bldg. 6 Midland, TX 79705-5490		217817
<sup>3</sup> Property Name		<sup>4</sup> API Number
Vacuum Glorieta East Unit (Tract 17)		30,025-20864
<sup>5</sup> Property Code	<sup>6</sup> Well No.	
31257	2	
<sup>7</sup> Proposed Pool 1		<sup>8</sup> Proposed Pool 2
Vacuum; Glorieta		

7 Surface Location									
UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Westline	County
I	31	17S	35E		2080	South	660	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
M	32	17S	35E		1295	South	1100	West	Lea

Additional Well Information					
<sup>11</sup> Work Type Code	<sup>12</sup> Well Type Code	<sup>13</sup> Cable/Rotary	<sup>14</sup> Lease Type Code	<sup>15</sup> Ground Level Elevation	
P	O	R	S	3978' GR	
<sup>16</sup> Multiple	<sup>17</sup> Proposed Depth	<sup>18</sup> Formation	<sup>19</sup> Contractor	<sup>20</sup> Spud Date	
	6105TVD', MD8372'	Glorieta	TBD		
Depth to Groundwater		Distance from nearest fresh water well		Distance from nearest surface water	
75'		>1000'		>1000'	
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 milshick Clay <input type="checkbox"/> Pit Volume: 20910 bbls Drilling Method:					
Closed-Loop System <input type="checkbox"/> Fresh Water <input 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
12-1/4"	8-5/8"	24#	1550'	900sx	
7-7/8"	4-1/2"	9.5#	6500'	1600sx	
Permit Expires 1 Year From Approval Date Unless Drilling Underway					

<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. Per the following Procedure, ConocoPhillips plans to drill a sidetrack of 1200' length within existing cased hole. KOP @ 5938' penetration (formation entry) point location - 1938' FSL & 589' FEL. Sec. 31, schematic attached.

-Set Cast Iron Bridge Plug in Vertical Wellbore

-Set Whipstock above Cast Iron Bridge Plug

-Mill a window in the 5-1/2" casing (window mill off the whipstock)

-Directionally drill 4-3/4" horizontal lateral hole using 10 ppg brine or alternatively a 9 ppg brine or Calcium Carbonate Drill-In Fluid

-Leave the horizontal lateral as an open hole - no casing to be run in it and no cementing in the horizontal lateral.

-Recover the Whipstock

-Drill out the Cast Iron Bridge Plug in the vertical wellbore and clean out the vertical wellbore as needed

-Complete the well with the pump (either beam pump or Electrical Submersible Pump) in the vertical wellbore. Commingle the production from the perforations in the vertical wellbore with the production from the horizontal lateral or abandon the perforations in the vertical wellbore and produce the horizontal lateral by itself as an option.

\*\*Form filed to amend permitted bottom hole location\*\*

<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: 09/12/2007

Phone: (432)688-6884

## OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions of Approval Attached ☐

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State of New Mexico  
Energy, Minerals & 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 30-025-20864		Pool Code 62160	Pool Name Vacuum; Glorieta
Property Code 31257	Property Name Vacuum Glorieta East Unit (Tract 17)		Well Number 2
GRID No. 217817	Operator Name ConocoPhillips Company		Elevation 3978' GR

**10 Surface Location**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	31	17S	35E		2080	South	660	East	Lea

**11 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
M	32	17S	35E		1295	South	1100	West	Lea

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
120			

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>17 OPERATOR CERTIFICATION</b> 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 undivided 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 is a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Celeste G. Dale</i> Date: 09/12/2007 Celeste G. Dale Printed Name
	<b>18 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 Signature and Seal of Professional Surveyor
	Certificate Number