

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

¹ Operator Name and Address ConocoPhillips Company 3300 N. "A" St., Bldg. 6 Midland, TX 79705-5490		² OGRID Number 217817
		³ API Number 30-025-20869
³ Property Code 31257	⁵ Property Name Vacuum Glorieta East Unit (Tract 44)	⁶ Well No. 1
⁹ Proposed Pool 1 Vacuum; Glorieta		¹⁰ Proposed Pool 2

7 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
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8 Proposed Bottom Hole Location If Different From Surface

UL or lot no. F	Section 33	Township 17S	Range 35E	Lot Idn	Feet from the 1750	North/South line North	Feet from the 1830	East/Westline West	County Lea
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Additional Well Information

¹¹ Work Type Code P	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3940' GR
¹⁶ Multiple	¹⁷ Proposed Depth 6086TVD', MD8064'	¹⁸ Formation Glorieta	¹⁹ Contractor TBD	²⁰ Spud Date
Depth to Groundwater 75'		Distance from nearest fresh water well >1000'		Distance from nearest surface water >1000'
Pit: Liner: Synthetic <input checked="" type="checkbox"/> 12 mil thick Clay <input type="checkbox"/>		Pit Volume: 20910 bbls		
Closed-Loop System <input type="checkbox"/>		Drilling Method: 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
17-1/2"	13-3/8"	48#	355'	300sx	
12-1/4"	9-5/8"	36#	3200'	1530sx	
8-3/4"	7" (liner)	23#	3401	750sx	

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.

Per the following Procedure, ConocoPhillips plans to drill a sidetrack within the existing cased hole. KOP @ 6008', penetration (formation entry) point location - 1834' FSL & 1092' FWL Sec. 33, 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.

**Filing form to amend originally submitted application dated 04/13/07

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 <input type="checkbox"/> , a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input checked="" type="checkbox"/> .		OIL CONSERVATION DIVISION	
Approved by:		<i>Chris Williams</i>	
Printed name: Celeste G. Dale		Title: OC DISTRICT SUPERVISOR/GENERAL MANAGER	
Title: Regulatory Specialist		Approval Date: MAY 21 2007 Expiration Date:	
E-mail Address: celeste.g.dale@conocophillips.com		Condition of Approval Attached <input type="checkbox"/>	
Date: 05/07/2007	Phone: (432)688-6884		

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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 30-025-20869		' Pool Code 62160		' Pool Name Vacuum; Glorieta			
' Property Code 31257		' Property Name Vacuum Glorieta East Unit (Tract 44)				' Well Number 1	
' OGRID No. 217817		' Operator Name ConocoPhillips Company				' Elevation 3940' 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
L	33	17S	35E		1700	South	990	West	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
F	33	17S	35E		1750	North	1830	West	Lea

' Dedicated Acres 120	' Joint or Infill	' Consolidation Code	' Order No.
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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 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.</p> <p><i>Celeste G. Dale</i> 05/07/2007 Signature Date</p> <p>Celeste G. Dale Printed Name</p>
	<div>18 SURVEYOR CERTIFICATION</div> <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>Date of Survey Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>