

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 30 025-30437
⁴ Property Code 31257	⁵ Property Name Vacuum Glorieta East Unit (Tract 1)	⁶ Well No. 6
⁷ Proposed Pool 1 Vacuum; Glorieta		⁸ Proposed Pool 2

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/Westline	County
O	28	17S	35E		1195	South	2518	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	28	17S	35E		245	South	1127	West	Lea

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 3938' GR, RKB 3961'
¹⁶ Multiple	¹⁷ Proposed Depth TVD 6041', MD7908'	¹⁸ Formation Glorieta	¹⁹ Contractor Nabors	²⁰ Spud Date 09/05/2007
Depth to Groundwater 75'		Distance from nearest fresh water well >1000'		Distance from nearest surface water >1000'
Drilling Method: Fresh Water <input type="checkbox"/> Brine <input checked="" type="checkbox"/> Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				
Liner: Synthetic <input checked="" type="checkbox"/> 12 mil thick Clay <input type="checkbox"/> Pic Volume: 20910 bbls Closed-Loop System <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#	469'	500sx Cl "C"	
12-1/4"	8-5/8"	24# & 32#	4764'	1950sx Cl "C"	
7-7/8"	5-1/2"	14#	6300'	350sx Cl "H"	

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.

Amendment filed to change the KOP depth, TVD, TMD and borehole length

Per the following Procedure, ConocoPhillips plans to drill a sidetrack of 1726' length within existing cased hole. KOP @ 5808' Approval

-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.

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 ☐ 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: 09/05/2007

Phone: (432)688-6884

OIL CONSERVATION DIVISION

Approved by:

Chris Williams

Title: DISTRICT SUPERVISOR/GENERAL MANAGER

Approval Date: SEP 07 2007

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 30-025-30437		* Pool Code 62160	* Pool Name Vacuum; Glorieta
* Property Code 31257	* Property Name Vacuum Glorieta East Unit (Tract 1)		* Well Number 6
* OGRID No. 217817	* Operator Name ConocoPhillips Company		* Elevation 3938' 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
O	28	17S	35E		1195	South	2518	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	28	17S	35E		245	South	1127	West	
* Dedicated Acres 120		* 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="text-align: center;">16</div>	¹⁷ OPERATOR CERTIFICATION 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.	
	Signature: <u>Celeste G. Dale</u> Date: <u>09/06/2007</u> Printed Name: <u>Celeste G. Dale</u>	
	¹⁸ SURVEYOR CERTIFICATION 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: _____		