

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 154211

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address CONOCOPHILLIPS COMPANY 3401 E. 30th Street Farmington, NM 87402		2. OGRID Number 217817
		3. API Number 30-025-40738
4. Property Code 31257	5. Property Name VACUUM GLORIETA EAST UNIT	6. Well No. 034

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
K	32	17S	35E	K	2150	S	2233	W	LEA

8. Pool Information

VACUUM;GLORIETA	62160
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Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3967
14. Multiple N	15. Proposed Depth 6420	16. Formation Paddock	17. Contractor	18. Spud Date 11/15/2012
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

19. Proposed Casing and Cement Program

Type	Hole Size	Casing Type	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	24	1570	700	0
Prod	7.875	5.5	15.5	6420	1350	0

Casing/Cement Program: Additional Comments

The surface cement plan includes 500sks of lead slurry and 200sks of tail slurry. The production cement plan includes 1000 sks of lead slurry and 350sks of tail slurry. Amounts of cement actually used will be adjusted, based on hole conditions, in order to achieve an acceptable cement job.

Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	4500	Control Flow Inc.

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"/> . Printed Name: Electronically filed by Patsy Chugston Title: Senior Regulatory Specialist Email Address: patsy.l.chugston@conocophillips.com Date: 8/28/2012 Phone: 505-326-9518	OIL CONSERVATION DIVISION	
	Approved By: Paul Kautz	
	Title: Geologist	
	Approved Date: 8/31/2012	Expiration Date: 8/31/2014
	Conditions of Approval Attached	

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Phone (505) 478-3480 Fax: (505) 478-3482

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011

Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number		Pool Code	Pool Name
		62160	Vacuum Glorieta
Property Code	Property Name		Well Number
31257	VACUUM GLORIETA EAST UNIT		19-34
GRID No.	Operator Name		Elevation
217817	CONOCO PHILLIPS		3967'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	32	17 S	35 E		2150	SOUTH	2233	WEST	LEA

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		Joint or Infill		Consolidation Code		Order No.			
40									

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

<p>SURFACE LOCATION Lat - N 32°47'24.32" Long - W 103°28'52.34" NMSPCE- N 652220.940 E 803200.355 (NAD-83) Lat - N 32°47'23.87" Long - W 103°28'50.56" NMSPCE- N 652156.048 E 762021.359 (NAD-27)</p>	<p>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.</p> <p><u>Susan B. Maunder</u> 8/24/12 Signature Date</p> <p><u>Susan B. Maunder</u> Printed Name</p> <p><u>Susan.B.maunder@conocophillips.com</u> Email Address</p>
	<p>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.</p> <p> Date Surveyed Signature & Seal of Professional Surveyor</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS 26933</p>

Permit Comments

Operator: CONOCOPHILLIPS COMPANY , 217817

Well: VACUUM GLORIETA EAST UNIT #034

API: 30-025-40738

Created By	Comment	Comment Date
pkautz	Land s/S	8/28/2012
CHERRERA	OCD RECEIVED FORM C144 CLEZ. OCD PERMIT #P1-05137	8/31/2012

Permit Conditions of Approval

Operator: CONOCOPHILLIPS COMPANY , 217817

Well: VACUUM GLORIETA EAST UNIT #034

API: 30-025-40738

OCD Reviewer	Condition
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string