

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 154212

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 30-025-40736
4. Property Code 31257	5. Property Name VACUUM GLORIETA EAST UNIT	6. Well No. 031

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	31	17S	35E	A	969	N	153	E	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 3975
14. Multiple N	15. Proposed Depth 6463	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	1603	700	0
Prod	7.875	5.5	15.5	6463	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 1000sks 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 and have cement to surface.

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

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Form C-102
August 1, 2011
Permit 154212

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-40736	2. Pool Code 62160	3. Pool Name VACUUM;GLORIETA
4. Property Code 31257	5. Property Name VACUUM GLORIETA EAST UNIT	6. Well No. 031
7. OGRID No. 217817	8. Operator Name CONOCOPHILLIPS COMPANY	9. Elevation 3975




10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	31	17S	35E		969	N	153	E	LEA

11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	31	17S	35E	A	810	N	623	E	LEA
12. Dedicated Acres 40.00	13. Joint or Infill	14. Consolidation Code	15. 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

<table border="1" style="width: 100%; border-collapse: collapse; height: 150px;"> <tr> <td style="width: 25%; height: 40px;"></td> <td style="width: 25%; height: 40px;"></td> <td style="width: 25%; height: 40px;"></td> <td style="width: 25%; height: 40px; background-color: #cccccc; text-align: center;">  </td> </tr> <tr> <td style="height: 40px;"></td> <td style="height: 40px;"></td> <td style="height: 40px;"></td> <td style="height: 40px;"></td> </tr> <tr> <td style="height: 40px;"></td> <td style="height: 40px;"></td> <td style="height: 40px;"></td> <td style="height: 40px;"></td> </tr> <tr> <td style="height: 40px;"></td> <td style="height: 40px;"></td> <td style="height: 40px;"></td> <td style="height: 40px;"></td> </tr> </table>																	<p style="text-align: center;">OPERATOR CERTIFICATION</p> <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(s) 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> <p>E-Signed By: Patsy Clugston Title: Senior Regulatory Specialist Date: 8/28/2012</p> <hr/> <p style="text-align: center;">SURVEYOR CERTIFICATION</p> <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> <p>Surveyed By: Gary Jones Date of Survey: 7/13/2012 Certificate Number: 7977</p>
																	

Permit Comments

Operator: CONOCOPHILLIPS COMPANY , 217817

Well: VACUUM GLORIETA EAST UNIT #031

API: 30-025-40736

Created By	Comment	Comment Date
pkautz	Land s/S	8/28/2012
CHERRERA	OCD RECEIVED FORM C144 CLEZ. OCD PERMIT # P1-05135	8/31/2012

Permit Conditions of Approval

Operator: CONOCOPHILLIPS COMPANY , 217817

Well: VACUUM GLORIETA EAST UNIT #031

API: 30-025-40736

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