

**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 162147

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

1. Operator Name and Address ALAMO PERMIAN RESOURCES, LLC 415 W. Wall Street, Suite 500 Midland, TX 79701		2. OGRID Number 274841
		3. API Number 30-015-41077
4. Property Code 38543	5. Property Name STATE 647	6. Well No. 204

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	25	17S	28E	P	660	S	790	E	EDDY

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	25	17S	28E	P	660	S	790	E	Eddy

**9. Pool Information**

ARTESIA;QUEEN-GRAYBURG-SAN ANDRES	3230
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3673
16. Multiple N	17. Proposed Depth 2700	18. Formation San Andres	19. Contractor	20. Spud Date
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

**21. 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	650	425	
Prod	7.875	5.5	15.5	2700	650	

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	3000	HYDRIL

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> , if applicable. Signature:	<b>OIL CONSERVATION DIVISION</b> Approved By: Randy Dade
Printed Name: Electronically filed by CARIE A STOKER	Title: District Supervisor
Title: REGULATORY AFFAIRS COORDINATOR	Approved Date: 2/12/2013   Expiration Date: 2/12/2015
Email Address: cstoker@helmsoil.com	
Date: 2/8/2013   Phone: 432-664-7659	Conditions of Approval Attached

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

Form C-102  
 August 1, 2011  
 Permit 162147

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

1. API Number 30-015-41077	2. Pool Code 3230	3. Pool Name ARTESIA;QUEEN-GRAYBURG-SAN ANDRES
4. Property Code 38543	5. Property Name STATE 647	6. Well No. 204
7. OGRID No. 274841	8. Operator Name ALAMO PERMIAN RESOURCES, LLC	9. Elevation 3673

**10. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
P	25	17S	28E		660	S	790	E	EDDY

**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
12. Dedicated Acres 40.00		13. Joint or Infill		14. Consolidation Code N/A		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"> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td align="center">■</td></tr> </table>																■	<p align="center"><b>OPERATOR CERTIFICATION</b></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: CARIE A STOKER        Title: REGULATORY AFFAIRS COORDINATOR        Date: 2/8/2013</p>
			■														
<p align="center"><b>SURVEYOR CERTIFICATION</b></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: FILIMON JARAMILLO        Date of Survey: 12/13/2012        Certificate Number: 12797</p>																	

## Permit Comments

**Operator:** ALAMO PERMIAN RESOURCES, LLC , 274841

**Well:** STATE 647 #204

**API:** 30-015-41077

Created By	Comment	Comment Date
CSTOKER	PROPERTY CODE 308487	2/8/2013
CSHAPARD	Land p/S	2/11/2013

## Permit Conditions of Approval

Operator: ALAMO PERMIAN RESOURCES, LLC , 274841

Well: STATE 647 #204

API: 30-015-41077

OCD Reviewer	Condition
CSHAPARD	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