

**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 139264

**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 30-015-39639
4. Property Code 308502	5. Property Name WEST ARTESIA GRAYBURG UNIT	6. Well No. 028

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	8	18S	28E	C	330	N	1440	W	EDDY

**8. Pool Information**

ARTESIA;QUEEN-GRAYBURG-SAN ANDRES	3230
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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 3633
14. Multiple N	15. Proposed Depth 2500	16. Formation Grayburg	17. Contractor	18. Spud Date
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	450	300	
Prod	7.875	5.5	15.5	2500	600	

**Casing/Cement Program: Additional Comments**

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**Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Annular	1000	2000	REAGAN

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 CARIE A STOKER Title: Email Address: cstoker@helmsol.com Date: 11/16/2011	<b>OIL CONSERVATION DIVISION</b>	
	Approved By: Randy Dade	
	Title: District Supervisor	
	Approved Date: 11/18/2011	Expiration Date: 11/18/2013
	Conditions of Approval Attached	

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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 15, 2009  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name
<sup>4</sup> Property Code	<sup>5</sup> Property Name WEST ARTESIA GRAYBURG UNIT	<sup>6</sup> Well Number 28
<sup>7</sup> OGRID No. 274841	<sup>8</sup> Operator Name ALAMO PERMIAN RESOURCES, LLC	<sup>9</sup> Elevation 3633.8

<sup>10</sup> Surface Location

UL or lot no. C	Section 8	Township 18 S	Range 28 E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 1440	East/West line WEST	County EDDY
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<sup>11</sup> 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
<sup>12</sup> Dedicated Acres <sup>13</sup> Joint or Infill <sup>14</sup> Consolidation Code <sup>15</sup> 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.

		<b><sup>17</sup> OPERATOR CERTIFICATION</b> <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 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>  Signature: <i>[Signature]</i> Date: 11/16/11 Printed Name: _____	
<b><sup>18</sup> SURVEYOR CERTIFICATION</b> <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> NOVEMBER 11, 2011 Date of Survey: _____ Signature and Seal of Professional Surveyor: <i>[Signature]</i> Certificate Number: FILIMON F. JARAMILLO, PLS 12797 SURVEY NO. 660			

## Permit Comments

Operator: ALAMO PERMIAN RESOURCES, LLC , 274841

Well: WEST ARTESIA GRAYBURG UNIT #028

API: 30-015-39639

Created By	Comment	Comment Date
CSHAPARD	Land s/S	11/18/2011
CSHAPARD	Spoke with Alamo concerning rule 59.	11/18/2011
CSHAPARD	Rule 40	11/18/2011

# Permit Conditions of Approval

Operator: ALAMO PERMIAN RESOURCES, LLC , 274841

Well: WEST ARTESIA GRAYBURG UNIT #028

API: 30-015-39639

OCD Reviewer	Condition
CSHAPARD	Will require administrative order for non-standard location
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