

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 144335

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 30-015-39953
4. Property Code 308502	5. Property Name WEST ARTESIA GRAYBURG UNIT	6. Well No. 033

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
H	8	18S	28E	H	1650	N	330	E	EDDY

8. Pool Information

ARTESIA;QUEEN-GRAYBURG-SAN ANDRES	3230
-----------------------------------	------

Additional Well Information

9. Work Type New Well	10. Well Type OIL	11. Cable/Rotary	12. Lease Type State	13. Ground Level Elevation 3640
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

--

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 ☐ , a general permit ☐ , or an (attached) alternative OCD-approved plan ☐ .	OIL CONSERVATION DIVISION	
Printed Name: Electronically filed by CARIE A STOKER	Approved By: Randy Dade	
Title:	Title: District Supervisor	
Email Address: cstoker@helmsoil.com	Approved Date: 2/16/2012	Expiration Date: 2/16/2014
Date: 2/14/2012	Phone: 432-664-7659	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

Form C-102
Revised October 15, 2009
Submit one copy to appropriate
District Office
☐ AMENDED REPORT

☐ AMENDED REPORT☐ AMENDED REPORT☐ AMENDED REPORT☐ AMENDED REPORT☐ AMENDED REPORT☐ AMENDED REPORT☐ AMENDED REPORT

Permit Comments

Operator: ALAMO PERMIAN RESOURCES, LLC , 274841

Well: WEST ARTESIA GRAYBURG UNIT #033

API: 30-015-39953

Created By	Comment	Comment Date
CSHAPARD	Land s/S	2/15/2012

Permit Conditions of Approval

Operator: ALAMO PERMIAN RESOURCES, LLC , 274841

Well: WEST ARTESIA GRAYBURG UNIT #033

API: 30-015-39953

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