

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 138839

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 30-015-39722
4. Property Code 308448	5. Property Name CEDAR LAKE	6. Well No. 004

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	30	17S	31E	1	990	N	330	W	EDDY

8. Pool Information

GRAYBURG JACKSON;SR-Q-G-SA	28509
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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 3604
14. Multiple N	15. Proposed Depth 3500	16. Formation San Andres	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	550	400	
Prod	7.875	5.5	17	3500	630	

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 ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐ .	OIL CONSERVATION DIVISION	
	Approved By: Randy Dade	
	Title: District Supervisor	
	Approved Date: 11/30/2011	Expiration Date: 11/30/2013
Printed Name: Electronically filed by CARIE A STOKER		
Title:		
Email Address: cstoker@helmsoil.com		
Date: 11/29/2011	Phone: 432-664-7659	Conditions of Approval Attached

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Form C-102
August 1, 2011
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WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-39722	2. Pool Code 28509	3. Pool Name GRAYBURG JACKSON;SR-Q-G-SA
4. Property Code 308448	5. Property Name CEDAR LAKE	6. Well No. 004
7. OGRID No. 274841	8. Operator Name ALAMO PERMIAN RESOURCES, LLC	9. Elevation 3604

10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	30	17S	31E	D	990	N	330	W	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		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; text-align: center; vertical-align: middle;">  </td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> <td style="width: 25%;"></td> </tr> <tr><td style="height: 40px;"></td><td></td><td></td><td></td></tr> <tr><td style="height: 40px;"></td><td></td><td></td><td></td></tr> <tr><td style="height: 40px;"></td><td></td><td></td><td></td></tr> </table>																	OPERATOR CERTIFICATION <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> E-Signed By: CARIE A STOKER Title: Date: 11/29/2011 SURVEYOR CERTIFICATION <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> Surveyed By: FILIMON JARAMILLO Date of Survey: 11/18/2011 Certificate Number: 12797
																	

Permit Comments

Operator: ALAMO PERMIAN RESOURCES, LLC , 274841

Well: CEDAR LAKE #004

API: 30-015-39722

Created By	Comment	Comment Date
CSHAPARD	Land s/S	11/30/2011

Permit Conditions of Approval

Operator: ALAMO PERMIAN RESOURCES, LLC , 274841

Well: CEDAR LAKE #004

API: 30-015-39722

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