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

Phone:(3/3) /48-1283 Fax:(3/3) /48-9/20 District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(305) 334-6178 Fax:(505) 334-6170 District IV District IV 1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(305) 476-3470 Fax:(505) 476-3462

Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr.

State of New Mexico

Santa Fe, NM 87505

Form C-101 August 1, 2011

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

1. Operator 1	Varme and Address	2. OGRID Number		
	N RESOURCES, LLC	274841		
415 W. Wall Street, Suite 500 Midland, TX 79701	3. API Number			
IVIIdialit	, 1A 19101	30-015-41186		
4. Property Code	5. Property Name	6. Well No.		
308496	STATE N	002		

	rfac		

UL - Lot									
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	8	188	28E	N	1060	S	1600	W	EDDY

8. Proposed Bottom Hole Location

			٠.	Troposee	Dottom II	ore Location	-	2 2	
UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	8	188	28E	N	1060	S	1600	W	Eddy

9. Pool Information

ARTESIA;QUEEN-GRAYBURG-SAN ANDRES	3230

Additional Well Information

11. Work Type 12. Wett New Well OII		e 13. Cable/Rotary	14. Lesse Type State	15. Ground Level Elevation 3522
16. Multiple 17. Proposed I N 2500		epth 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	550	400	
Prod	7.875	5.5	15.5	2500	600	

Casing/Cement Program: Additional Comments

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	2000	3000	HYDRIL

best of my knowledge and belie		OIL CONSERVATION DIVISION					
I further certify I have compl 19.15.14.9 (B) NMAC X, if a	lied with 19.15.14.9 (A) NMAC A and/or pplicable.	Approved By: Randy Dade					
Signature:							
Printed Name: Electronica	ally filed by CARIE A STOKER	Title: District Supervisor					
Title: REGULATORY A	FFAIRS COORDINATOR	Approved Date: 3/12/2013 Expiration Date: 3/12/2015					
Email Address: cstoker@	helmsoil.com						
Date: 3/8/2013	Phone: 432-664-7659	Conditions of Approval Attached					

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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-102 August 1, 2011

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-015-41186	2. Pool Code 3230	3. Pool Name ARTESIA; QUEEN-GRAYBURG-SAN AN		
4. Property Code 308496		5. Property Name STATE N		
7. OGRID No. 274841		8. Operator Name ALAMO PERMIAN RESOURCES, LLC		

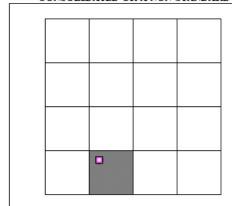
10. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
N	8	188	28E		1060	S	1600	W	EDDY

11 Rottom Hole Location If Different From Surface

	11. Bottom Hote Estation II Birter Cht 110m Surface										
UL - Lot	Section	Township	Range	Lot	Idn	Feet From	N/S L	ine	Feet From	E/W Line	County
12. Dedicated Acres		13. 1	oint or Infill		14	. Consolidation (Code			15. Order No.	
40	.00					N/A					

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



OPERATOR CERTIFICATION

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.

E-Signed By: CARIE A STOKER

Title: REGULATORY AFFAIRS COORDINATOR

Date: 3/8/2013

SURVEYOR CERTIFICATION

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.

Surveyed By: FILIMON JARAMILLO

Date of Survey: 12/13/2012 Certificate Number: 12797

Permit Comments

Operator: ALAMO PERMIAN RESOURCES, LLC , 274841 Well: STATE N #002 API: 30-015-41186

Created By	Comment	Comment Date
CSTOKER	PROPERTY CODE 308498	2/11/2013
CSHAPARD	Land s/S	3/11/2013

Permit Conditions of Approval

Operator: ALAMO PERMIAN RESOURCES, LLC , 274841 Well: STATE N #002 API: 30-015-41186

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