

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 243471

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

1. Operator Name and Address MANZANO LLC P.O. Box 1737 Roswell, NM 88202		2. OGRID Number 231429
4. Property Code 319786		3. API Number 30-041-20973
5. Property Name DOMINO 21 16 STATE COM		6. Well No. 005H

7. Surface Location

UL - Lot E	Section 21	Township 06S	Range 34E	Lot Idn E	Feet From 2500	N/S Line N	Feet From 568	E/W Line W	County Roosevelt
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8. Proposed Bottom Hole Location

UL - Lot D	Section 16	Township 06S	Range 34E	Lot Idn D	Feet From 280	N/S Line N	Feet From 528	E/W Line W	County Roosevelt
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9. Pool Information

CHAVEROO;SAN ANDRES, NORTHEAST	12080
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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 4355
16. Multiple N	17. Proposed Depth 11900	18. Formation San Andres	19. Contractor	20. Spud Date 11/6/2017
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	12.25	8.625	32	2800	900	0
Prod	7.875	5.5	20	11900	2000	0

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	5000	5000	SHAFFER

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: _____ Printed Name: Electronically filed by Michael Hanagan Title: Manager Email Address: debbi@manzanoenergy.com Date: 10/24/2017	<div style="text-align: center;">OIL CONSERVATION DIVISION</div> Approved By: Paul Kautz Title: Geologist Approved Date: 10/30/2017 Expiration Date: 10/30/2019 Conditions of Approval Attached
Phone: 505-623-1996	

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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

Permit 243471

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-041-20973	2. Pool Code 12080	3. Pool Name CHAVEROO;SAN ANDRES, NORTHEAST
4. Property Code 319786	5. Property Name DOMINO 21 16 STATE COM	6. Well No. 005H
7. OGRID No. 231429	8. Operator Name MANZANO LLC	9. Elevation 4355

10. Surface Location

UL - Lot E	Section 21	Township 06S	Range 34E	Lot Idn E	Feet From 2500	N/S Line N	Feet From 568	E/W Line W	County Roosevelt
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11. Bottom Hole Location If Different From Surface

UL - Lot D	Section 16	Township 06S	Range 34E	Lot Idn D	Feet From 280	N/S Line N	Feet From 528	E/W Line W	County Roosevelt
12. Dedicated Acres 240.00	13. Joint or Infill			14. Consolidation Code Communitization			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

	<p align="center">OPERATOR CERTIFICATION</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: Michael Hanagan</p> <p>Title: Manager</p> <p>Date: 10/24/2017</p>
	<p align="center">SURVEYOR CERTIFICATION</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: GARY JONES</p> <p>Date of Survey: 10/10/2017</p> <p>Certificate Number: 7977</p>

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Form APD Comments

Permit 243471

PERMIT COMMENTS

Operator Name and Address: MANZANO LLC [231429] P.O. Box 1737 Roswell, NM 88202		API Number: 30-041-20973
		Well: DOMINO 21 16 STATE COM #005H

Created By	Comment	Comment Date
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Form APD Conditions

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Permit 243471

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MANZANO LLC [231429] P.O. Box 1737 Roswell, NM 88202	API Number: 30-041-20973
	Well: DOMINO 21 16 STATE COM #005H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	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
pkautz	Pit construction and closure must satisfy all requirements of your approved plan.
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	SURFACE & PRODUCTION CASING - Cement must circulate to surface
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 20 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104