

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 254032

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

1. Operator Name and Address MANZANO LLC P.O. Box 2107 Roswell , NM 88202		2. OGRID Number 231429
4. Property Code 321604		3. API Number 30-025-44916
5. Property Name TRINITY 22 STATE COM		6. Well No. 001H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	27	12S	38E	A	655	N	165	E	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
A	22	12S	38E	A	50	N	528	E	Lea

9. Pool Information

GLADIOLA;SAN ANDRES	27810
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 3804
16. Multiple N	17. Proposed Depth 10750	18. Formation San Andres	19. Contractor	20. Spud Date 6/30/2018
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	2320	900	0
Prod	7.875	5.5	20	10750	1750	0

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	SHAEFER

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 ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature: _____ Printed Name: Electronically filed by Michael Hanagan Title: Manager Email Address: debbi@manzanoenergy.com Date: 6/25/2018	OIL CONSERVATION DIVISION Approved By: Paul F Kautz Title: Geologist Approved Date: 6/28/2018 Expiration Date: 6/28/2020 Conditions of Approval Attached
Phone: 505-623-1996	

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Form C-102
August 1, 2011

Permit 254032

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number 30-025-44916	2. Pool Code 27810	3. Pool Name GLADIOLA;SAN ANDRES
4. Property Code 321604	5. Property Name TRINITY 22 STATE COM	6. Well No. 001H
7. OGRID No. 231429	8. Operator Name MANZANO LLC	9. Elevation 3804

10. Surface Location

UL - Lot A	Section 27	Township 12S	Range 38E	Lot Idn A	Feet From 655	N/S Line N	Feet From 165	E/W Line E	County Lea
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11. Bottom Hole Location If Different From Surface

UL - Lot P	Section 22	Township 12S	Range 38E	Lot Idn P	Feet From 100	N/S Line S	Feet From 330	E/W Line E	County Lea
12. Dedicated Acres 160.00			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

[illegible]

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Form APD Comments

Permit 254032

PERMIT COMMENTS

Operator Name and Address: MANZANO LLC [231429] P.O. Box 2107 Roswell , NM 88202		API Number: 30-025-44916
		Well: TRINITY 22 STATE COM #001H

Created By	Comment	Comment Date
pkautz	Horizontal Spacing Unit HZSU for well will be a Defining spacing unit.	6/26/2018
pkautz	Requested GCP on 06/26/2018	6/26/2018

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Form APD Conditions

Permit 254032

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: MANZANO LLC [231429] P.O. Box 2107 Roswell , NM 88202	API Number: 30-025-44916
	Well: TRINITY 22 STATE COM #001H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	SURFACE & PRODUCTION CASING - Cement must circulate to surface
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
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 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	Stage Tool - 1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.