

MAY 23 2019

Form C-105

Revised April 3, 2017

Submit To Appropriate District Office  
Two Copies  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

1. WELL NAME  
30-025-45433

2. Type of Lease

☒ STATE ☐ FEE ☐ FED/INDIAN

3. State Oil & Gas Lease No.

### WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)

☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

7. Type of Completion:

☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator

MANZANO, LLC

10. Address of Operator

PO BOX 1737

ROSWELL, NM 88202-1737

5. Lease Name or Unit Agreement Name

WEST CROSSROADS SAN ANDRES UNIT

6. Well Number:

324H

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	C	5	10 S	36 E		600	NORTH	1584	WEST	LEA
BH:	C	32	9 S	36 E		58	NORTH	1567	WEST	LEA

13. Date Spudded 12/27/18	14. Date T.D. Reached 1/4/19	15. Date Rig Released 1/5/19	16. Date Completed (Ready to Produce) 4/24/19	17. Elevations (DF and RKB, RT, GR, etc.) RKB @ 4062'
18. Total Measured Depth of Well 10332		19. Plug Back Measured Depth 10300	20. Was Directional Survey Made? YES	21. Type Electric and Other Logs Run GAMMA RAY & MUD LOG

22. Producing Interval(s), of this completion - Top, Bottom, Name

5210-10281', SAN ANDRES

### CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB/FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8.625	32	2243	12.25	850sx	0
5.5	20	10305	7.875	2050	0

24. SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	25. SIZE	DEPTH SET	PACKER SET
					2.875	4843	

26. Perforation record (interval, size, and number)

5210'-10281', 0.42", 1200 HOLES

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

5210-10281 2,457,763# SAND IN 80,955 BBL's  
+ 4155 BBL ACID

### PRODUCTION

Date First Production 4/24/19		Production Method (Flowing, gas lift, pumping - Size and type pump) ESP PUMP			Well Status (Prod. or Shut-in) PROD		
Date of Test 5/21/19	Hours Tested 24 HOURS	Choke Size	Prod'n For Test Period	Oil - Bbl 61	Gas - MCF 30	Water - Bbl. 2197	Gas - Oil Ratio 491:1
Flow Tubing Press.	Casing Pressure	Calculated 24- Hour Rate	Oil - Bbl. 61	Gas - MCF 30	Water - Bbl. 2197	Oil Gravity - API - (Corr.) 30	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
FLARED

30. Test Witnessed By  
R. COLLINS

31. List Attachments

GAMMA RAY LOG, MUD LOG

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. Rig Release Date:

34. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude

Longitude

NAD83

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature

Printed  
Name

MIKE HANAGAN

Title MANAGER

Date 4/13/19

E-mail Address mike@manzanoenergy.com

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	<u>2260'</u>	T. Canyon	T. Ojo Alamo
T. Salt		T. Strawn	T. Kirtland
B. Salt		T. Atoka	T. Fruitland
T. Yates		T. Miss	T. Pictured Cliffs
T. 7 Rivers		T. Devonian	T. Cliff House
T. Queen		T. Silurian	T. Menefee
T. Grayburg		T. Montoya	T. Point Lookout
T. San Andres	<u>4460'</u>	T. Simpson	T. Mancos
T. Glorieta		T. McKee	T. Gallup
T. Paddock		T. Ellenburger	Base Greenhorn
T. Blinbry		T. Gr. Wash	T. Dakota
T. Tubb		T. Delaware Sand	T. Morrison
T. Drinkard		T. Bone Springs	T. Todilto
T. Abo		T.	T. Entrada
T. Wolfcamp		T.	T. Wingate
T. Penn		T.	T. Chinle
T. Cisco (Bough C)		T.	T. Permian

## OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....  
No. 2, from.....to.....  
No. 3, from.....to.....  
No. 4, from.....to.....

## IMPORTANT WATER SANDS

**Include data on rate of water inflow and elevation to which water rose in hole.**

No. 1, from.....to.....feet.....  
 No. 2, from.....to.....feet.....  
 No. 3, from.....to.....feet.....

## LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

From	To	Thickness In Feet	Lithology