

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
HOBBS OCD
 MAY 29 2019
 RECEIVED
 Oil Conservation Division
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-105
 Revised April 3, 2017

1. WELL API NO.
 30-025-45433
 2. Type of Lease
 STATE FEE FED/INDIAN
 3. State Oil & Gas Lease No.

WELL COMPLETION 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)

5. Lease Name or Unit Agreement Name
 WEST CROSSROADS SAN ANDRES UNIT
 6. Well Number:
 324H

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

9. OGRID
 231429
 11. Pool name or Wildcat
 CROSSROADS,SAN ANDRES

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. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	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

28. 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

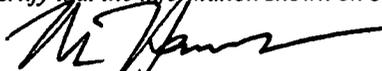
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

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	2260'	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt		T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt		T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates		T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers		T. Devonian	T. Cliff House	T. Leadville
T. Queen		T. Silurian	T. Menefee	T. Madison
T. Grayburg		T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	4460'	T. Simpson	T. Mancos	T. McCracken
T. Glorieta		T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock		T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry		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. 3, from.....to.....
 No. 2, 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