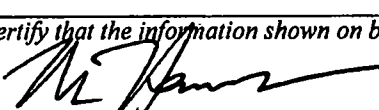


Submit To Appropriate District Office Two Copies District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505		<b>State of New Mexico</b> Energy, Minerals and Natural Resources <b>Oil Conservation Division</b> 1220 South St. Francis Dr. Santa Fe, NM 87505				<b>Form C-105</b> Revised April 3, 2017				
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		<b>State of New Mexico</b> Energy, Minerals and Natural Resources <b>Oil Conservation Division</b> 1220 South St. Francis Dr. Santa Fe, NM 87505				1. WELL API NO. 30-025-45433 2. Type of Lease <input checked="" type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> FED/INDIAN 3. State Oil & Gas Lease No.				
<b>WELL COMPLETION REPORT AND LOG</b>										
4. Reason for filing:  <input checked="" type="checkbox"/> <b>COMPLETION REPORT</b> (Fill in boxes #1 through #31 for State and Fee wells only)  <input type="checkbox"/> <b>C-144 CLOSURE ATTACHMENT</b> (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: <input checked="" type="checkbox"/> NEW WELL <input type="checkbox"/> WORKOVER <input type="checkbox"/> DEEPENING <input type="checkbox"/> PLUGBACK <input type="checkbox"/> DIFFERENT RESERVOIR <input type="checkbox"/> OTHER										
8. Name of Operator MANZANO, LLC						9. OGRID 231429				
10. Address of Operator PO BOX 1737 ROSWELL, NM 88202-1737						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										
<b>23. CASING RECORD (Report all strings set in well)</b>										
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		
<b>24. LINER RECORD</b>						<b>25. TUBING RECORD</b>				
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				
<b>28. PRODUCTION</b>										
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		Title		Date				
		MIKE HANAGAN		MANAGER		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