

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Operator Copy

FORM APPROVED
OMB NO. 1004-0137
Expires: October 31, 2014

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

2. Name of Operator
MANZANO, LLC3. Address PO BOX 2107
ROSWELL, NM3a. Phone No. (include area code)
575-623-1996

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface 1547' FSL & 2280' FEL - SECTION 36 - T19S - R32E

At top prod. interval reported below
271' 2246' 1487' FSL & 2255' FEL - SECTION 36 - T19S - R32E

At total depth 335' FSL & 2285' FEL - SECTION 1 - T20S - R32E

14. Date Spudded
12/21/201315. Date T.D. Reached
01/27/201416. Date Completed
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)*
3578' RKB18. Total Depth: MD 106246' 16245'
TVD 10009'19. Plug Back T.D.: MD 16199'
TVD 10009'20. Depth Bridge Plug Set: MD
TVD21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR/DENSITY-NEUTRON/ARRAY INDUCTION + GR/CBL/CLL22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26"	20" J-55	106	0	1187'	n/a	1900sx C	662	SURFACE	0
17 1/2"	13 3/8" J-55	54.5/68	0	3186'	n/a	2980sx C	960	SURFACE	0
12 1/4"	9 5/8" J55	40	0	4508'	3250'	1600sx C	485	SURFACE	0
8 3/4"	5 1/2" P110	17	0	9457'	n/a				
7 7/8"	5 1/2" P110	17	9457	16245'	n/a	2895sx H	943	250' -CBL	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8"	9613'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BONE SPRINGS	9600'	16132'	9600'-16132'	.56"	728	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

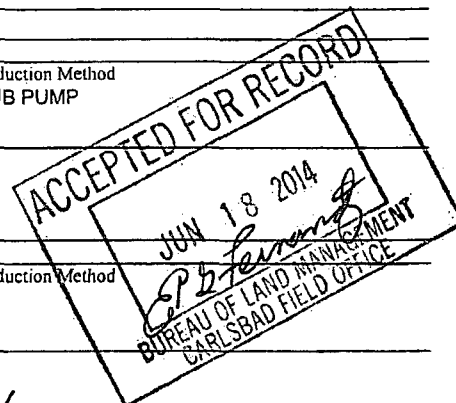
Depth Interval	Amount and Type of Material
9600'-16132'	4,047,899# SAND

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/02/14	4/13/14	24	→	802	699	834	41		SUB PUMP
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
32/64"	n/A	550#	→	802	699	834	871:1	PRODUCING	

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)



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28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				RUSTLER	1215'
SALT	1320	2770	SALT	TOP SALT BASE SALT	1320' 2770'
CAPITAN REEF	3368	4545	DOLOMITE - SULFUR WATER	YATES	3105'
DELAWARE	4700	7825	SAND	CAPITAN REEF	3375'
BONE SPRING	7825		SAND & CARBONATE	DELAWARE	4700'
				BONE SPRING	7825'
				2ND BONE SPRING SAND	9515'

32. Additional remarks (include plugging procedure):

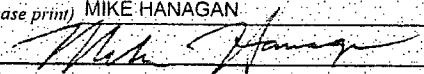
33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☒ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) MIKE HANAGAN

Title MANAGING MEMBER

Signature 

Date 04/15/2014

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

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