

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

**Carlsbad Field Office
OCD Hobbs**

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: _____

5. Lease Serial No.
NMNM14328

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator
MANZANO, LLC

8. Lease Name and Well No.
LITTLE VALLEY FED #1H

3. Address PO BOX 2107
ROSWELL, NM

3a. Phone No. (include area code)
575-623-1996

9. API Well No.
30-025-41496

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface 660' FSL & 1050' FWL - SECTION 17 - T21S - R32E
 At top prod. interval reported below 1711' FSL & 863' FEL - SECTION 18 - T21S - R32E
 At total depth 2173' FSL & 1262' FWL - SECTION 18 - T21S - R32E

HOBBS OCD
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10. Field and Pool or Exploratory
LOST TANK, DELAWARE

11. Sec., T., R., M., on Block and
Survey or Area SL: 17, 21S, 32E
BHL: 18, 21S, R32E

12. County or Parish LEA
13. State NM

14. Date Spudded 11/16/2013
15. Date T.D. Reached 12/11/2013

16. Date Completed 04/21/2014
 D & A Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
3651' RKB

18. Total Depth: MD 12339'
TVD 8301'

19. Plug Back T.D.: MD 12275'
TVD 8301'

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GR/DENSITY-NEUTRON/ARRAY INDUCTION + GR/CBL/CLL

22. 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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8" J-55	54.50	0	1050'	n/a	950sx C	195	SURFACE	0
12 1/4"	8 5/8" K-55	32.00	0	4409'	n/a	1800sx C	434	SURFACE	0
7 7/8"	5 1/2" P110	17.00	0	12337'	8625'	2100sx H	521	SURFACE	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"	8292'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BRUSHY CANYON	9150'	12245'	9150'-12245'	.56"	206	OPEN
B)						
C)						
D)						

ACCEPTED FOR RECORD

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

Depth Interval	Amount and Type of Material
9150'-12245'	1,586,772# SAND

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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
03/09/14	4/22/14	24	→	140	156	810	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	110#	→	140	156	810	1114:1	PRODUCING	

BUREAU OF LAND MANAGEMENT
CARLSBAD FIELD OFFICE

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						RECLAMATION
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						DUE 10-21-14

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*(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

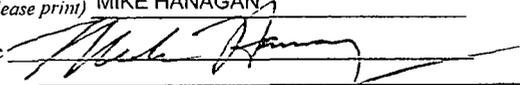
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
SALT	1150	3045	SALT	RUSTLER	982'
				TOP SALT	1150'
				BASE SALT	3045'
DELAWARE	4492	12339	SAND	DELAWARE	4498'
				CHERRY CANYON	5550'
				BRUSHY CANYON	6910'

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 06/30/2014

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.