

New Mexico Oil Conservation Division, District I
1625 N. French Drive
Hobbs, NM 88240

Form 3160-4
 (April 2004)

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT

FORM APPROVED
 OMB NO. 1004-0137
 Expires: March 31, 2007

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, LLC

3. Address
P.O. Box 2107, Roswell, NM 88202

3a. Phone No. (include area code)
(505) 623-1996

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

At surface **1980' FNL & 660' FWL Sec 34, T6S-R33E**

At top prod. interval reported below **1980' FNL & 660' FWL**

At total depth **1980' FNL & 660' FWL**

14. Date Spudded
3/20/06

15. Date T.D. Reached
4/16/06

16. Date Completed
☐ D & A ☒ Ready to Prod.

18. Total Depth: MD **8975'**
 TVD **8975'**

19. Plug Back T.D.: MD **8922'**
 TVD **8922'**

20. Depth Bridge Plug Set: MD
 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

CNL - LDT/GR

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
17.5"	13 3/8"	48	Surface	383'		450 "C"	108	Surface	0
11"	8 5/8"	24	Surface	3717'		1175 "E"	389	Surface	
7.875"	5 1/2"	17	Surface	8975'	7727'	2050 "C"	671	Surface	

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"	8922'	8710'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Penn Clastics	8800'	8815'	8800' - 8815'	.48	36	Producing
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
8800' - 8815'	Natural Completion

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
6/13/06	5/13/06	24	→	45	1980.7	0	46	.696	Flow
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
11/64	SI 2125	0	→	45	1621	0	4400	Producing	

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
			→						
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)

5. Lease Serial No.
NM-111966

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM116279

8. Lease Name and Well No.
Brennan Fed Com #2

9. AFI Well No.
30-041-20922 S1

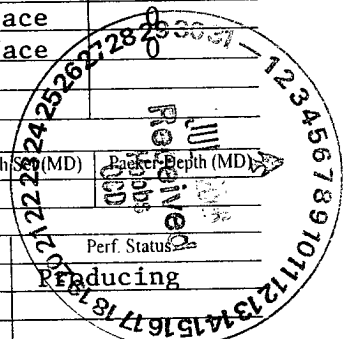
10. Field and Pool, or Exploratory
Chaveroo N. Lower Penn.

11. Sec., T., R., M., on Block and Survey or Area **Sec 34, T6S-R33E**

12. County or Parish
Roosevelt

13. State
NM

17. Elevations (DF, RKB, RT, GL)*
GL 4388'



ACCEPTED FOR RECORD

JUL - 3 2006

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

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 (Sold, 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
				Yates	2150'
				San Andres	3270'
				ABO	6850'
				Wolfcamp	7690'
				Penn Clastics	8560'
				Mississippian	8840'

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) Kenneth Barbe, Jr.Title Managing MemberSignature Date 6/29/06

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.