

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: October 31, 2014

## WELL COMPLETION OR RECOMPLETION REPORT AND

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other						5. Lease Serial No. NM059381 (SL) & NM27801 (BHL)			
b. Type of Completion: <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resrv., Other: _____						6. If Indian, Allottee or Tribe Name			
2. Name of Operator MANZANO, LLC						7. Unit or CA Agreement Name and No.			
3. Address P.O. BOX 2107 - ROSWELL, NM 88202-2107						8. Lease Name and Well No. MERIDIAN FED COM #2H			
3a. Phone No. (include area code) 575-623-1996						9. API Well No. 30-015-41252			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNW - 330' FNL & 660' FWL - SECTION 3-T20S-R29E At top prod. interval reported below NWNW - 330' FNL & 660' FWL - SECTION 3-T20S-R29E At total depth NENE - 990' FNL & 330' FEL - SECTION 3-T20S-R29E						10. Field and Pool or Exploratory PARKWAY, BONE SPRINGS			
11. Sec., T., R., M., on Block and Survey or Area SECTION 3, T20S, R29E						12. County or Parish EDDY		13. State NM	
14. Date Spudded 05/06/2013		15. Date T.D. Reached 05/30/2013		16. Date Completed 08/20/2013 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.		17. Elevations (DF, RKB, RT, GL)* 3365' KB			
18. Total Depth: MD 12145' TVD 8177'		19. Plug Back T.D.: MD 12092' TVD 8179'		20. Depth Bridge Plug Set: MD TVD		22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CASED HOLE GAMMA RAY/NEUTRON/CBL									
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
26.000	20.00/J-55	94	0	250		800	192	0 - CIR	0
17.500	13.375/J-55	48	0	1600		1125	383	0 - CIR	0
12.250	9.625/J-55	36	0	3325		1300	400	0 - CIR	0
8.75	5.5/P-110	17	0	12133		2050	738	1490 - 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)	
2.875	7710								
25. Producing Intervals									
Formation		Top		Bottom		Perforated Interval		Size	No. Holes
A) BONE SPRING		8400		11998		8400-11998		0.42"	20
B)									
C)									
D)									
26. Perforation Record									
Formation		Top		Bottom		Perforated Interval		Size	No. Holes
A) BONE SPRING		8400		11998		8400-11998		0.42"	20
B)									
C)									
D)									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
8400-11998		FRAC WITH 36,552bbbls + 2,848,520# 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
07/09/13	08/21/13	18	→	429	775	587	41	0.77	SUB PUMP
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
NA	NA	375	→	572	1033	782	1805	PRODUCING OIL WELL	
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)

RECLAMATION

DEC 2 2013

BUREAU OF LAND MANAGEMENT  
CARLSBAD FIELD OFFICE

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	180
				TOP OF SALT	630
				BASE OF SALT	1085
				CAPITAN REEF	1588
				DELAWARE	3520
				BONE SPRINGS	5705

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: GYRO, DRILL TIME LOG

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 10/15/2013

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.