

## N.M. Oil Cons. DIV-Dist. 2

1301 W. Grand Avenue

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Alamosa NM 88210FORM 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 ☐ Otherb. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☒ Diff. Resvr.,  
Other \_\_\_\_\_2. Name of Operator **Manzano Oil Corporation**3. Address **P.O. Box 2107, Roswell, NM 88202-2107**3a. Phone No. (include area code)  
**505-623-1996**

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

At surface **660' FNL & 660' FWL**At top prod. interval reported below **660' FNL & 660' FWL**At total depth **660' FNL & 660' FWL**

RECEIVED

OCT 06 2004

OCD-ARTERIA

14. Date Spudded  
**11/15/2002**15. Date T.D. Reached  
**12/12/2002**16. Date Completed **04/14/2004**  
☐ D & A ☒ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
**3461' GL, 3477' KB**18. Total Depth: MD **11,750'**  
TVD **11,750'**19. Plug Back T.D.: MD **9850'**  
TVD **9850'**20. Depth Bridge Plug Set: MD **9950'**  
TVD **9950'**

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

**PDC**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"	54.5#	Surf	445'		600sx "C"	166	255 TS	None
						200sx "C"	48	58'	
						100sx "C"	24	Circ-25sx	
11"	8-5/8"	32#	Surf	3410'		1550sx "C"	507	Circ-286sx	None
7-7/8"	5-1/2"	17#	Surf	9768'		1550sx C:H	469	3200 TS	None

## 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"	7602'							

## 25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Bone Springs	7064'	7265'	7265'-66', 7167'-69'	0.36"	5	Producing
B)			7126'-35', 7094'-95'	0.36"	20	Producing
C)			7082'-84', 7064'-65'	0.36"	5	Producing
D)						

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

Depth Interval	Amount and Type of Material
7064' - 7265'	1500gl 15% HCL Acid
7064' - 7265'	52,800gl gelled Med Laden + 116,160# sand

ACCEPTED FOR RECORD

## 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
04/16/2004	04/16/2004	24	→	66	65	198	44	0.8	Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
N/A	SI		→	66	65	198	985:1		Producing-Pump

LES BABYAK  
PETROLEUM ENGINEER

## 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	
	SI		→						

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

## 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

## 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) Toby SolisTitle EngineerSignature Date 09/07/2004

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.

**District I**  
1625 N. French Dr., Hobbs, NM 88240

**District II**  
1301 W. Grand Avenue, Artesia, NM 88210

**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410

**District IV**  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
**RECEIVED** Revised June 10, 2003  
Submit to Appropriate District Office  
OCT 07 2004 State Lease - 4 Copies  
OCD-ARTESIA Fee Lease - 3 Copies

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-015-32402	<sup>2</sup> Pool Code 54600	<sup>3</sup> Pool Name Santo Nino; Bone Springs
<sup>4</sup> Property Code 30398	<sup>5</sup> Property Name Green Flash Fed Com.	<sup>6</sup> Well Number #1
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name Manzano Oil Corporation	<sup>9</sup> Elevation 3461'

**<sup>10</sup> Surface Location**

UL or lot no. D	Section 30	Township 18S	Range 30E	Lot Idn	Feet from the 660	North/South line North	Feet from the 660	East/West line West	County Eddy
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**<sup>11</sup> Bottom Hole Location If Different From Surface**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

				<b><sup>17</sup> OPERATOR CERTIFICATION</b> <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature Toby Solis Printed Name Engineer Title and E-mail Address 10/07/04 Date	
					<b><sup>18</sup> SURVEYOR CERTIFICATION</b> <i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i> Date of Survey Signature and Seal of Professional Surveyor: Certificate Number