

District I
PO Box 1960, Hobbs, NM 87411-1960
District II
PO Drawer DD, Artesia, NM 87211-0719
District III
1000 Rio Bravo Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-104
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator Name and Address Manzano Oil Corporation P.O. Box 2107 Roswell, NM 88202-2107		OGRID Number 013954
		Reason for Filing Code NW
API Number 30 - 0 15-30742	Pool Name Esperanza (Delaware)	Pool Code 22640
Property Code 23172	Property Name Esperanza	Well Number 2

II. Surface Location

UL or lot no.	Section	Township	Range	Lot/Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
J	4	22S	27E		1650	South	1650	East	Eddy

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
J	4	22S	27E		1650	South	1650	East	Eddy
Lea Code P	Producing Method Code Pumping	Gas Connection Date 12/28/99	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
32109	LG&E Natural Gathering 2777 Stemmons Fwy, Ste 1700 Dallas, TX 75207	2824749	O	
138648	Amoco Pipeline Incorporated 502 N. West Avenue Levelland, TX 79336	2824750	G	

IV. Produced Water

POD	POD ULSTR Location and Description
2824751	Post 1-38

V. Well Completion Data

Spud Date	Ready Date	TD	PBTD	Perforations
9/19/99	12/28/99	5311'	5212'	4818-54'
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	
12-1/4"	8-5/8"	400'	150 CL C	
7-7/8"	5-1/2"	5311'	755 CL C	

VI. Well Test Data

Date New OU	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
12/28/99	12/28/99	12/17/99	10 hrs	zero	15
Choke Size	OU	Water	Gas	AOF	Test Method
Open	13	85	TSTM		Swab

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Donnie E. Brown</i>		OIL CONSERVATION DIVISION Approved by: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR <i>B6X</i>	
Printed name: Donnie E. Brown		Title:	
Title: VP Engineering		Approval Date: 1-3-00	
Date: 12/23/99		Phone: (505) 623-1996	
If this is a change of operator fill in the OGRID number and name of the previous operator			
Previous Operator Signature	Printed Name	Title	Date

New Mexico Oil Conservation Division
C-104 Instructions

IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT

Report all gas volumes at 15.025 PSIA at 60°.
Report all oil volumes to the nearest whole barrel.

A request for allowable for a newly drilled or deepened well must be accompanied by a tabulation of the deviation tests conducted in accordance with Rule 111.

All sections of this form must be filled out for allowable requests on new and recompleted wells.

Fill out only sections I, II, III, IV, and the operator certifications for changes of operator, property name, well number, transporter, or other such changes.

A separate C-104 must be filled for each pool in a multiple completion.

Improperly filled out or incomplete forms may be returned to operators unapproved.

1. Operator's name and address
2. Operator's OGRID number. If you do not have one it will be assigned and filled in by the District office.
3. Reason for filling code from the following table:

NW	New Well
RC	Recompletion
CH	Change of Operator
AO	Add oil/condensate transporter
CO	Change oil/condensate transporter
AG	Add gas transporter
CG	Change gas transporter
RT	Request for test allowable (Include volume requested)

If for any other reason write that reason in this box.
4. The API number of this well
5. The name of the pool for this completion
6. The pool code for this pool
7. The property code for this completion
8. The property name (well name) for this completion
9. The well number for this completion
10. The surface location of this completion. NOTE: If the United States government survey designates a Lot Number for this location use that number in the "UL or lot no." box. Otherwise use the OCD unit letter.
11. The bottom hole location of this completion
12. Lease code from the following table:

F	Federal
S	State
P	Fee
J	Jicarilla
N	Navajo
U	Ute Mountain Ute
I	Other Indian Tribe
13. The producing method code from the following table:

F	Flowing
P	Pumping or other artificial lift
14. MO/DAYR that this completion was first connected to a gas transporter
15. The permit number from the District approved C-129 for this completion
16. MO/DAYR of the C-129 approval for this completion
17. MO/DAYR of the expiration of C-129 approval for this completion
18. The gas or oil transporter's OGRID number
19. Name and address of the transporter of the product
20. The number assigned to the POD from which this product will be transported by this transporter. If this is a new well or recompletion and this POD has no number the district office will assign a number and write it here.
21. Product code from the following table:

O	Oil
G	Gas

22. The ULSTR location of this POD if it is different from the well completion location and a short description of the POD (Example: "Battery A", "Jones CPD", etc.)
 23. The POD number of the storage from which water is moved from this property. If this is a new well or recompletion and this POD has no number the district office will assign a number and write it here.
 24. The ULSTR location of this POD if it is different from the well completion location and a short description of the POD (Example: "Battery A Water Tank", "Jones CPD Water Tank", etc.)
 25. MO/DAYR drilling commenced
 26. MO/DAYR this completion was ready to produce
 27. Total vertical depth of the well
 28. Plugback vertical depth
 29. Top and bottom perforation in this completion or casing shoe and TD if openhole
 30. Inside diameter of the well bore
 31. Outside diameter of the casing and tubing
 32. Depth of casing and tubing. If a casing liner show top and bottom.
 33. Number of sacks of cement used per casing string
- The following test data is for an oil well. It must be from a test conducted only after the total volume of load oil is recovered.
34. MO/DAYR that new oil was first produced
 35. MO/DAYR that gas was first produced into a pipeline
 36. MO/DAYR that the following test was completed
 37. Length in hours of the test
 38. Flowing tubing pressure - oil wells
Shut-in tubing pressure - gas wells
 39. Flowing casing pressure - oil wells
Shut-in casing pressure - gas wells
 40. Diameter of the choke used in the test
 41. Barrels of oil produced during the test
 42. Barrels of water produced during the test
 43. MCF of gas produced during the test
 44. Gas well calculated absolute open flow in MCF/D
 45. The method used to test the well:

F	Flowing
P	Pumping
S	Swabbing

If other method please write it in.
 46. The signature, printed name, and title of the person authorized to make this report, the date this report was signed, and the telephone number to call for questions about this report
 47. The previous operator's name, the signature, printed name, and title of the previous operator's representative authorized to verify that the previous operator no longer operates this completion, and the date this report was signed by that person