

District I
PO Box 1980, Hobbs, NM 88241-1980
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos 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-101
Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 6 Copies
Fee Lease - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address. Manzano Oil Corporation P.O. Box 2107 Roswell, NM 88202-2107		OGRID Number 013954 API Number 30-025-21609
Property Code 17362	Property Name Fundamental State	Well No. 1

7 Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
J	36	10S	32E		1980	South	1980	East	Lea

8 Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

Proposed Pool 1 Cuerno Largo Permo-Penn	Proposed Pool 2
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Work Type Code E	Well Type Code 0	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 4295'
Multiple	Proposed Depth 10,000'	Formation Permo-Penn	Contractor	Spud Date 9/20/95

21 Proposed Casing and Cement Program

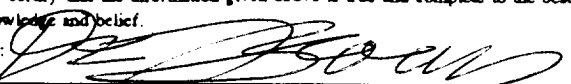
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17-1/2"	13-3/8"	48#	442'	400	Circ1
11"	8-5/8"	24 & 32#	3,895'	400	1400'
7-7/8"	5-1/2"	15 & 17#	10,000'	700	7000'

12 Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Clean out to 8-5/8" csg stub. Run 8-5/8" csg on 10" shoe. Cement. Clean out to 10,000'. DST Penn zones. Run 5-1/2" csg and cement above Abo if justified.

Permit Expires 6 Months From Approval
Date Unless Drilling Underway.

Re-Entry

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: 		OIL CONSERVATION DIVISION	
Printed name: D.E. Brown		Approved by: ORIGINAL SIGNED BY WYAT SEXTON	
Title: VP Engineering		Title: DISTRICT ENGINEER	
Date: 8/15/95		Approval Date: SEP 15 1995	Expiration Date:
Phone: (505) 623-1996		Conditions of Approval Attached <input type="checkbox"/>	

District I
PO Box 1968, Hobbs, NM 88241-1968
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2083, Santa Fe, NM 87504-2083

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised February 10, 1994
Instructions on back
o Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

' API Number 30-025-21609	' Pool Code 14980	' Pool Name Cuerno Largo Penn Wildcat
' Property Code 17362	' Property Name Fundamental State	' Well Number 1
' OGRID No. 013954	' Operator Name Manzano Oil Corporation	' Elevation 4295'

¹⁰ Surface Location

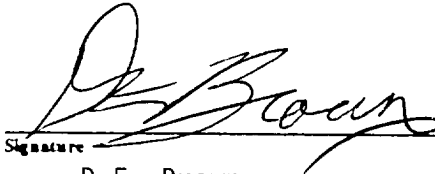
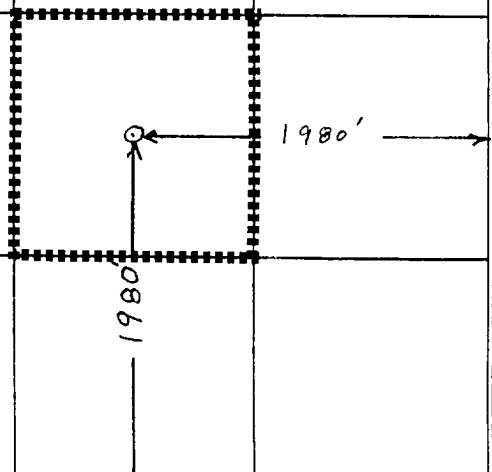
UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
J	36	10S	32E		1980	South	1980	East	Lea

¹¹ Bottom Hole Location If Different From Surface

U.L. or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
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¹¹ Dedication Acres	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ Order No.
40	N		

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

16		<p>17 OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <div style="text-align: center;">  </div> <p>Signature _____</p> <p style="text-align: center;">D.E. Brown</p> <p>Printed Name _____</p> <p style="text-align: center;">VP Engineering</p> <p>Title _____</p> <p style="text-align: center;">8/15/95</p> <p>Date _____</p>
		<p>18 SURVEYOR CERTIFICATION</p> <p><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></p> <p>Date of Survey _____</p> <p>Signature and Seal of Professional Surveyer: _____</p> <p>Certificate Number _____</p>

See Original Plat on File.