

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

¹ Operator Name and Address Manzano Oil Corporation P.O. Box 2107 Roswell, NM 88202-2107		¹ OGRID Number 013954
		¹ API Number 30 - 025-33225
¹ Property Code 17361	¹ Property Name Shell State	¹ Well No. 1-Y

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
B	26	10S	32E		330	North	2260	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

⁹ Proposed Pool 1 Cuerno Largo-Penn	⁹ Proposed Pool 2
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¹⁰ Work Type Code E	¹⁰ Well Type Code O	¹⁰ Cable/Rotary R	¹⁰ Lease Type Code S	¹⁰ Ground Level Elevation 4297'
¹⁰ Multiple No	¹⁰ Proposed Depth 9100'	¹⁰ Formation Penn	¹⁰ Contractor WEK Drilling	¹⁰ Spud Date 12/18/95

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#	380'	400	Circ1
12-1/4"	8-5/8"	24 & 32#	3900'	1000	380'
7-7/8"	5-1/2"	17#	9100'	575	7000'

²² 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.

Intend to spud 17-1/2" hole. Will drill to 380' and run and cement 13-3/8" csg. Then drill 12-1/4" hole to 3900' and run and cement 8-5/8" csg. Will nipple up Shaffer LWS 10" 900 hydraulic 3000# BOP and test with 10" hydril. Will test BOP choke manifold, hydril and csg with 1500 psi. Will then drill 7-7/8" hole to 9100', testing all zones of interest. If productive will run and cement 5-1/2" csg perforate and complete. Will use spud mud and native mud to 3900'. Drill out with KCl water and have mud up at 7200' (top Abo) to TD.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: Allison Hernandez
Printed name: Allison Hernandez
Title: Engineering Technician
Date: 12/8/95
Phone: (505) 623-1996

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY JERRY SEXTON
Title: DISTRICT SUPERVISOR
Approval Date: DEC 12 1995 Expiration Date:
Conditions of Approval:
Attached ☐

Permit Expires 6 Months From Approval
Date Unless Drilling Underway

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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-33225		2 Pool Code 14980		3 Pool Name Cuerno Largo Penn		
4 Property Code 17361		5 Property Name Shell State			6 Well Number 1-Y	
7 OGRID No. 013954		8 Operator Name Manzano Oil Corporation			9 Elevation 4297	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	26	10 S	32E		330	North	2260	East	Lea

11 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

12 Dedicated Acres 40	13 Joint or Infill	14 Consolidation Code	15 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

16					<p>17 OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p></p> <p>Signature D.E. Brown Printed Name VP Engineering Title 12/8/95 Date</p>
<p>18 SURVEYOR CERTIFICATION</p> <p>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.</p> <p>December 8, 1995 Date of Survey P. R. Patton Signature and Seal of Professional Surveyor </p> <p>Certificate Number 8112</p>					