

District I  
PO Box 1980, Hobbs, N.M. 88241-1980  
District II  
P.O. Drawer DD, Artesia, N.M. 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, N.M. 87410  
District IV  
P.O. Box 2088, Santa Fe, N.M. 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, PLUG BACK, OR ADD A ZONE

1 Operator Name and Address Melrose Operating Co. c/o P.O. Box 953, Midland, TX 79702		2 OGRID Number 184860
		3 API Number 30-0 15-31922
4 Property Code 26081	5 Property Name Artesia Unit	6 Well No. 90

7 Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	35	17S	28E		200	North	2265	West	Eddy

8. Proposed 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

9. Proposed Pool 1

Artesia, Queen-Grayburg-San Andres (03230)

10. Proposed Pool 2

11. Work Type Code N	12. Well Type Code O	13. Cable/Rotary R	14. Lease Type Code S	15. Ground Level Elevation 3683'
16. Multiple No	17. Proposed Depth 3000'	18. Formation San Andres	19. Contractor United Drilg.	20. Spud Date 8-6-01

21. Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24# J-55	Scp 400'	275 sx	surface
7 7/8"	4 1/2 or 5 1/2"	9.5 - 17#	3000'	600 sx	surface

22. Describe the proposed program. If this 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.

Propose to drill 12 1/4" hole to 400', set 8 5/8" csg., cement to surface. RU BOPs. Drill 7 7/8" hole to 3000', set 5 1/2" csg, cement to surface, RD BOPs & rotary. Perforate & stimulate. Place well on test.

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

Signature:

Printed Name:

Ann E. Ritchie

Title:

Regulatory Agent

Date:

7-24-01

Phone:

915 684 6381

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM

Title:

DISTRICT II SUPERVISOR

Approval Date:

JUL 27 2001

Expiration Date:

JUL 27 2002

Conditions of Approval:

## State of New Mexico

## DISTRICT I

P.O. Box 1986, Hobbs, NM 88241-1986

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0719

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number		Pool Code 03230	Pool Name Artesia, Queen-Grayburg-San Andres
Property Code 26081	Property Name ARTESIA UNIT		Well Number 90
OGRID No. 184860	Operator Name MELROSE OPERATING CO.		Elevation 3683'

## Surface Location

UL or lot No. C	Section 35	Township 17-S	Range 28-E	Lot Idn	Feet from the 200	North/South line NORTH	Feet from the 2265	East/West line WEST	County EDDY
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## 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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Dedicated Acres <del>28</del> 4c	Joint or Infill waterflood	Consolidation Code	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>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.   Signature Ann E. Ritchie Printed Name Regulatory Agent Title 7-24-01 915 684-6381 Date	
	<b>SURVEYOR CERTIFICATION</b>  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.  JULY 19, 2001 Date Surveyed Signature & Seal of Professional Surveyor  04.11.0870 Certificate No. RONALD J. EDSON 3239 GARY EDSON 12641	