

District I
1625 N. French Dr., Hobbs, N.M. 88240
District II
1301 W. Grand Ave., Artesia, N.M. 88210
District III
1000 Rio Brazos Rd., Aztec, N.M. 87410
District IV
1220 S. St. Francis Dr., Santa Fe, N.M. 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
1220 S. St. Francis Dr.
Santa Fe, NM 87505

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 Melrose Operating Co. c/o P.O. Box 953 Midland, TX 79702		² OGRID Number 184860
⁴ Property Code 26081		³ API Number 30-0 15 - 33284
⁵ Property Name Artesia Unit		⁶ Well No. 100

RECEIVED

MAR - 2 2004

OCD-ARTESIA

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
H	35	17S	28E		2412'	North	1269'	East	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 3664'
16. Multiple no	17. Proposed Depth 3500'	18. Formation San Andres	19. Contractor United Drlg.	20. Spud Date 3-7-04

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#	360'	275 sx	surface
7 7/8"	5 1/2"	15.5#	3500'	600 sx	surface
			400 - 450		

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 300', set 8 5/8" casing, cement to surface. RU BOPs. Drill 7 7/8" hole to 3500', set 5 1/2" casing, cement to surface, RD BOPs & drilling rig. Perforate San Andres formation & frac. 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:

2-28-04

Phone:

432 684-6381

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

MAR 09 2004

Expiration Date:

MAR 09 2006

Conditions of Approval:

Attached: ☐

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

State of New Mexico
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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

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

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 03230	Pool Name Artesia, Queen-Grayburg-San Andres
Property Code 26081	Property Name ARTESIA UNIT	Well Number 100
OGRID No. 184860	Operator Name MELROSE OPERATING COMPANY	Elevation 3664'

Surface Location

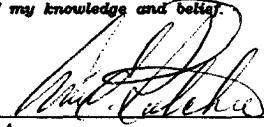
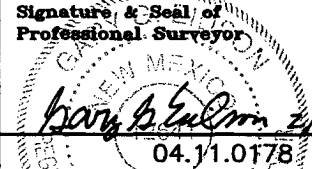
UL or lot No. H	Section 35	Township 17 S	Range 28 E	Lot Idn	Feet from the 2412	North/South line NORTH	Feet from the 1269	East/West line EAST	County EDDY
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Bottom Hole Location If Different From Surface

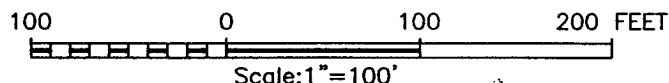
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No. Water Flood Unit
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NO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

GEODETIC COORDINATES NAD 27 NME Y-652013.1-N X-558758.2-E LAT.= 32°47'32.38" N LONG.= 104°08'31.65 W	2412' 1269'	OPERATOR CERTIFICATION 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 2-27-04 Date SURVEYOR CERTIFICATION 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. FEBRUARY 17, 2004 Date Surveyed LMP Signature & Seal of Professional Surveyor  Gary K. Edson 2/26/04 04.11.0178 Certificate No. GARY EDSON 12641
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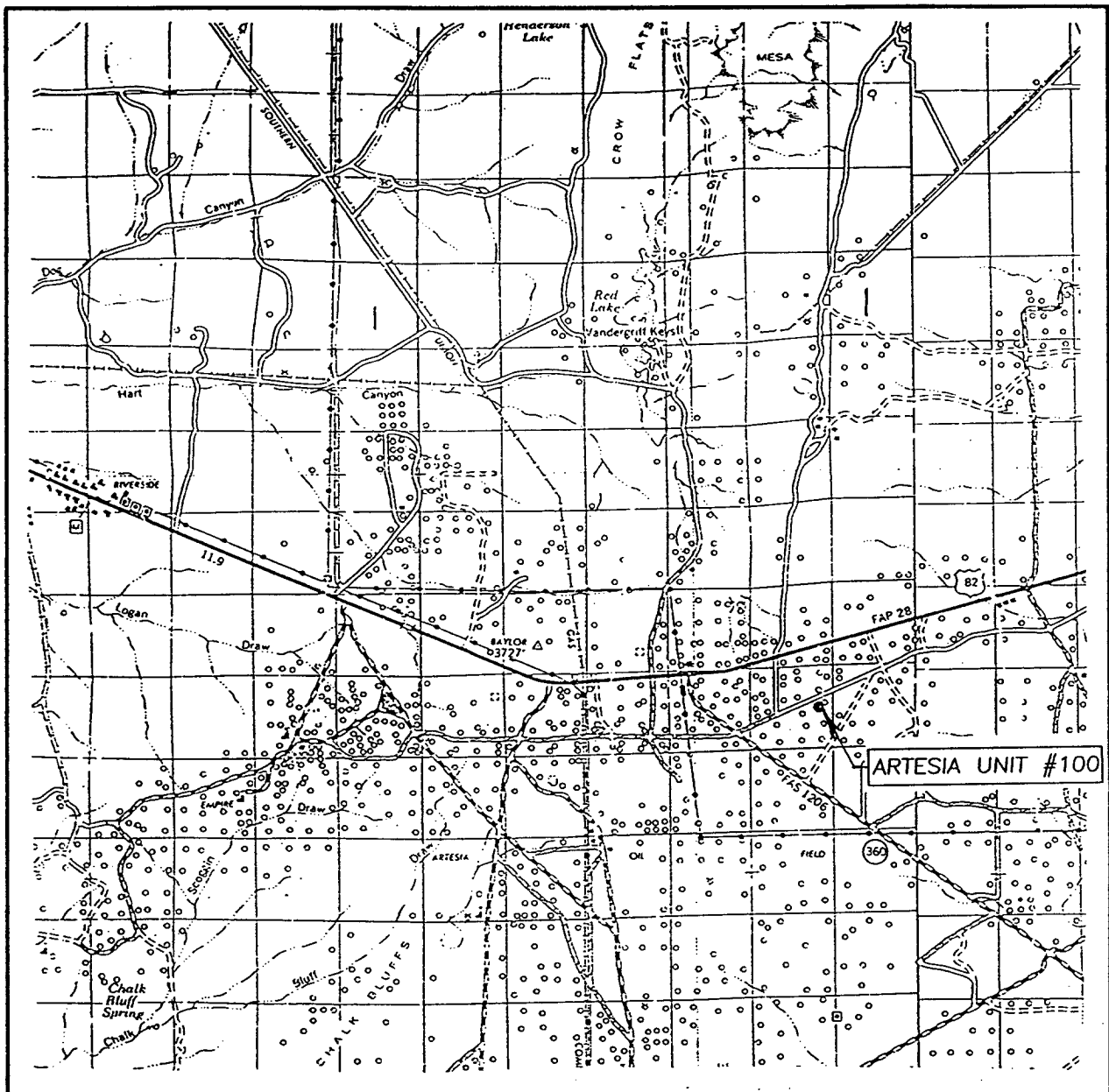
NEW MEXICO.



Survey Date: 2/17/04	Sheet 1 of 1 Sheets		
W.O. Number: 04.11.0178	DRAWN BY: L. PERALES		
Date: 1/2/04	DISK: CD '04	04110178	Scale: 1"=100'

JOHN WEST SURVEYING COMPANY
412 N. DAL PASO - HOBBS, NEW MEXICO - 505-393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 35 TWP. 17-S RGE. 28-E

SURVEY N.M.P.M.

COUNTY EDDY

DESCRIPTION 2412' FNL & 1269' FEL

ELEVATION 3664'

MELROSE

OPERATOR OPERATING COMPANY

LEASE ARTESIA UNIT

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117



CONTOUR INTERVAL:
RED LAKE, N.M. - 20'

U.S.G.S. TOPOGRAPHIC MAP
RED LAKE, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

Memo

To: Tim Gumm, OCD
From: Tony Beilman
CC: Chris Thomas
Date: 3/09/04
Re: Application to Drill the Artesia Unit Wells 100, 101, 102, 103, 104

Mr. Gumm,

Please accept this letter as my affidavit attesting that the H2S concentration on these proposed wells are below 100 ppm. Rule 118 requires that I provide this data to you. I had contracted WTOR Ann Ritchie to file the APD and she had alerted me of this requirement. At that time I thought the correspondence was sent. I apologize for any delays that I may have caused you for an incomplete APD.

Sincerely I remain



Anthony J Beilman, P.E.

Artesia Unit #100
35-17-28
2412 N / 1209 E