

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, 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 184800 184860
		³ API Number 30-025-36430
⁴ Property Code 25191	⁵ Property Name Jalmat Field Yates Sand Unit	⁶ Well No. 192

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
K	11	22S	35E		1330	South	1330	West	Lea

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 Jalmat, Tan-Yates-7 Rvrs (Oil)	¹⁰ Proposed Pool 2
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11. Work Type Code N	12. Well Type Code O	13. Cable/Rotary R	14. Lease Type Code S	15. Ground Level Elevation 3597'
16. Multiple no	17. Proposed Depth 4200'	18. Formation Yates	19. Contractor United Drlg.	20. Spud Date 10-1-03

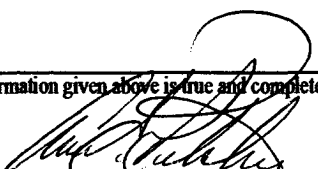
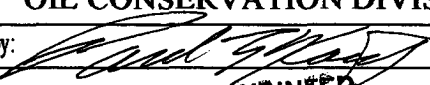
21. Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	350'	250 sx CI C	surface
7 7/8"	5 1/2"	15.5#	4200'	2000 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 350', set 8 5/8" casing, cement to surface. RD BOPs. Drill 7 7/8" hole to 4200', set 5 1/2" casing, cement to surface, RD BOPs & drilling rig. Perforate Yates formation & frac. Place well on test.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

23. 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: Ann E. Ritchie		Approved by: 	
Title: Regulatory Agent		Title: PETROLEUM ENGINEER	
Date: 9-22-03		Approval Date: Expiration Date:	
Phone: 432 684-6381		Conditions of Approval: Attached 01 2003	

Fee Loans - 3 Copies

Santa Fe, New Mexico 87504-2088

P.O. BOX 8088, SANTA FE, N.M. 87504-2008

☐ AMENDED REPORT

GEODEIC COORDINATES
NAD 77 NME
Y = 511585.5 N
X = 805928.0 E
LAT. 32°24'09.23"N
LONG. 103°20'31.61"W

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

[Signature]
Signature

Ann E. Ritchie
Printed Name

Regulatory Agent
Title

9-23-03
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.

SEPTEMBER 18, 2003

Date Submitted

Signature of Professional Surveyor

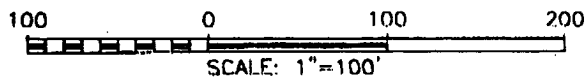
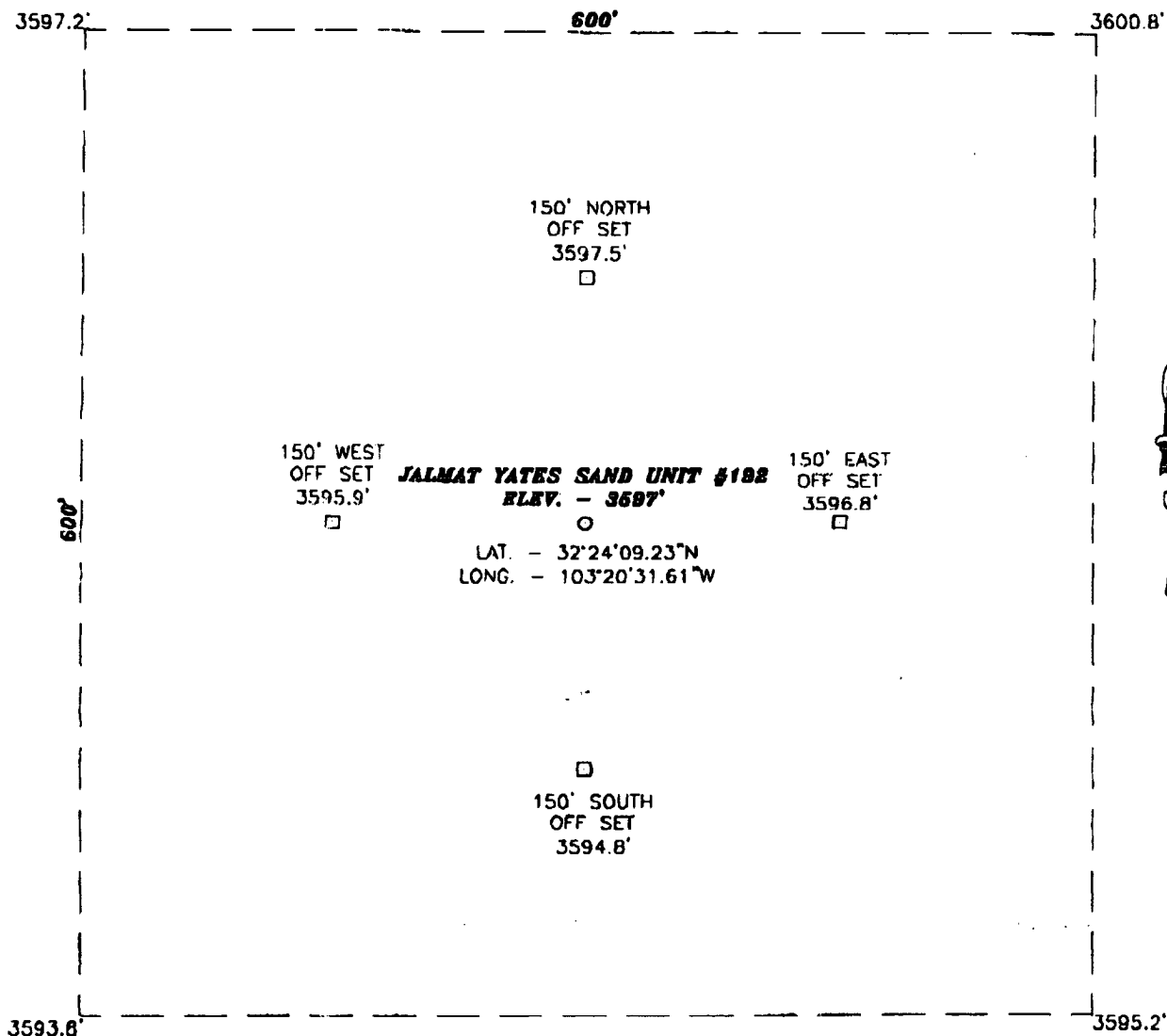
L.A.

09/23/03

Certified Professional

18A41

SECTION 11, TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

**DIRECTIONS TO LOCATION:**

FROM THE INTERSECTION OF ST. RD. #207 AND DELAWARE BASIN ROAD (E #21). GO WEST ON (E #21) 0.9 MILES TO A ROAD TO THE RIGHT, THEN GO NORTHWEST 0.2 MILES TO A ROAD TO THE LEFT, THEN GO 1.0 MILES WEST TO A ROAD TO THE LEFT, THEN 0.2 MILES SOUTH TO A ROAD TO THE RIGHT, THEN GO EAST 0.5 MILES TO A ROAD TO THE RIGHT, THEN GO 0.1 MILES NORTH TO A ROAD TO THE LEFT, THEN GO 0.2 MILES EAST TO A ROAD TO THE RIGHT, THEN GO 0.1 MILES NORTH. PROPOSED WELL IS 180 FEET EAST.

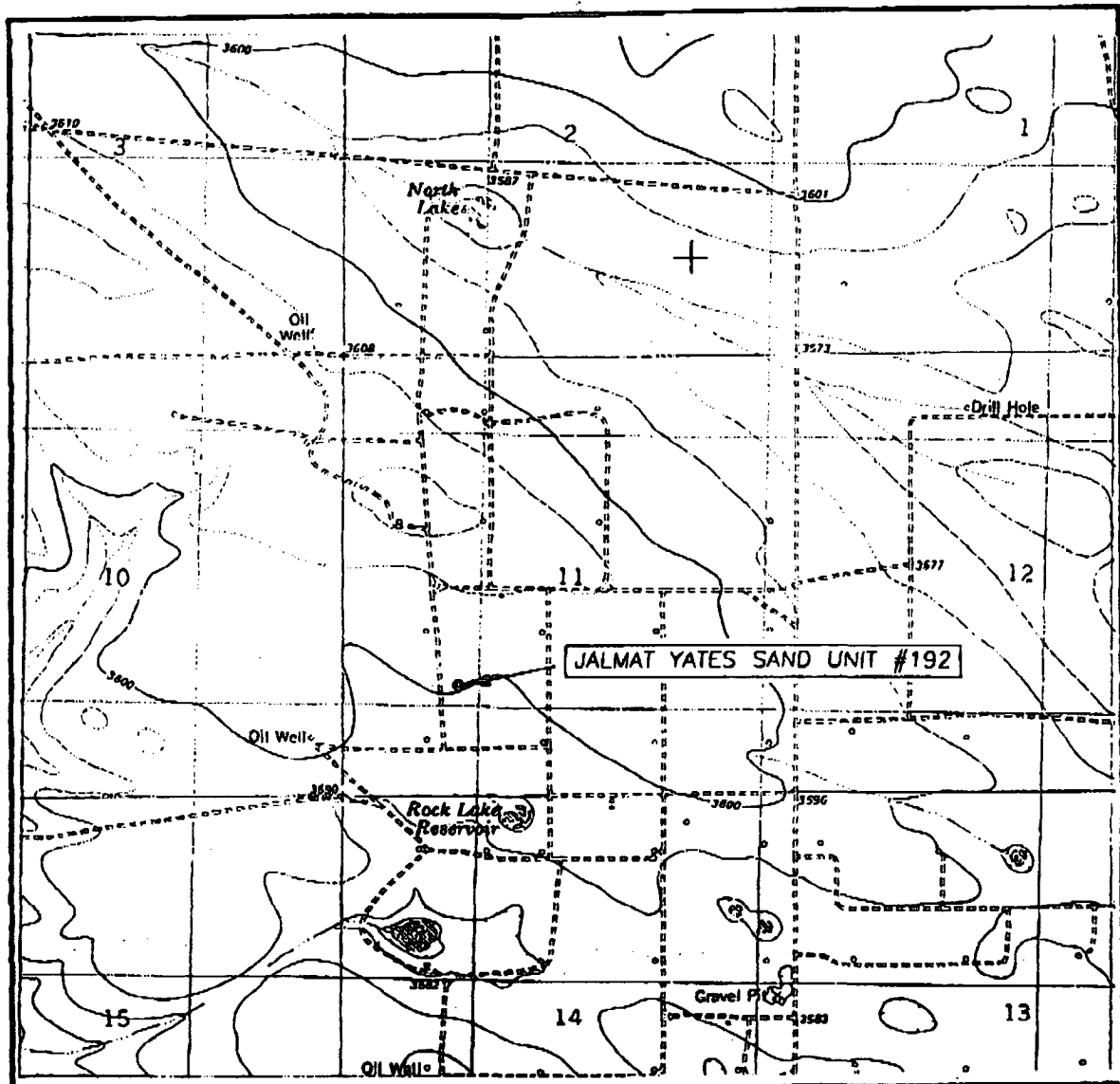
MELROSE OPERATING COMPANY

THE JALMAT YATES SAND UNIT #192 LOCATED 1330 FROM THE SOUTH LINE AND 1330 FROM THE WEST LINE SECTION 11, TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

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

Survey Date: 9/18/03	Sheet 1 of 1 Sheets
W.O. Number: 03.11.1008	Drawn By: L.A.
Date: 9/19/03	DISK:CD#2 03111008

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'
OIL CENTER, N.M.

SEC. 11 TWP. 22-S RGE. 35-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1330' FSL & 1330' FWL

ELEVATION 3597'

OPERATOR MELROSE OPERATING COMPANY

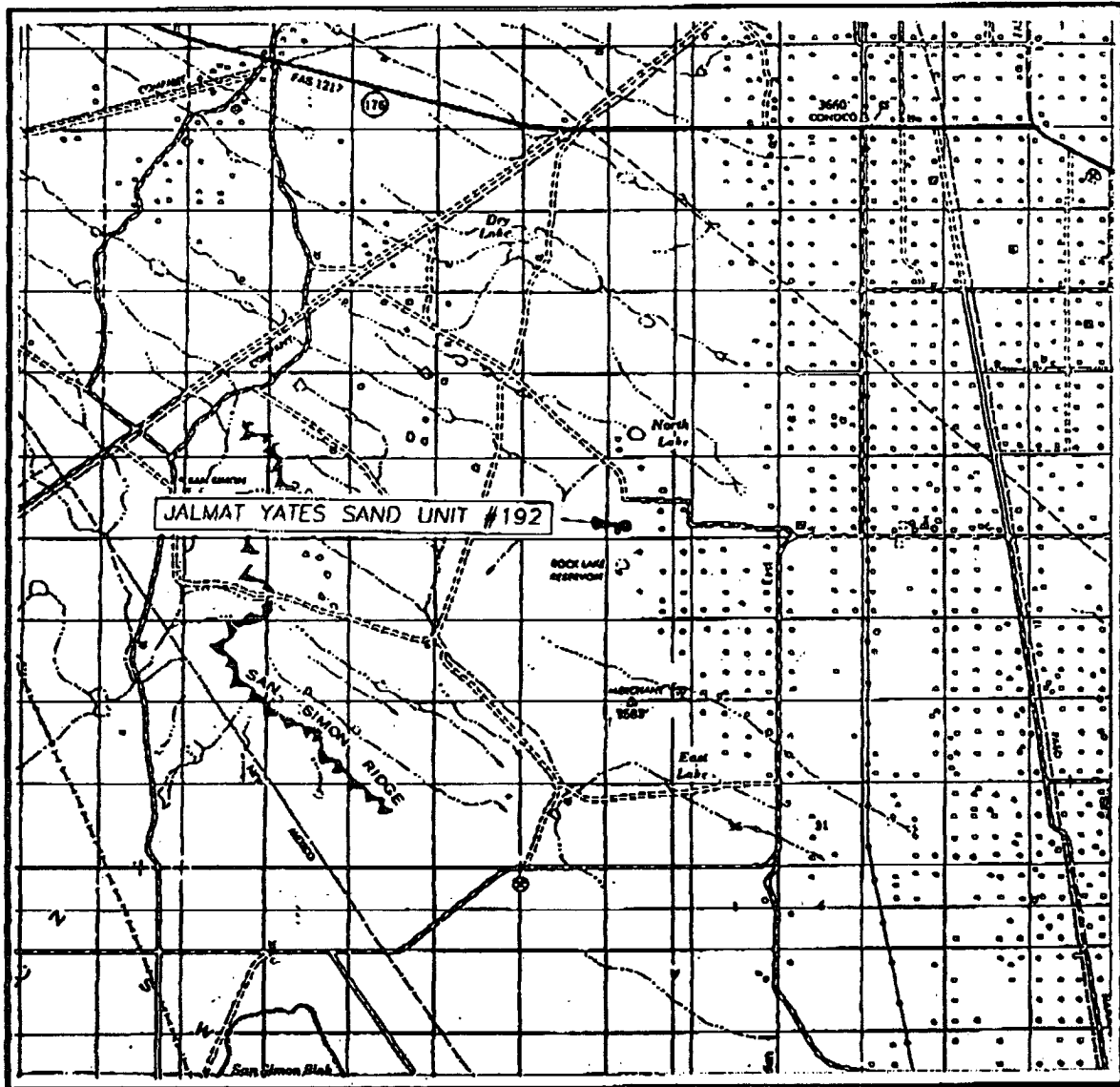
LEASE JALMAT YATES SAND UNIT

U.S.G.S. TOPOGRAPHIC MAP

OIL CENTER, N.M.

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

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 11 TWP. 22-S RGE. 35-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1330' FSL & 1330' FWL

ELEVATION 3597'

OPERATOR MELROSE OPERATING COMPANY

LEASE JALMAT YATES SAND UNIT

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