

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
		³ API Number 30-0 25 - 36561
⁴ Property Code 25191	⁵ Property Name Jalmat Field Yates Sand Unit	
		⁶ Well No. 197

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
A	23	22S	35E		10'	North	1153	East	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, (Tansill, Yates, Seven Rivers)	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 3583'
¹⁶ Multiple no	¹⁷ Proposed Depth 4200'	¹⁸ Formation Yates	¹⁹ Contractor United Drlg.	²⁰ Spud Date 2-18-03

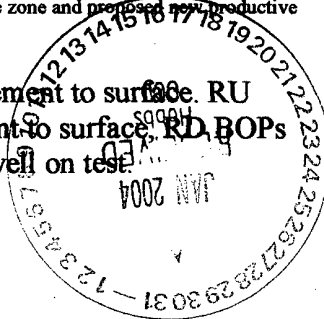
21. Proposed Casing and Cement Program

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'	1200 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. RU 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:

Printed Name:

Ann E. Ritchie

Title:

Regulatory Agent

Date:

1-27-04

Phone:

432 684-6381

OIL CONSERVATION DIVISION

Approved by:

Title:

PETROLEUM ENGINEER

Approval Date:

FEB 2 2004

Expiration Date:

Conditions of Approval:

Attached: ☐

DISTRICT I

P.O. Box 1080, Hobbs, NM 88241-1080

DISTRICT II

P.O. Drawer DD, Artesia, NM 88211-0710

DISTRICT III

1000 Rio Arriba Rd., Alamo, NM 87410

DISTRICT IV

P.O. Box 2000, Santa Fe, N.M. 87504-2000

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-102

Revised February 10, 1984

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT☐ AMENDED REPORT

API Number 3D-025-36561	Pool Code 33820	Pool Name Jalmat; T-Y-7R
Property Code 25191	Property Name JALMAT YATES SAND UNIT	Well Number 197
GORID No. 184860	Operator Name MELROSE OPERATING COMPANY	Elevation 3588'

Surface Location

Tr. or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	23	22-S	35-E		10	NORTH	1153	EAST	LEA

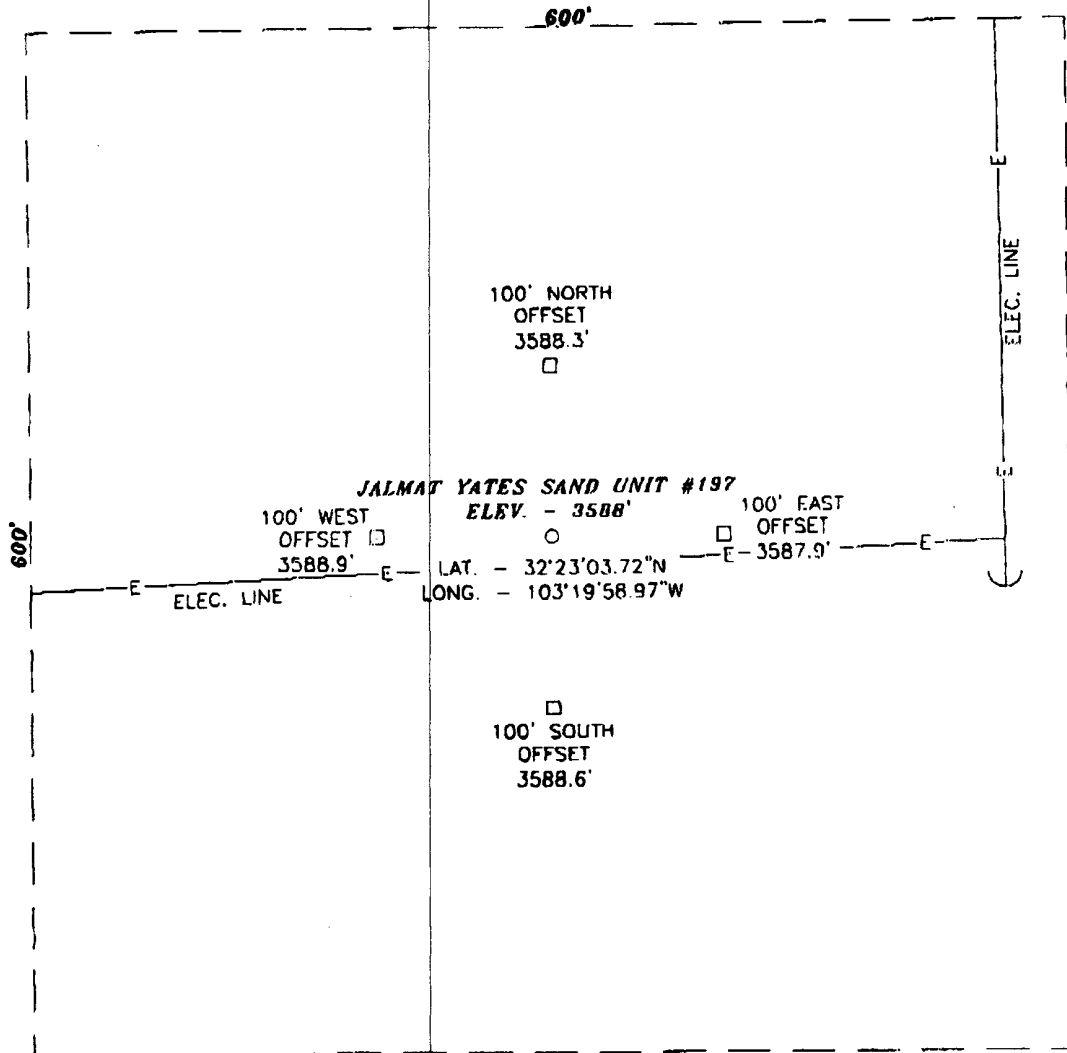
Bottom Hole Location If Different From Surface

Tr. or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

**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**

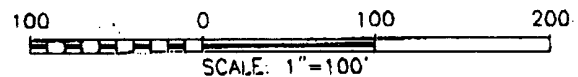
14 23 GEODETC COORDINATES NAD 1927 NME Y = 504991.5 N X = 808789.5 E LAT. - 32°23'03.72"N LONG. - 103°19'58.97"W	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Mary Eschberger</i> Signature Mary Eschberger Printed Name Regulatory Agent Title 01/29/04 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. JANUARY 27, 2004 Date Surveyed <i>Gary E. Edson</i> Signature of Surveyor GARY E. EDSON Professional Surveyor 01/29/04 Date 84110088 Certificate No. CARY E. EDSON Professional Surveyor	
	LA	
	12841	

SECTION 23, TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION:

FROM THE INTERSECTION OF ST. HWY. #207 AND DELAWARE BASIN ROAD GO 8.8 MILES WEST TO A CALICHE ROAD. GO 0.1 MILES NORTHWEST TO A CALICHE ROAD TO THE LEFT. GO 0.9 MILES WEST TO A CALICHE ROAD TO THE LEFT. GO 0.2 MILES SOUTH TO A CALICHE ROAD TO THE RIGHT. GO 0.3 MILES EAST TO A CALICHE ROAD TO THE LEFT. GO 1.5 MILES SOUTH. THIS LOCATION IS APPROX. 400' EAST FROM THIS POINT.



MELROSE OPERATING CO.

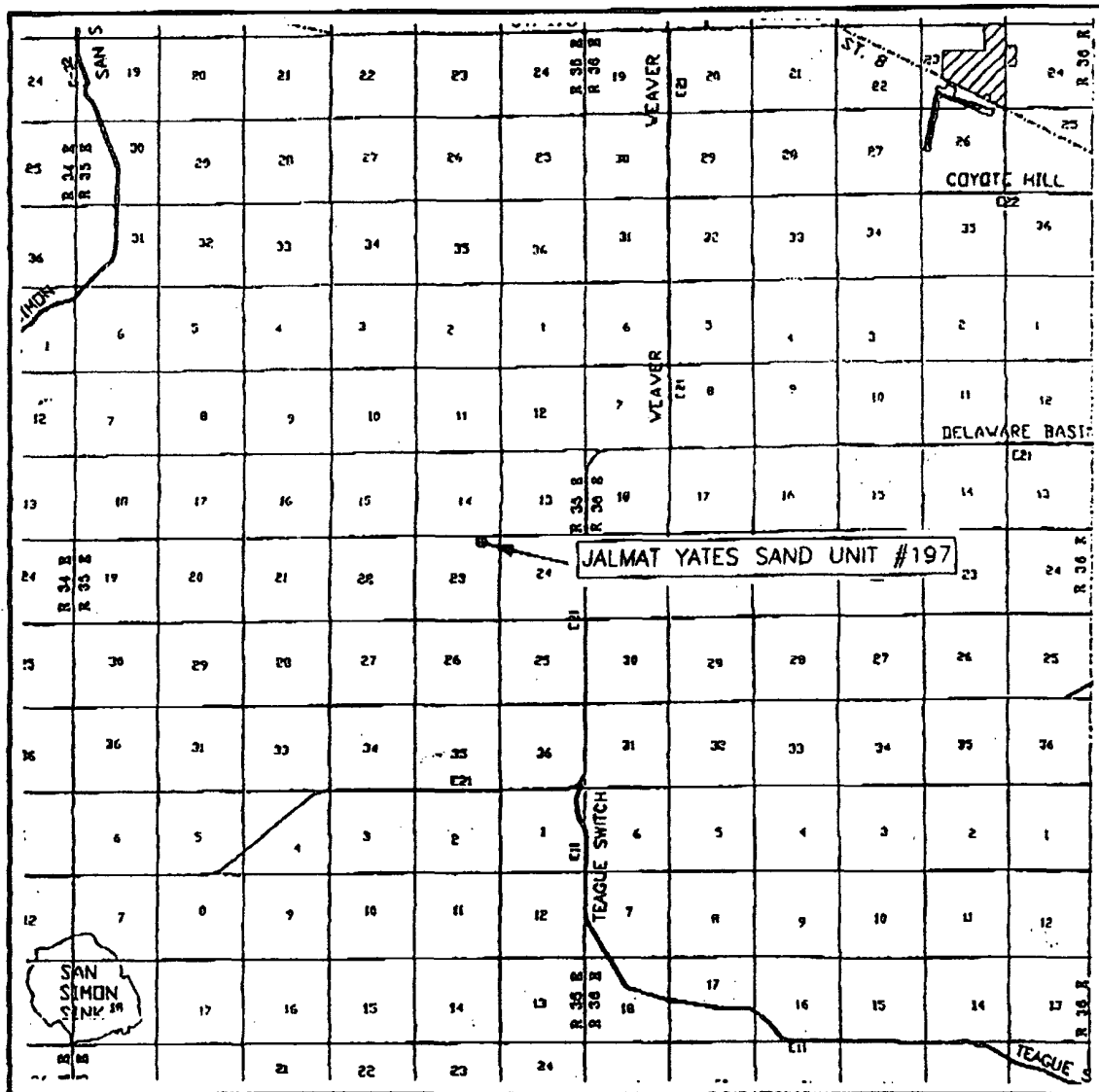
THE JALMAT YATES SAND UNIT #197 LOCATED 10 FEET FROM THE NORTH LINE AND 1153 FEET FROM THE EAST LINE SECTION 23, TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO.

Survey Date: 1/27/04	Sheet 1 of 1 Sheets
W.O. Number: 04.11.0088	Drawn By: L.A.
Date: 1/28/04	DISK:CD#3 04110088

JOHN WEST SURVEYING COMPANY

412 N. DAL PASO - HOBBS, NEW MEXICO - 505-393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 23 TWP. 22-S RGE. 35-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 10' FNL & 1153' FEL

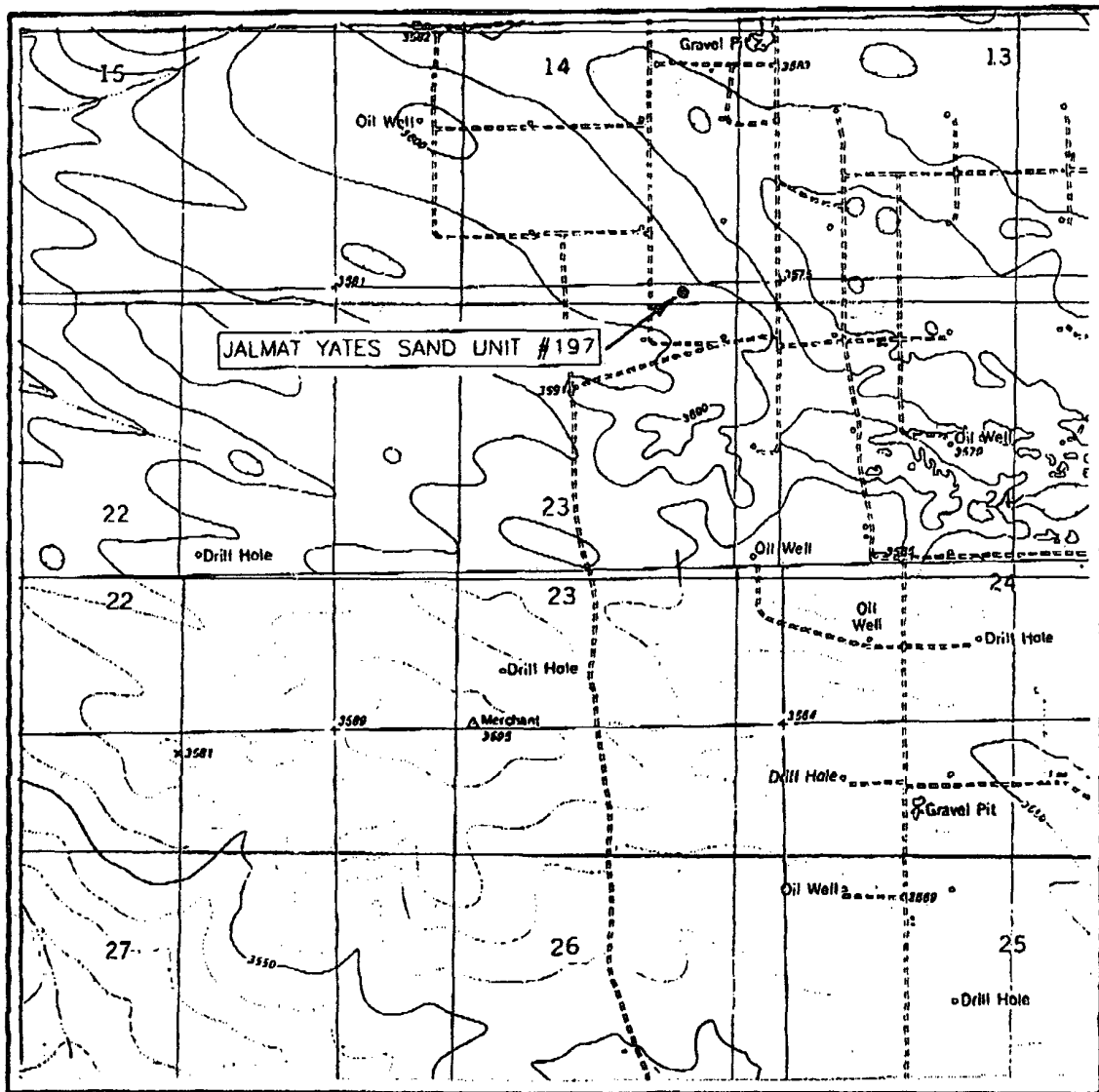
ELEVATION 3588'

OPERATOR MELROSE OPERATING CO.

LEASE JALMAT YATES SAND UNIT

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

OIL CENTER,
EAST LAKE, N.M.SEC. 23 TWP. 22-S RGE. 35-ESURVEY N.M.P.M.COUNTY LEADESCRIPTION 10' FNL & 1153' FELELEVATION 3588'OPERATOR MELROSE OPERATING CO.LEASE JALMAT YATES SAND UNITU.S.G.S. TOPOGRAPHIC MAP
OIL CENTER, EAST LAKE, N.M.

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