

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 184860
		³ API Number 30-0 25- 36483
⁴ Property Code 25191	⁵ Property Name Jalmat Field Yates Sand Unit	
	⁶ Well No. 190	

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	14	22S	35E		1310'	North	1650'	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					10. Proposed Pool 2				
Jalmat, (Tansill, Yates, Seven Rivers)									

11. Work Type Code N	12. Well Type Code O	13. Cable/Rotary R	14. Lease Type Code SP	15. Ground Level Elevation 3582'
16. Multiple no	17. Proposed Depth 4200'	18. Formation Yates	19. Contractor United Drlg.	20. Spud Date 11-20-03

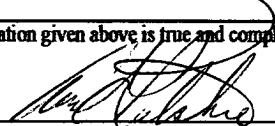
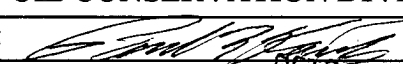
21. Proposed Casing and Cement Program

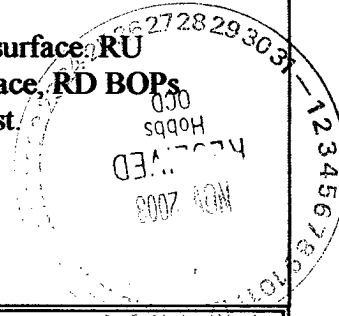
Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	350'	250 sx Cl C	surface
7 7/8"	5 1/2"	15.5#	4200'	2000 sx	surface

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, 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: 		OIL CONSERVATION DIVISION	
Printed Name: Ann E. Ritchie		Approved by: 	
Title: Regulatory Agent		Title: PETROLEUM ENGINEER	
Date: 11-12-03		Approval Date: NOV 17 2003 Expiration Date:	
Phone: 432 684-6381		Conditions of Approval: Attached: ☐	



DISTRICT I

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

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

Per Lease - 3 Copies

DISTRICT II

P.O. Drawer 80, Artesia, NM 88211-0710

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III

1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV

P.O. Box 8008, Santa Fe, N.M. 87504-8008

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36483	Pool Code 33820	Pool Name Jalmat; T-Y-7R
Property Code 25191	Property Name JALMAT FIELD YATES SAND UNIT	
OGRID No. 184860	Operator Name MELROSE OPERATING COMPANY	Well Number 190
		Elevation 3582'

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	14	22-S	35-E		1310	NORTH	1650	WEST	LEA

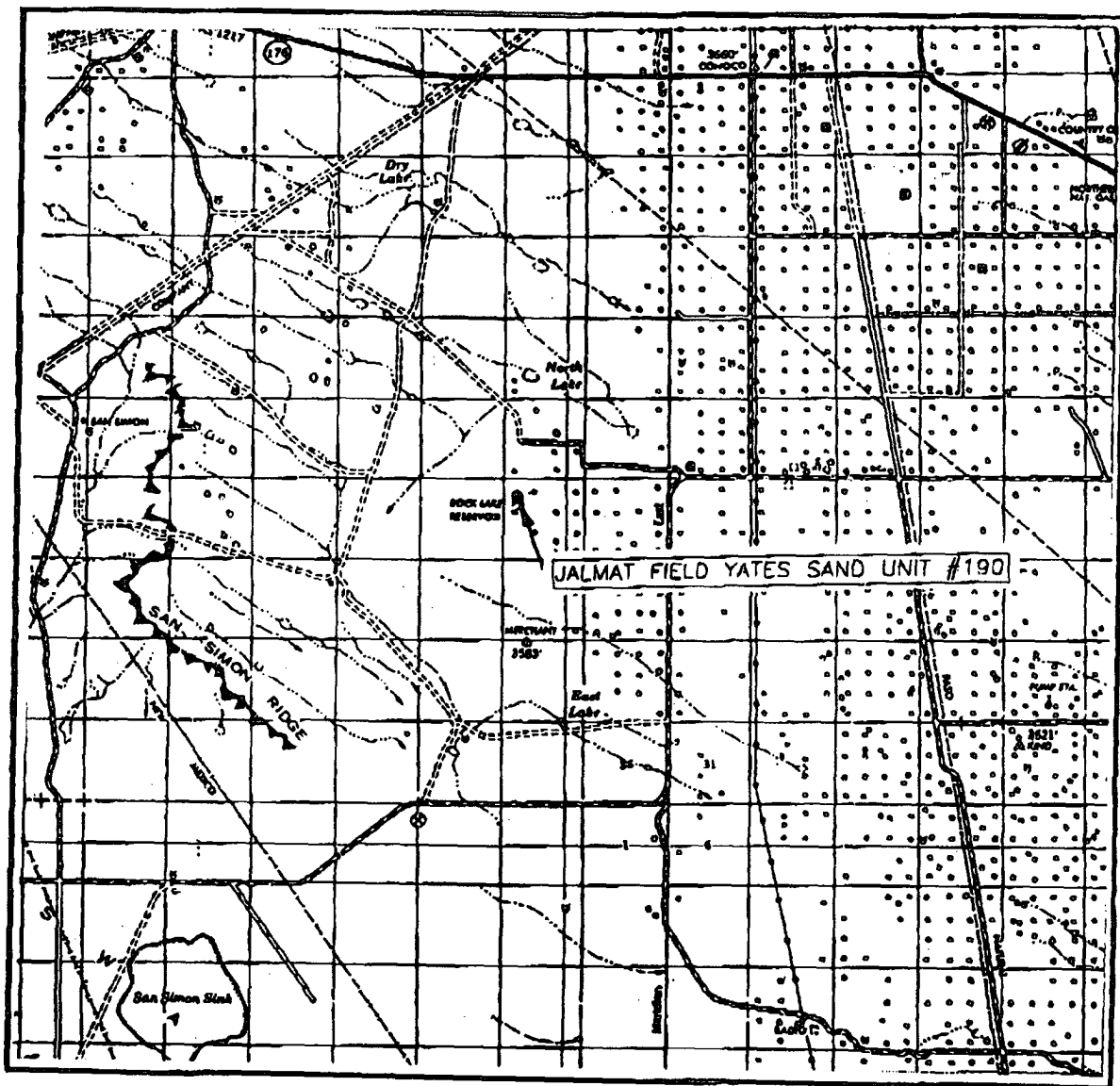
Bottom Hole Location if Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 4.0		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

	GEODETIC COORDINATES NAD 27 NME Y = 508849.3 N X = 806272.9 E LAT. 32°23'43.12"N LONG. 103°20'27.89"W	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>Ann E. Ritchie</i> Signature Ann E. Ritchie Printed Name Regulatory Agent Title 11-11-03 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. NOVEMBER 06, 2003
		Date Surveyed _____ L.A. Signature _____ Professional Surveyor <i>GARY E. GIDSON</i> GARY E. GIDSON 11/11/03 03.11.1218 Certification No. GARY E. GIDSON 12641

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 14 TWP. 22-S RGE. 35-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1310' FNL & 1650' FWL

ELEVATION 3582'

OPERATOR MELROSE OPERATIONS COMPANY

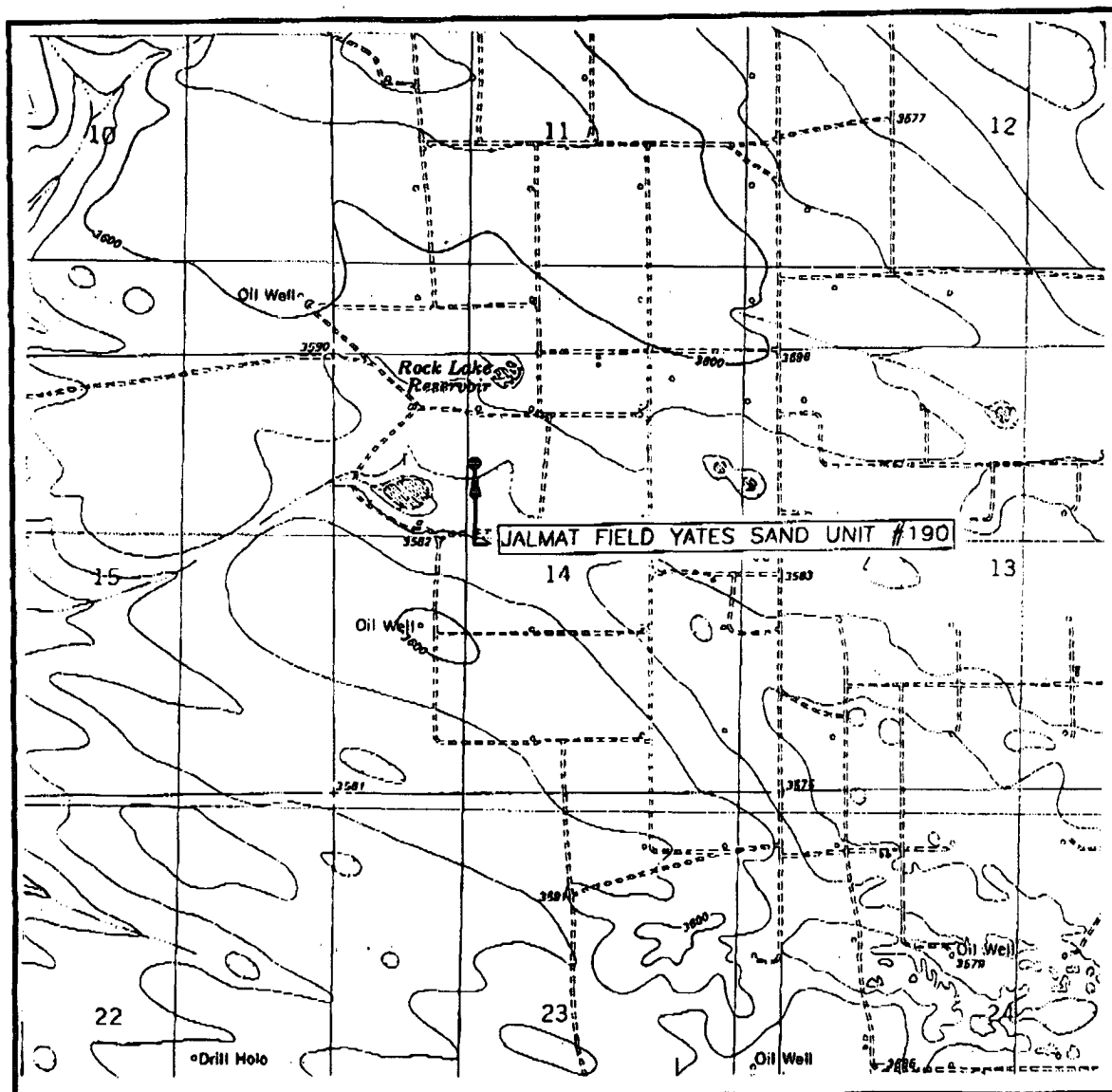
LEASE JALMAT FIELD YATES SAND UNIT

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

DRIVING DIRECTIONS

FROM THE INTERSECTION OF WEAVER ROAD AND DELAWARE BASIN ROAD, GO WEST ON DELAWARE BASIN ROAD 0.8 MILES TO CATTLE GUARD ON NORTH SIDE OF ROAD. GO NORTHWEST FOR 0.2 MILES, THEN WEST FOR 1.0 MILE TO "I" IN ROAD. GO SOUTH FOR 0.15 MILES. GO WEST FOR 0.5 MILES. GO SOUTH FOR 0.3 MILES. PROPOSED WELL LOCATION IS APPROX. 600' WEST.

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'
OIL CENTER, N.M.SEC. 14 TWP. 22-S RGE. 35-ESURVEY N.M.P.M.COUNTY LEADESCRIPTION 1310' FNL & 1650' FWLELEVATION 3582'OPERATOR MELROSE OPERATING COMPANYLEASE JALMAT FIELD YATES SAND UNITU.S.G.S. TOPOGRAPHIC MAP
OIL CENTER, N.M.**JOHN WEST SURVEYING**
HOBBS, NEW MEXICO
(505) 393-3117