

District I  
1622 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-101  
May 27, 2004

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Melrose Operating Co., c/o Box 953, Midland, TX 79702		OGRID Number: 184860
Property Code 25191	Property Name Jalmat Field Sand Yates Unit	API Number 30-025 35433-37580
Proposed Pool 1: Jalmat (T-Y-7R)		Proposed Pool 2

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	13	22S	35E		1310	North	2464	West	Lea

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

Additional Well Information

Work Type Code N	Well Type Code O	Cable/Rotary R	Lease Type Code S	Ground Level Elevation 3588'
Multiple No	Proposed Depth 4200'	Formation Yates	Contractor United Drlg.	Spud Date 11-30-05
Depth to Groundwater: 300-350'		Distance from nearest fresh water well: over 1/4 mile		Distance from nearest surface water: none
Pit: Liner: Synthetic X 12 mils thick Clay <input type="checkbox"/> Pit Volume: 3000 bbls Drilling Method: Closed-Loop System <input type="checkbox"/> Fresh Water X Brine X Diesel Oil-based <input type="checkbox"/> Gas Air <input type="checkbox"/>				

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	Surface
7 7/8"	5 1/2"	15 5#	4200'	1200 sx	Surface

Describe the proposed program. If this application 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 to 350', cement w/250 sx CI C - circulating cement to surface. WOC. Drill 7 7/8" hole to 4200', run open hole logs, set production casing string to approximately 4200', cementing with 1200 sx CI C, circulating cement to surface.  
Will perforate, stimulate & test well.  
We do not anticipate encountering any H2S intervals during the drilling of this well.

This is a request for a renewal of our application to drill initially filed in February 2001 and renewed in February, 2003.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines X, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Printed name: Ann E. Ritchie

Title: Regulatory Agent

E-mail Address: ann.ritchie@wtor.net

Date: 11-30-05

Phone: 432 684-6381

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions of Approval Attached ☐

PETROLEUM ENGINEER  
Expiration Date:

## DISTRICT I

P.O. Box 1000, Hobbs, NM 88241-1000

## DISTRICT II

P.O. Drawer 22, Artoia, NM 88211-0710

## DISTRICT III

1000 Rio Grande Rd., Artoia, NM 87410

## DISTRICT IV

P.O. Box 2000, Santa Fe, NM 87504-2000

State of New Mexico

Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

P.O. Box 2000

Santa Fe, New Mexico 87504-2000

DEC 2005

Received

Hobbs

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Form C-102

Issued February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-025-35433</b>	Pool Code <b>33820</b>	Pool Name <b>Jalmat (T-Y-7R)</b>
Property Code <b>25191</b>	Property Name <b>JALMAT FIELD YATES SAND UNIT</b>	Well Number <b>188</b>
OCRD No. <b>184860</b>	Operator Name <b>MELROSE OPERATING CO.</b>	Elevation <b>3588'</b>

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>C</b>	<b>13</b>	<b>22-S</b>	<b>35-E</b>		<b>1310</b>	<b>NORTH</b>	<b>2464</b>	<b>WEST</b>	<b>LEA</b>

## 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 <b>40</b>	Joint or Infill	Consolidation Code	Order No. <b>Water Flood</b>						

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 <u>Ann E. Ritchie</u> Printed Name <u>Regulatory Agent</u> Title <u>11-30-05 renewal</u> Date <u>C-102</u>	
	<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. FEBRUARY 22, 2001 Date Surveyed <u>AWB</u> Signature & Seal of Professional Surveyor <u>Ronald J. Edson 02/23/01</u> 01-11-0264 Certificate No. <u>RONALD J. EDSON 2200</u> <u>GARY EDSON 12641</u>	