

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

<sup>1</sup> Operator Name and Address <b>Melrose Operating Co.</b> <b>c/o P.O. Box 953</b> <b>Midland, TX 79702</b>		<sup>2</sup> OGRID Number <b>184860</b>
<sup>4</sup> Property Code <b>25191</b>		<sup>3</sup> API Number <b>30-025-36972</b>
<sup>5</sup> Property Name <b>Jalmat Field Sand Yates Unit</b>		<sup>6</sup> Well No. <b>207</b>

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
M	14	22S	35E		660	South	990	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 <b>Jalmat (T-Y-7R)</b>					10. Proposed Pool 2				

11. Work Type Code <b>N</b>	12. Well Type Code <b>O</b>	13. Cable/Rotary <b>R</b>	14. Lease Type Code <b>S</b>	15. Ground Level Elevation <b>3586'</b>
16. Multiple <b>no</b>	17. Proposed Depth <b>4200'</b>	18. Formation <b>Yates</b>	19. Contractor <b>United Drlg.</b>	20. Spud Date <b>11-29-04</b>

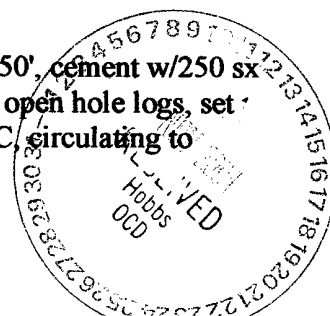
21. Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12 1/4"	8 5/8"	24#	350'	250 sx	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 to 350', cement w/250 sx Cl C circulating to surface. Drill 7 7/8" hole to 4200', run open hole logs, set production string casing to TD, cementing w/1200 sx Cl C circulating to surface. Will perforate and stimulate and 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: <i>Ann E. Ritchie</i>		<b>OIL CONSERVATION DIVISION</b>	
Printed Name: <b>Ann E. Ritchie</b>		Approved by: <i>Ann E. Ritchie</i> Title: <b>PETROLEUM ENGINEER</b>	
Title: <b>Regulatory Agent</b>		Approval Date: <b>NOV 29 2004</b> Expiration Date:	
Date: <b>11-8-04</b>	Phone: <b>432 684-6381</b>	Conditions of Approval: Attached: <input type="checkbox"/>	

**DISTRICT I**

1025 N. FRANCH DR., ROSA, NM 87540

**DISTRICT II**

1001 W. GRAND AVENUE, ARIZONA, NM 88210

**DISTRICT III**

1000 N. Duane Rd., Artesia, NM 87410

**DISTRICT IV**

1020 S. ST. FRANCIS DR., SANTA FE, NM 87505

**State of New Mexico**

Energy, Minerals and Natural Resources Department

**OIL CONSERVATION DIVISION**  
1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

**WELL LOCATION AND ACREAGE DEDICATION PLAT**☐ AMENDED REPORT

API # <b>30-025-36972</b>	Pool Code <b>33820</b>	Pool Name <b>Jalmat (Tansil, Yates, Seven Rivers)</b>
Property Code <b>25191</b>	Property Name <b>JALMAT FIELD YATES SAND UNIT</b>	Well Number <b>207</b>
OCRID No. <b>184860</b>	Operator Name <b>MELROSE OPERATING COMPANY</b>	Elevation <b>3586'</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>M</b>	<b>14</b>	<b>22-S</b>	<b>35-E</b>		<b>660</b>	<b>SOUTH</b>	<b>990</b>	<b>WEST</b>	<b>LEA</b>

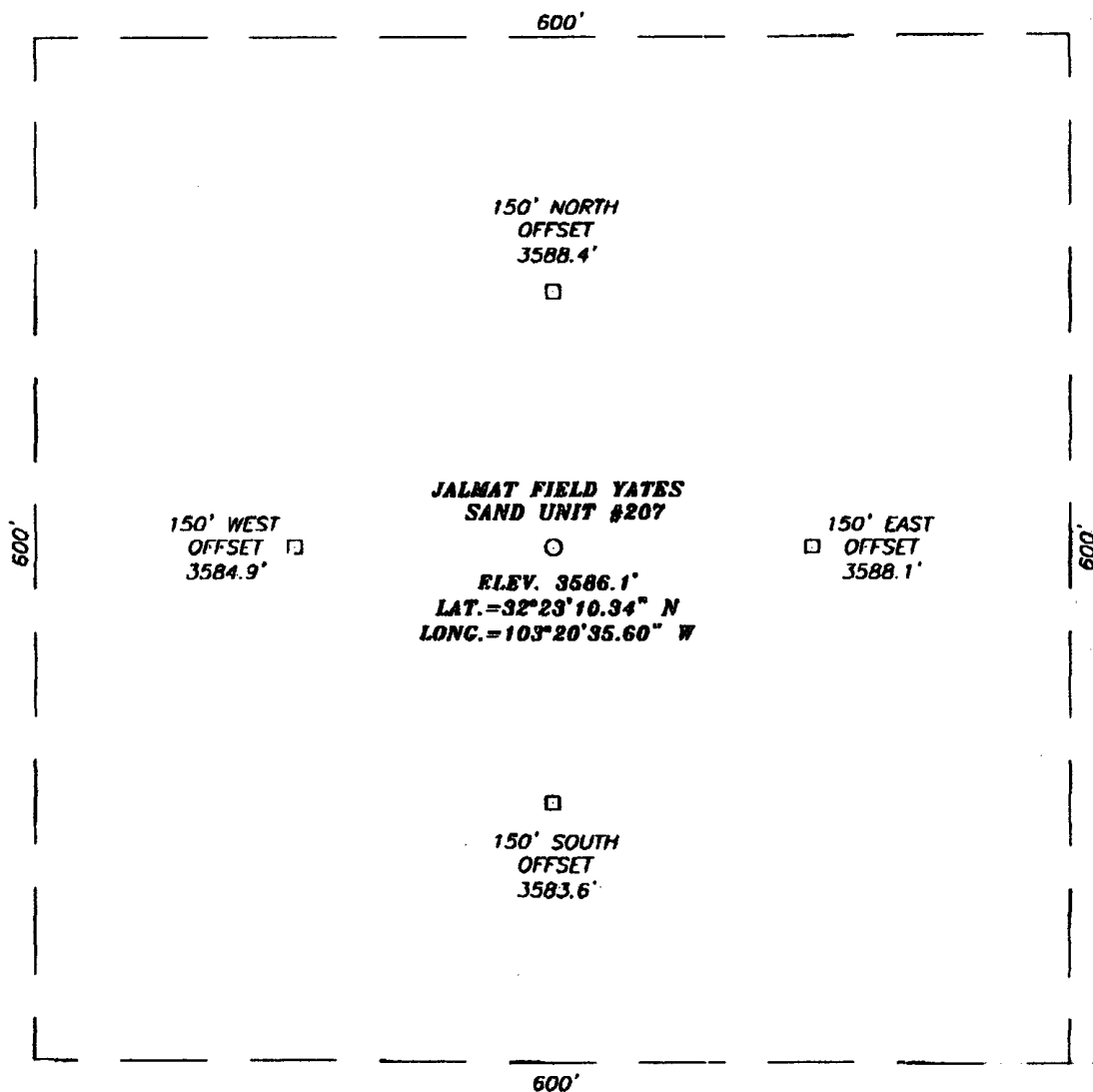
**Bottom Hole Location If Different From Surface**

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>Waterflood Unit</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**

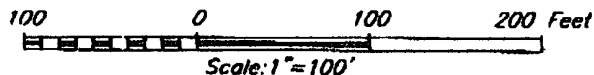
	<b>GEOMETRIC COORDINATES</b> NAD 27 NME Y=505631.2 N X=805642.6 E LAT.=32°23'10.34" N LONG.=103°20'35.60" W		<b>OPERATOR CERTIFICATION</b> I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature <b>Ann E. Ritchie</b> Printed Name <b>Regulatory Agent</b> Title <b>11-5-04</b> Date
	<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. <b>OCTOBER 29, 2004</b> Date Surveyed Signature of Surveyor  Professional Surveyor <b>G. EIDSON JR</b> State of New Mexico <b>04.11.1418</b> Certificate Number <b>12841</b>		

# SECTION 14, TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M., LEA COUNTY, NEW MEXICO



## DIRECTIONS TO LOCATION

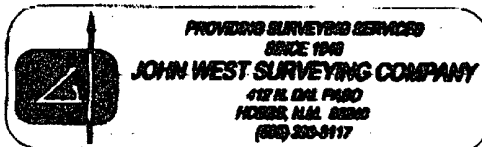
FROM THE INTERSECTION OF CO. RD. #21 (DELAWARE BASIN RD.) AND WEAVER RD., GO WEST CO. RD. #21 FOR APPROX. 0.9 MILES TO A ROAD ON THE RIGHT (SDX 1). TURN RIGHT (NW) AND FOLLOW ROAD FOR APPROX. 1.2 MILES TO A ROAD "T". GO SOUTH FOR APPROX. 800' TO A ROAD ON THE RIGHT. TURN RIGHT (WEST) AND GO APPROX. 0.3 MILES TO A ROAD ON THE LEFT. TURN LEFT (SOUTH) AND GO APPROX. 0.9 MILES TO A ROAD ON THE RIGHT. TURN RIGHT (WEST) AND GO APPROX. 0.5 MILES. PROPOSED LOCATION IS APPROX. 300' WEST.



## MELROSE OPERATING COMPANY

JALMAT FIELD YATES SAND UNIT #207 WELL  
LOCATED 660 FEET FROM THE SOUTH LINE  
AND 990 FEET FROM THE WEST LINE OF SECTION 14,  
TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.

Survey Date: 10/29/04	Sheet 1 of 1 Sheets
W.O. Number: 04.11.1418	Dr By: J.R. Rev 1: N/A
Date: 11/2/04	Disk: CD#10 04111418 Scale: 1"=100'



District I  
162-; N. French Dr. I I obbs. NM 87N240  
District II  
130 I W. Grand Ax coue. Arte,ia. NNI I;N2 I O  
District III  
1000 Rio Brazos Road. Aztec, N°V1 S7410  
District IV  
1220 S. St. Francis Dr., Santa Fe. NX4 87iO-;

State of New Mexico  
Energy Minerals and Natural Resources

Form C-144  
June 1, 2004

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

For drilling and production facilities, submit to  
appropriate NMOCD District Office.  
For downstream facilities, submit to Santa Fe  
office

Pit or Below-Grade Tank Registration or Closure

Is pit below-grade tank covered by a "general plan"? Yes ☐ No ☒  
Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

Operator: Melrose Operating Company Telephone: 432 6846381 e-mail address: ann.ritchie@wtor.net  
Address: c/o P.O. Box 953, Midland, TX 79702 30-025-36972  
Facility or well name: Jalmat Field Sand Yates Unit #207 API 4- pending U/L or Qtr/Qtr M Sec 14 T 22 S R 35E  
County: Lea Latitude Longitude NAD: 1927 ☐ 1983 ☐ Surface Owner Federal State ☐ Private ☒ Indian ☐

<b>Pit</b> Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness <u>1/2 in</u> <u>all</u> Clay <input type="checkbox"/> Pit Volume <u>8000</u> bbl	<b>Below-grade tank</b> Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If not, explain why not. _____
<b>Depth to ground</b> water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) <u>185'</u>	Less than 50 feet (20 points) 50 feet or more, but less than 100 feet (10 points) 100 feet or more 100 ft. (0 points) 0
<b>Wellhead protection area:</b> (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes (20 points) No (0 points) 0
<b>Distance to surface water:</b> (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.)	Less than 200 feet (20 points) 200 feet or more, but less than 1000 feet (10 points) 1000 feet or more 1000 ft or more (0 points) 0
<b>Ranking Score (Total Points)</b> 0 Points	

If this is a oil closure, (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location: (check the onsite box if you are burying in place) onsite: ☐ offsite ☒ If offsite, name of facility \_\_\_\_\_ (3) Attach a general description of remedial action taken including, remediation start date and end date (4) Groundwater encountered: No ☒ Yes ☐ If yes, show depth below ground surface \_\_\_\_\_ ft. and attach sample results. (.)

Attach soil sample results and a diagram of sample locations and excavations.

Additional Comments:

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines X a general permit, or an (attached) alternative OCD-approved plan.

Date: 11-8-04

Printed Name/Title Ann E. Ritchie, Regulatory Agent

Signature [Signature]

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Printed Name/Title PETROLEUM ENGINEER

Signature [Signature]

Date NOV 29 2004

Melrose Operating Company  
Drilling Rig Pad Schematic  
*Jalimar Field Yates Unit #207*  
Lea County, New Mexico  
Wellbore is 40' North of the pit

