

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 30-0 215 36976
⁴ Property Code 25191	⁵ Property Name Jalmat Field Sand Yates Unit	
		⁶ Well No. 211

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
N	14	22S	35E		10'	South	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 Jalmat (T-Y-7R)					¹⁰ Proposed Pool 2				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3584'
¹⁶ Multiple no	¹⁷ Proposed Depth 4200'	¹⁸ Formation Yates	¹⁹ Contractor United Drlg.	²⁰ Spud Date 12-14-04



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: 		OIL CONSERVATION DIVISION	
Printed Name: Ann E. Ritchie		Approved by: 	
Title: Regulatory Agent		Title: PETROLEUM ENGINEER	
Date: 11-8-04		Approval Date: Expiration Date:	
Phone: 432 684-6381		Conditions of Approval: Attached: <input type="checkbox"/> NOV 29 2004	

State of New Mexico

DISTRICT I

1220 S. FRANCIS DR., SANTA FE, NM 87505

DISTRICT II

1201 N. GRAND AVENUE, ALBUQUERQUE, NM 87102

DISTRICT III

1000 Rio Grande Blvd., Alamo, NM 87106

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

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 No. 30-025-36976	Well Code 33820	Well Name Jalmat (Tansil, Yates, Seven Rivers)
Property Code 25191	Property Name JALMAT FIELD YATES SAND UNIT	Well Number 211
OCRD No. 184860	Operator Name MELROSE OPERATING COMPANY	Elevation 3584'

Surface Location

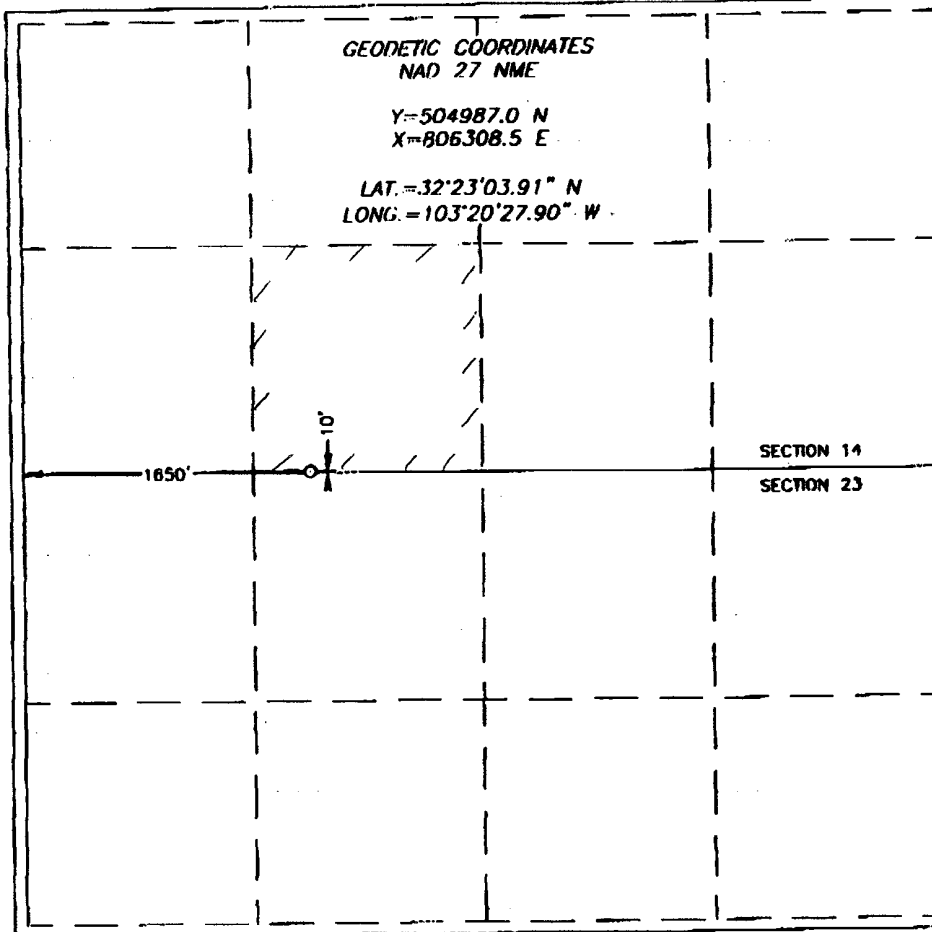
UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County
N	14	22-S	35-E		10	SOUTH	1650	WEST	LEA

Bottom Hole Location if Different From Surface

UL or lot No.	Section	Township	Range	Lot Ida	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No. Waterflood Unit
------------------------------	-----------------	--------------------	-------------------------------------

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



OPERATOR CERTIFICATION

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

Ann E. Ritchie
Signature

Ann E. Ritchie
Printed Name

Regulatory Agent
Title

11-5-04
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.

OCTOBER 29, 2004

Date Surveyed

JR

Signature

Professional Surveyor

NEW MEXICO

11/4/04

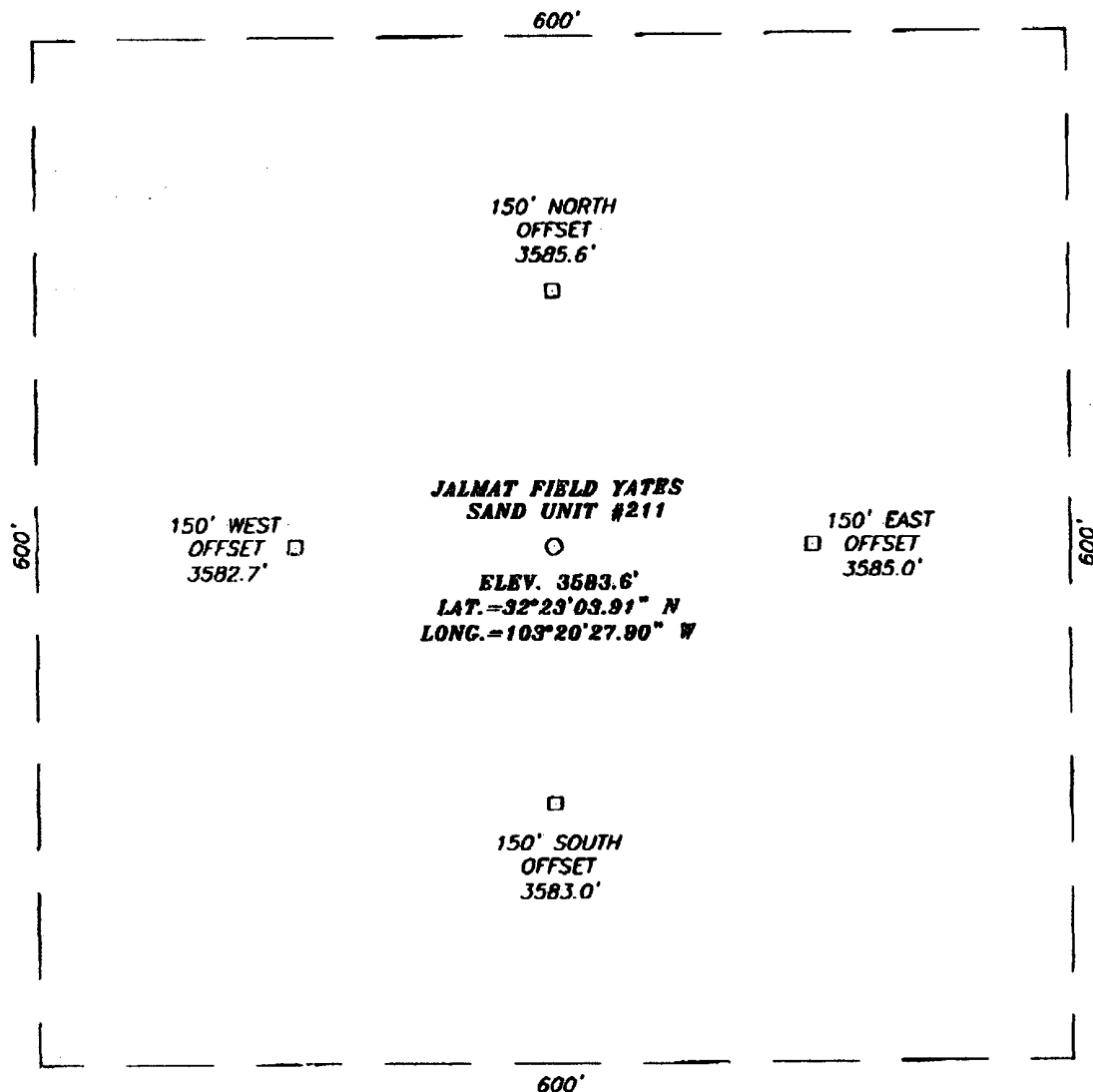
04.11.1421

Certified No. GARY

PROFESSIONAL SURVEYOR

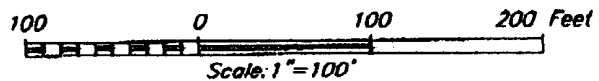
12841

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



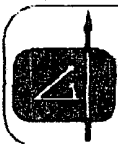
DIRECTIONS TO LOCATION

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. 0.4 MILES. PROPOSED LOCATION IS APPROX. 600' SOUTH.



MELROSE OPERATING COMPANY

JALMAT FIELD YATES SAND UNIT #211 WELL
LOCATED 10 FEET FROM THE SOUTH LINE
AND 1650 FEET FROM THE WEST LINE OF SECTION 14,
TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



PROVIDING SURVEYING SERVICES
SINCE 1948
JOHN WEST SURVEYING COMPANY
412 N. DAL PASEO
MORRIS, N.M. 88004
(505) 383-3117

Survey Date: 10/29/04	Sheet 1 of 1 Sheets
W.O. Number: 04.11.1421	Dr By: J.R. Rev 1: N/A
Date: 11/3/04	Disk: CD#10 04111421 Scale: 1"=100'

District I
162-7 N. French Dr., I I obbs. NM SN240
District II
130 I W. Grand Ax coue. Arte,ia. NNI I;N2 I O
District III
1000 Rio Brazos Road. Aztec, N'VI S7410
District IV
1220 S. St. Francis Dr., Santa Fe. NX4 87i(O)-,

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 30-025-36970
Facility or well name: Jalmat Field Sand Yates Unit #211 API 4: pending U/L or Qtr/Qtr: N Sec 14 T 22S R 35E
County: Lea Latitude Longitude NAD: 1927 ☐ 1983 ☐ Surface Owner Federal State ☐ Private ☒ Indian ☐

Pit
Type: Drilling ☒ Production ☐ Disposal ☐
Workover ☐ Emergency ☐
Lined ☒ Unlined ☐
Liner type: Synthetic ☒ Thickness 12 all mm Clay ☐
Pit Volume 8000 bbl

Below-grade tank

Volume: _____ bbl Type of fluid: _____
Construction material: _____
Double-walled, with leak detection? Yes ☐ If not, explain why not.

Depth to ground 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
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	Yes	(20 points)
	No No	(0 points) 0
Distance to surface water: (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
Ranking Score (Total Points)		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 TL 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

Signature [Signature]

Date: _____

PETROLEUM ENGINEER

NOV 29 2004

Melrose Operating Company
Drilling Rig Pad Schematic
Talmat Field Sand Yates Unit #211
Sandoval County, New Mexico
Wellbore is 40' North of the pit

