

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 36974
4 Property Code 25191	5 Property Name Jalmat Field Sand Yates Unit	6 Well No. 209

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	23	22S	35E		660'	North	2310	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 3587'
16. Multiple no	17. Proposed Depth 4200'	18. Formation Yates	19. Contractor United Drlg.	20. Spud Date 2-10-05

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.

AMENDED LOCATION due to transportation lines.

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:

2-2-05

Phone:

432 684-6381

OIL CONSERVATION DIVISION

Approved by:

Title:

PETROLEUM ENGINEER

Approval Date:

FEB 09 2005

Expiration Date:

Conditions of Approval:

Attached: ☐

State of New Mexico

Geology, Minerals and Natural Resources Department

DISTRICT I

1625 N. FRANKLIN DR., ALBUQUERQUE, NM 87240

DISTRICT II

1801 W. GRAND AVENUE, ALBUQUERQUE, NM 87102

DISTRICT III

1000 Rio Razaes Rd., Alamosa, NM 87410

DISTRICT IV

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

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

Form C-102

Revised JUNE 18, 2003

Submit to Appropriate District Office
State Issues - 4 Copies
For Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36974		Pool Code 33820	Pool Name Jalmat Tansill 4-58
Property Code 25191	Property Name JYSU		Well Number 209
OCRID No. 184860	Operator Name MELROSE OPERATING COMPANY		Elevation 3587'

Surface Location

UL or Int No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	23	22-S	35-E		660	NORTH	2310	WEST	LEA

Bottom Hole Location If Different From Surface

UL or Int 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. 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. Signature Ann E. Ritchie Printed Name Regulatory Agent Title 2-3-05 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 ability. JANUARY 27, 2005 Date Surveyed Signature Professional Surveyor 	
	GEODETIC COORDINATES NAD 27 NMC Y=504322.9 N X=806974.2 E LAT.=32°22'57.27" N LONG.=103°20'20.21" W	
	CONDATE NO. GARY E. DAVIDSON 12841	

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1220 S. St. Francis Dr., Santa Fe, NM 87504~

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-144

June 1, 2004

For drilling and production facilities, submit to
appropriate NMOC 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 ☒ Closures 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		
Facility or well name: Jalmat Field Sand Yates Unit API 4- 25 36974 U/L or Qtr/Qtr C Sec 23 T R 35E		
County: Lea	Latitude	Longitude
NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/> Surface Owner Federal <input type="checkbox"/> State <input checked="" type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
660,990' FNL & 2310' FWL, Well #209		
Pit 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 12 mm Clay <input type="checkbox"/> Pit Volume 8000 bbl		
Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes 0 If not, explain why not.		
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) 350'	Less than 100 feet 100 feet or more, build less than 100 feet 100 feet or more 100 ft.	(20 points) (10 points) (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 No No	(20 points) (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 200 feet or more, but less than 1000 feet 1000 feet or more 1000 ft or more	(20 points) (10 points) (0 points) 0
Ranking Score (Total Points)		0 Points

Is this an 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 _____ FL and attach sample results. (.)

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

Additional Comments:
Location amended.

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 NMOC guidelines ☒ a general permit, ☐ or an (attached) alternative OCD-approved plan.

Date: **2-2-05**Printed Name/Title: **Ann E. Ritchie, Regulatory Agent**Signature: 

Your certification and NMOC 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: 

Date: _____

FEB 08 2005

Melrose Operating Company
Drilling Rig Pad Schematic
Patmā - Field Sand Gates Unit
#209
Lea County, New Mexico
Wellbore is 40' North of the pit

