

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 - 37139
⁴ Property Code 25191	⁵ Property Name FIELD Jalmat Yates Sand Unit	⁶ Well No. 218 ✓

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
B	13	22S	35E		10'	North	1330'	East	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 3582'
16. Multiple no	17. Proposed Depth 4200'	18. Formation Yates	19. Contractor United Drilg.	20. Spud Date 3-20-05

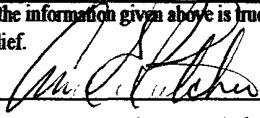
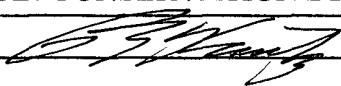
21. Proposed Casing and Cement Program

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 CI 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 CI 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: 3-9-05	Phone: 432 684-6381	Expiration Date: MAR 15 2005	

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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 Number 30-025-37139	Pool Code 33820	Pool Name Jalmat (T-Y-7R)
Property Code 25191	Property Name JALMAT YATES SAND UNIT	Well Number 218
OGRID No. 184860	Operator Name MELROSE OPERATING COMPANY	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
B	13	22-S	35-E		10	NORTH	1330	EAST	LEA

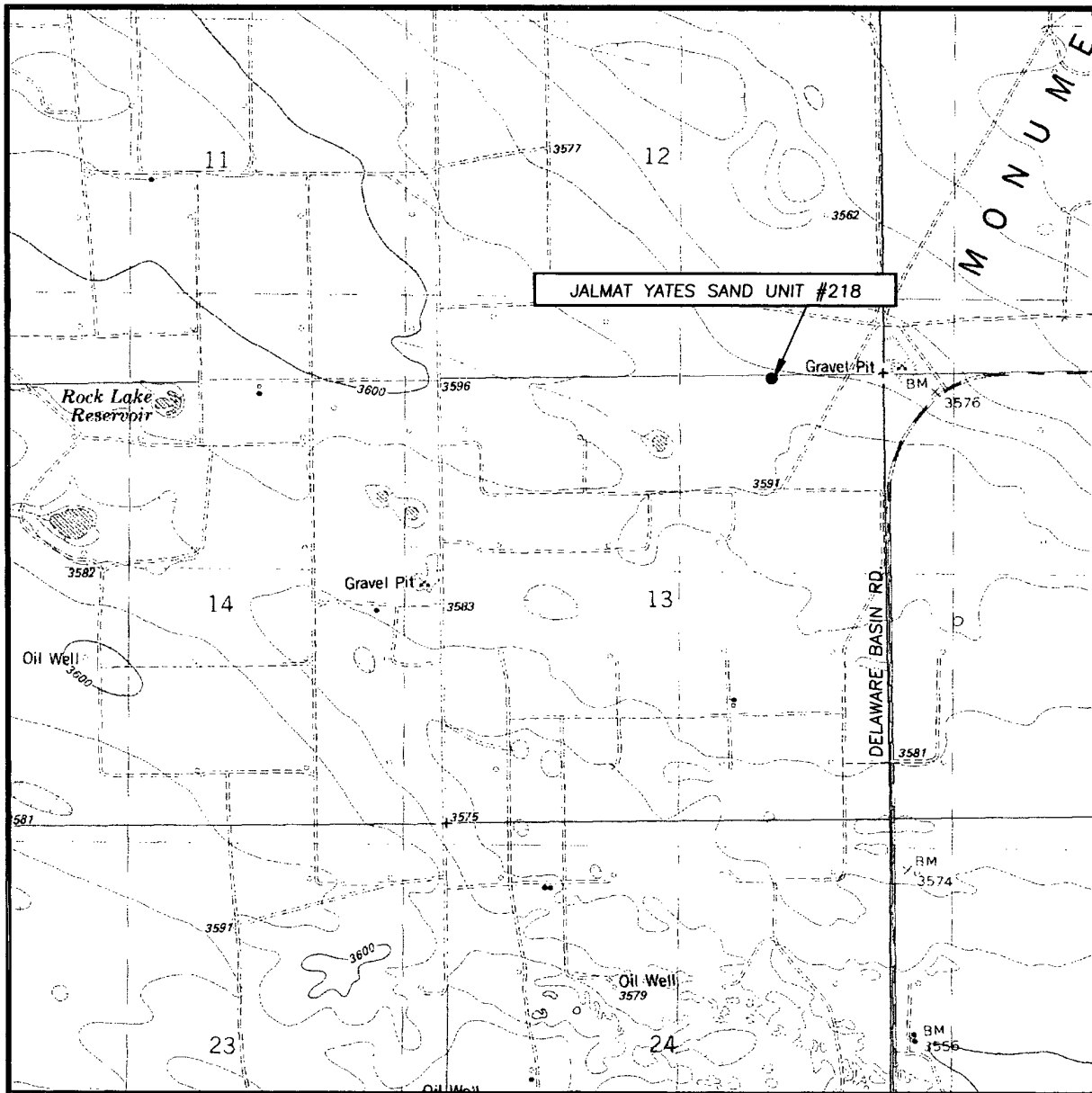
Bottom Hole Location If Different From Surface

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

<p>SECTION 12</p> <p>SECTION 13</p>		<p>1330'</p> <p>10'</p> <p>Jalmat</p>		<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>[Signature]</i></p> <p>Signature</p> <p>Ann E. Ritchie</p> <p>Printed Name</p> <p>Regulatory Agent</p> <p>Title</p> <p>3-9-05</p> <p>Date</p>	
				<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>FEBRUARY 18, 2005</p> <p>Date Surveyed REV: 3/1/05 JR</p> <p>Signature</p> <p>Professional Seal</p> <p>GARY EIDSON</p> <p>NEW MEXICO</p> <p>05.11.0308</p> <p>Certificate No. GARY EIDSON 12841</p>	
<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=510339.7 N X=813844.8 E</p> <p>LAT.=32°23'56.17" N LONG.=103°18'59.43" W</p>					

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
OIL CENTER, N.M. - 10'

SEC. 13 TWP. 22-S RGE. 35-E

SURVEY _____ N.M.P.M.

COUNTY _____ LEA

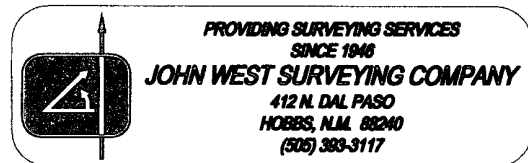
DESCRIPTION 10' FNL & 1330' FEL

ELEVATION _____ 3582'

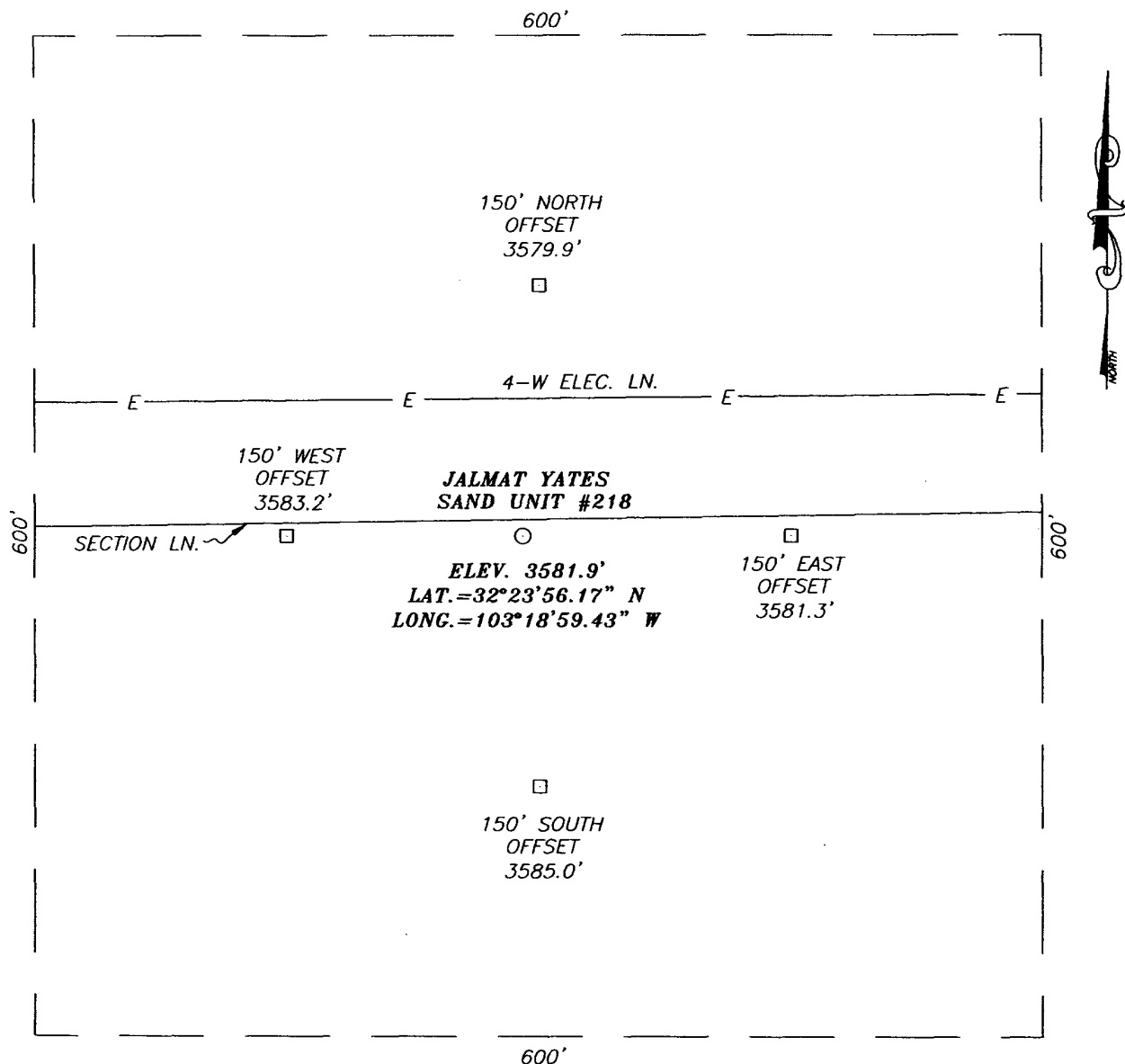
OPERATOR _____ MELROSE
OPERATING COMPANY

LEASE _____ JALMAT YATES SAND UNIT

U.S.G.S. TOPOGRAPHIC MAP
OIL CENTER, N.M.

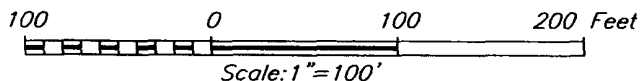


SECTION 13, TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CO. RD. #21
 (DELAWARE BASIN RD.) AND WEAVER RD., GO
 WEST CO. RD. #21 FOR APPROX. 0.75 MILES TO
 A CALICHE ROAD ON THE RIGHT. TURN RIGHT (NW)
 AND GO APPROX. 0.15 MILES TO A CALICHE ROAD
 ON THE LEFT. TURN LEFT (WEST) AND GO
 APPROX. 0.25 MILES. THIS LOCATION IS APPROX.
 700' SOUTH.



MELROSE OPERATING COMPANY

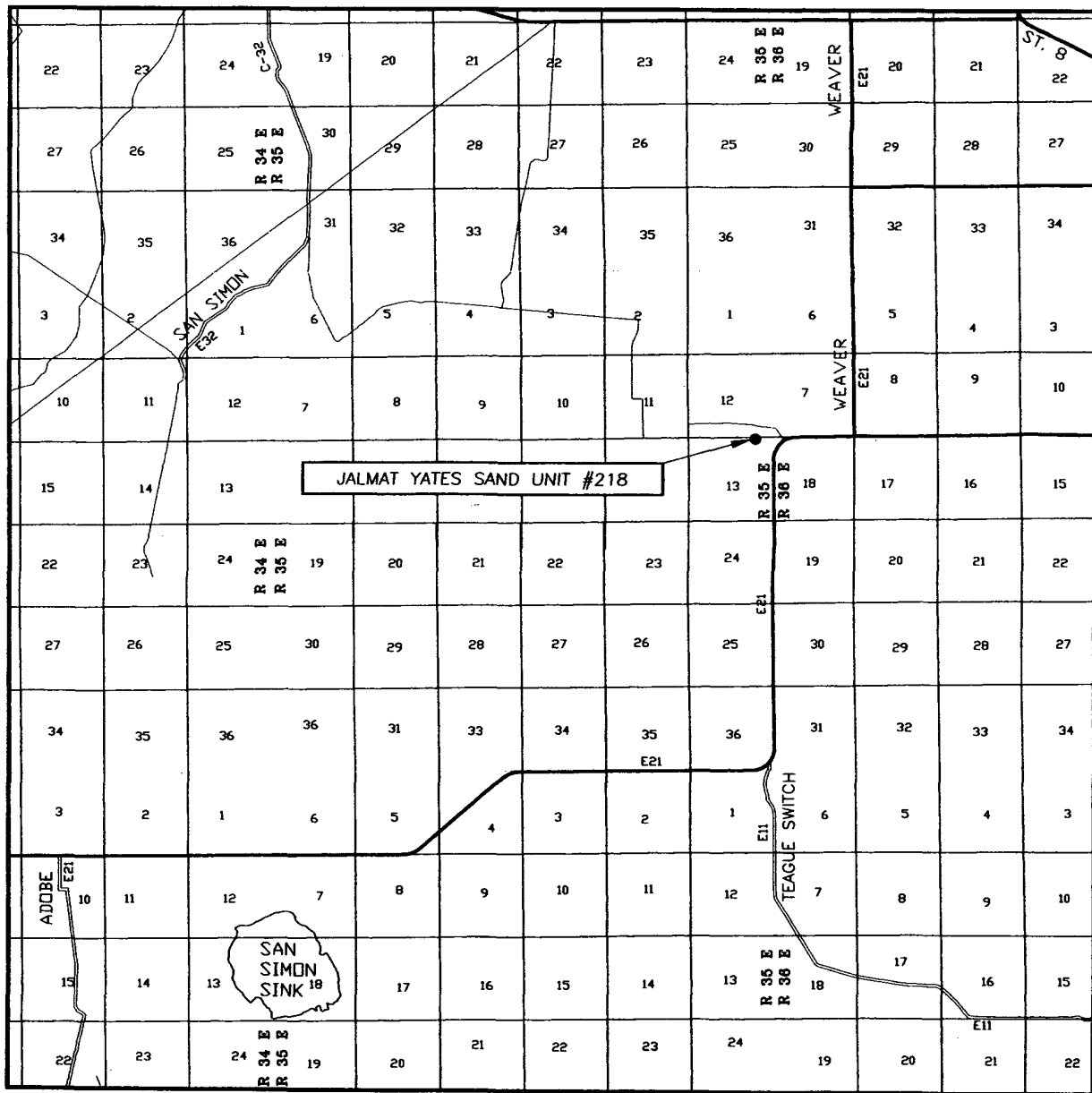
JALMAT YATES SAND UNIT #218 WELL
 LOCATED 10 FEET FROM THE NORTH LINE
 AND 1330 FEET FROM THE EAST LINE OF SECTION 13,
 TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO.

Survey Date: 2/18/05	Sheet 1 of 1 Sheets
W.O. Number: 05.11.0306	Dr By: J.R.
Date: 2/22/05	Disk: CD#5
05110306	Scale: 1"=100'



PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO
 HOBBS, N.M. 88240
 (505) 383-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 13 TWP. 22-S RGE. 35-E

SURVEY N.M.P.M.

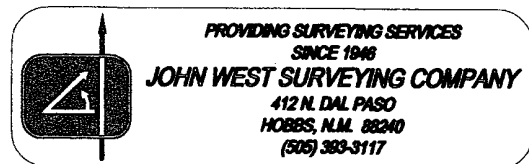
COUNTY LEA

DESCRIPTION 10' FNL & 1330' FEL

ELEVATION 3582'

MELROSE
OPERATOR OPERATING COMPANY

LEASE JALMAT YATES SAND UNIT



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

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 ☒ 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 30-025-37139		
Facility or well name: Cone/Jalmat Yates Unit API 4- pending U/L or Qtr/Qtr Sec 13 T22S R 35E		
County: Lea	Latitude	Longitude
NAD: 1927 <input type="checkbox"/> 1983 <input type="checkbox"/> Surface Owner Federal <input type="checkbox"/> State <input type="checkbox"/> Private <input checked="" type="checkbox"/> Indian <input type="checkbox"/>		
Section 13, T22S, R35E Cone #1224125 & Jalmat #217		
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 Clav <input type="checkbox"/>		
Pit Volume 8000 bbl		
Below-grade tank		
Volume: _____ bbl Type of fluid: _____		
Construction material: _____		
Double-walled, with leak detection? Yes <input type="checkbox"/> 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 (20 points)		
100 feet or more, build 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 (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		

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 _____ PL 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: **3-9-05**

Printed Name title **Ann E. Ritchie, Regulatory Agent**

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

MAR 15 2005

Date:

Melrose Operating Company
Drilling Rig Pad Schematic
Conc 122, 125 and Talmat 217 & 218
Lea County, New Mexico
Wellbore is 40' North of the pit

