

District I
1625 N. Fresch 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 ✓
⁴ Property Code 14576 25203		³ API Number 30-0 25 - 37136
⁵ Property Name Cone Jalmat Yates Pool Unit		⁶ Well No. 122 ✓

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	13	22S	35E		10'	South	2630'	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 3570'
16. Multiple no	17. Proposed Depth 4200'	18. Formation Yates	19. Contractor United Drlg.	20. Spud Date 3-23-05

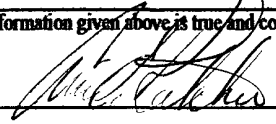


21. Proposed Casing and Cement Program

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		Approval Date: MAR 15 2005	
Phone: 432 684-6381		Expiration Date: 	
Conditions of Approval: Attached: <input type="checkbox"/>			

DISTRICT I
1625 N. FRENCH DR., HOBBBS, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

DISTRICT II
1301 V. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, 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 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 <i>30-025-37136</i>	Pool Code <i>33820</i>	Pool Name <i>Jalmat (T-Y-7R)</i>
Property Code <i>1457625203</i>	Property Name <i>CJYU</i>	Well Number <i>122</i>
OGRID No. <i>184860</i>	Operator Name <i>MELROSE OPERATING COMPANY</i>	Elevation <i>3570'</i>

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<i>N</i>	<i>13</i>	<i>22-S</i>	<i>35-E</i>		<i>10</i>	<i>SOUTH</i>	<i>2630</i>	<i>WEST</i>	<i>LEA</i>

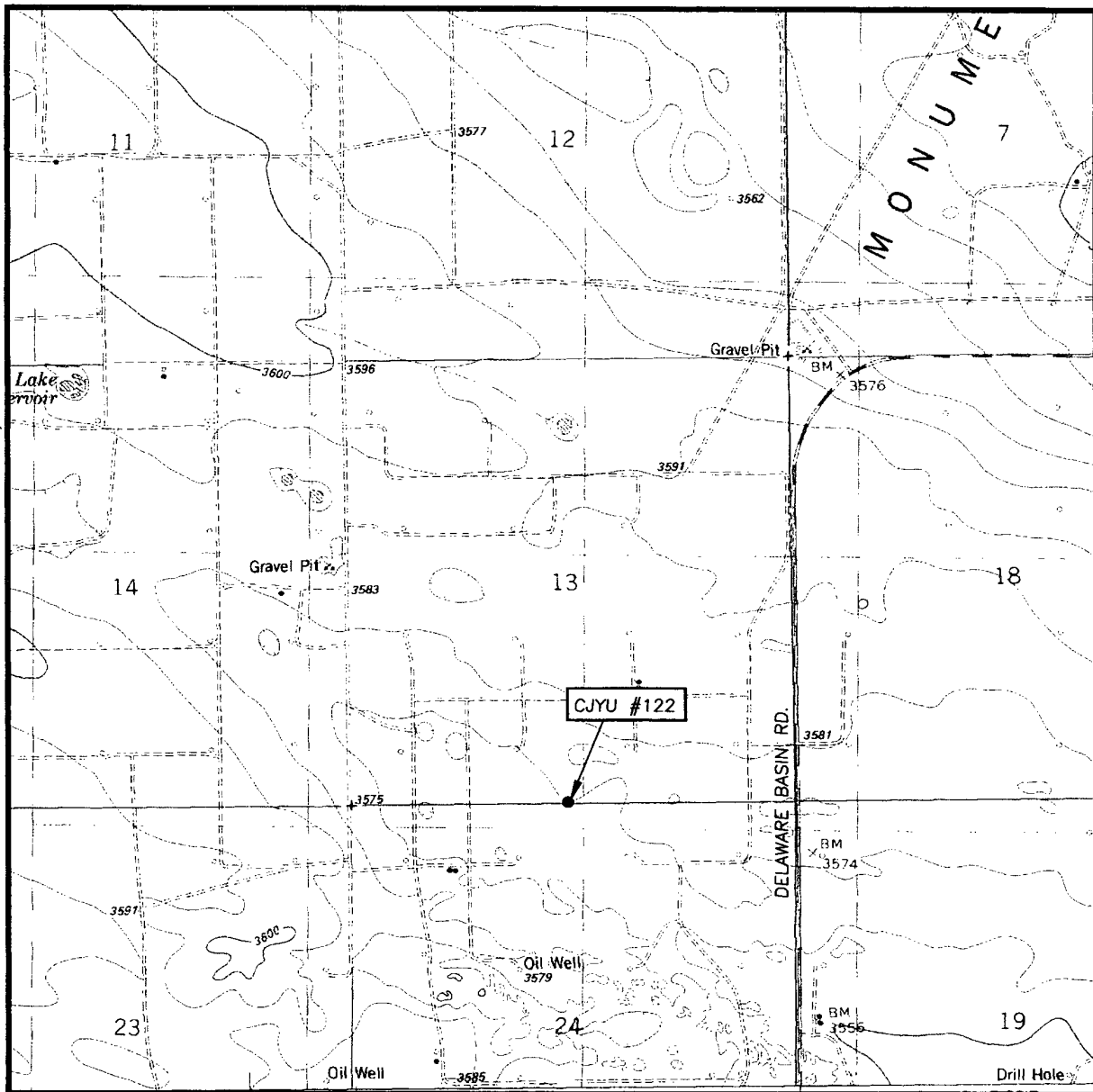
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres <i>40</i>	Joint or Infill	Consolidation Code	Order No. <i>Waterflood Unit</i>						

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>GEODETTIC COORDINATES NAD 27 NME Y=505058.2 N X=812571.2 E LAT.=32°23'04.03" N LONG.=103°19'14.87" W</p>	<p>SECTION 13 SECTION 24</p>	<p>OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. <i>[Signature]</i> Signature <i>Ann E. Ritchie</i> Printed Name <i>Regulatory Agent</i> Title <i>3-9-05</i> Date</p>
<p>2630'</p>	<p>SECTION 13 SECTION 24</p>	<p>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. JANUARY 27, 2005 Date Surveyed 3/1/05 JR Signature Professional Surveyor NEW MEXICO 05.11.0135 12641</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

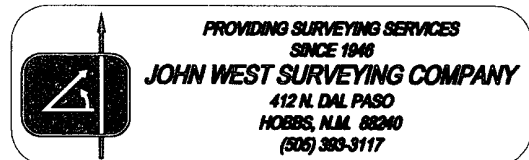
DESCRIPTION 10' FSL & 2630' FWL

ELEVATION 3570'

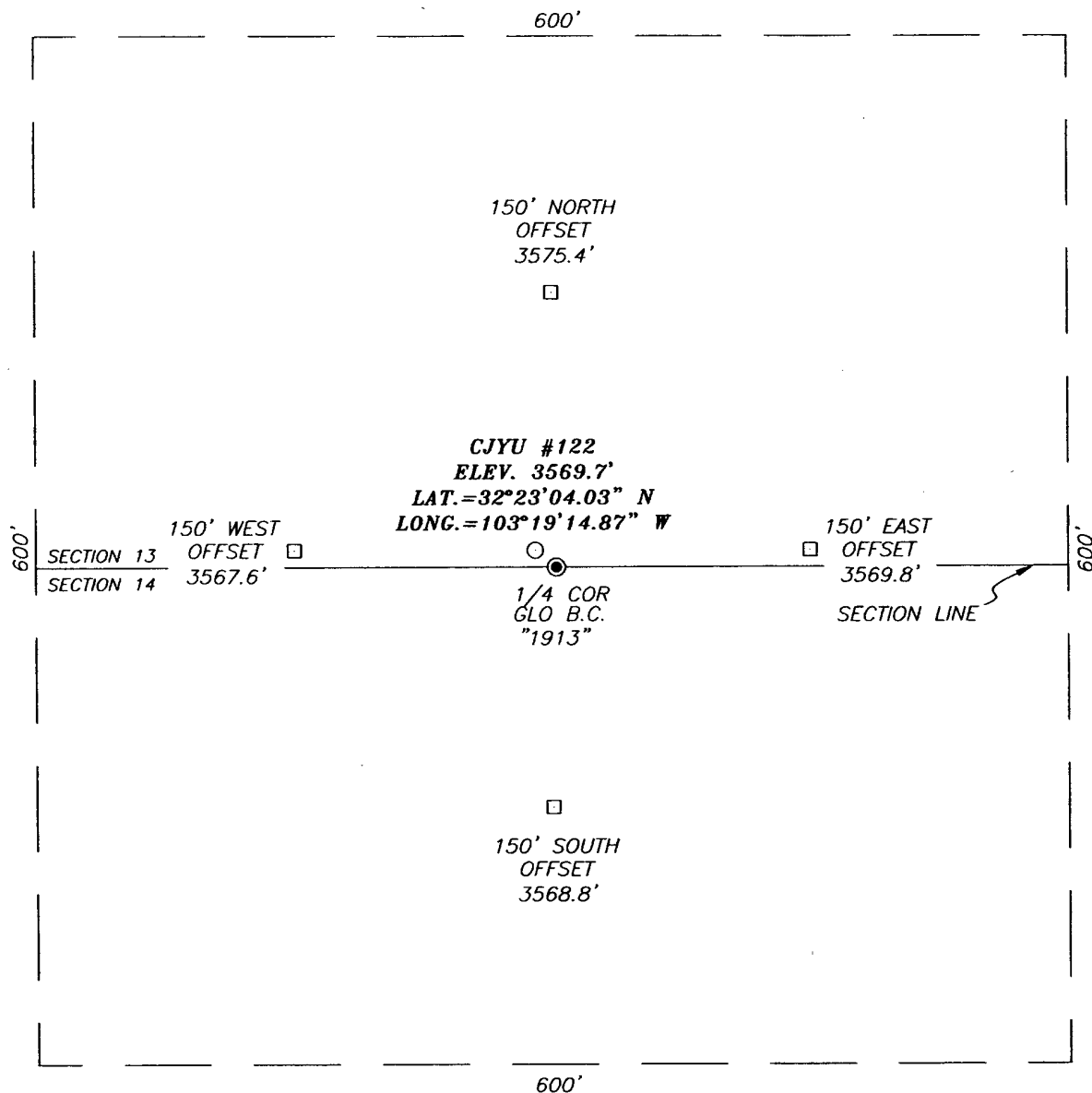
OPERATOR MELROSE OPERATING COMPANY

LEASE CJYU

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

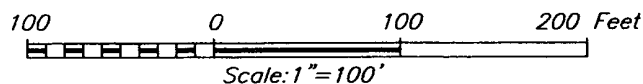


SECTION 13, TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

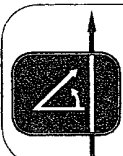
FROM THE INTERSECTION OF CO. RD. #21
 (DELAWARE BASIN RD.) AND WEAVER RD., GO
 WEST CO. RD. #21 FOR APPROX. 1.0 MILE.
 BEND LEFT (SOUTH) AND GO APPROX. 0.8
 MILES. TURN RIGHT (WEST) AND GO APPROX.
 0.1 MILES. TURN RIGHT (NORTH) AND GO
 APPROX. 0.1 MILES. TURN LEFT (WEST) AND
 GO APPROX. 0.3 MILES. TURN LEFT (SOUTH)
 AND GO APPROX. 0.1 MILES TO EXIST WELL.
 PROPOSED LOCATION IS APPROX. 0.1 MILES
 NORTH.



MELROSE OPERATING COMPANY

CJYU #122 WELL
 LOCATED 10 FEET FROM THE SOUTH LINE
 AND 2630 FEET FROM THE WEST LINE OF SECTION 13,
 TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO.

Survey Date: 1/27/05	Sheet 1 of 1 Sheets
W.O. Number: 05.11.0137	Dr By: J.R.
Date: 2/1/05	Disk: CD#5
05110137	Scale: 1"=100'




PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO
 HOBBS, N.M. 88240
 (505) 393-3117

The map displays a 36x36 grid of land parcels. A box labeled "CJYU #122" is located in the center-right area, pointing to a specific parcel. The map includes several labeled features:

- San Simon:** A winding road or boundary line labeled "SAN SIMON" runs diagonally across the upper left portion of the map.
- San Simon Sink:** An irregularly shaped area in the lower left is labeled "SAN SIMON SINK".
- Adobe:** A small area in the bottom left corner is labeled "ADOBE".
- Teague Switch:** A road or boundary line in the lower right is labeled "TEAGUE SWITCH".
- Weaver:** A road or boundary line in the upper right is labeled "WEAVER".
- St. 8:** A road or boundary line in the top right corner is labeled "ST. 8".

Range and Section numbers are indicated throughout the map:

- Range 34 E, Range 35 E, Range 36 E:** These labels are repeated in several locations, indicating the specific ranges covered by the map.
- Section Numbers:** Individual section numbers (e.g., 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36) are placed within the grid cells.



**PROVIDING SURVEYING SERVICES
SINCE 1946**
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBES, N.J. 08240
(505) 383-3117

District I
1625 N. French Dr., I I obbs. NM 88240
District II
130 I 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 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 30-025-37136							
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 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 Clay <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'	<table border="1"><tr><td>Less than 100 feet</td><td>(20 points)</td></tr><tr><td>100 feet or more, build less than 100 feet</td><td>(10 points)</td></tr><tr><td>100 feet or more 100 ft.</td><td>(0 points) 0</td></tr></table>	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
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.)	<table border="1"><tr><td>Yes</td><td>(20 points)</td></tr><tr><td>No</td><td>(0 points) 0</td></tr></table>	Yes	(20 points)	No	(0 points) 0		
Yes	(20 points)						
No	(0 points) 0						
Distance to surface water: (horizontal distance to all wetlands, playans, irrigation canals, ditches, and perennial and ephemeral watercourses.)	<table border="1"><tr><td>Less than 200 feet</td><td>(20 points)</td></tr><tr><td>200 feet or more, but less than 1000 feet</td><td>(10 points)</td></tr><tr><td>1 000 feet or more 1000 ft or more</td><td>(0 points) 0</td></tr></table>	Less than 200 feet	(20 points)	200 feet or more, but less than 1000 feet	(10 points)	1 000 feet or more 1000 ft or more	(0 points) 0
Less than 200 feet	(20 points)						
200 feet or more, but less than 1000 feet	(10 points)						
1 000 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 FL 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 ☒ 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

Melrose Operating Company
Drilling Rig Pad Schematic
Cone 122, 123 and Talmat 217 & 218
Lea County, New Mexico
Wellbore is 40' North of the pit

