

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 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 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Melrose Operating Company		² OGRID Number 184860
		³ API Number 30 - 025 - 37174
⁴ Property Code 14576 25/91	⁵ Property Name Jalmat Yates Sand Field Unit	⁶ Well No. 220
⁹ Proposed Pool 1 Jalmat (T-Y-7R)		¹⁰ Proposed Pool 2

⁷ Surface Location *Per RR*

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	11	22S	35E		1943 1912	South	955	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

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3602'
¹⁶ Multiple no	¹⁷ Proposed Depth 4200'	¹⁸ Formation Yates	¹⁹ Contractor United Drilling	²⁰ Spud Date 5-20-05
Depth to Groundwater 350		Distance from nearest fresh water well none		Distance from nearest surface water none
Pit: Liner: Synthetic X 12_mils thick Clay <input type="checkbox"/> Pit Volume: 8000_bbls Drilling Method: Rotary Closed-Loop System <input type="checkbox"/> Fresh Water X Brine X Diesel/Oil-based <input type="checkbox"/> Gas/Air <input type="checkbox"/>				

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 application 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 total depth, cementing with 1200 sx Cl C, circulating to surface. Will perforate, stimulate & test. Development well in waterflood.

Change of location

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. I further certify that the drilling pit will be constructed according to NMOCD guidelines X, a general permit <input type="checkbox"/> , or an (attached) alternative OCD-approved plan <input type="checkbox"/> .		OIL CONSERVATION DIVISION	
Printed name: Ann E. Ritchie		Approved by:	
Title: Regulatory Agent		Title: PETROLEUM ENGINEER	
E-mail Address: ann.ritchie@wtor.net		Approval Date: MAY 18 2005 Expiration Date:	
Date: 5-9-05	Phone: 432.684-6381	Conditions of Approval Attached <input type="checkbox"/>	

DISTRICT I
1626 N. FRENCH DR., HOBBBS, NM 88240

DISTRICT II
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DISTRICT IV
1220 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 Number 30-025-	Pool Code 33820	Pool Name Jalmat (T-Y-7R)
Property Code 14576 25191	Property Name JYSU	Well Number 220
OGRID No. 184860	Operator Name MELROSE OPERATING COMPANY	Elevation 3602'

Surface Location

UL or lot No. L	Section 11	Township 22-S	Range 35-E	Lot Idn 1943	Feet from the 1943	North/South line SOUTH	Feet from the 955	East/West line WEST	County LEA
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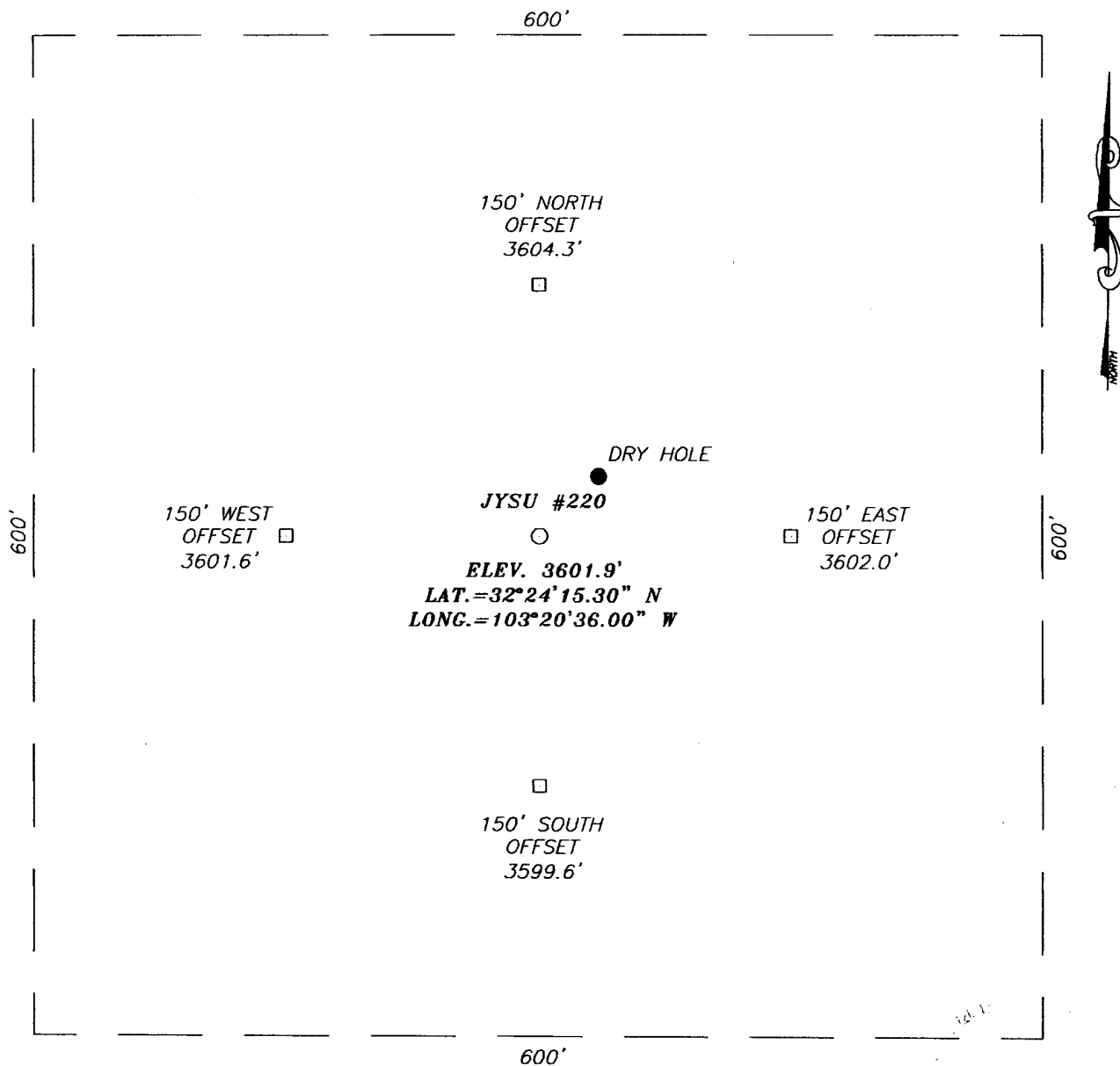
Bottom Hole Location If Different From Surface

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						

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

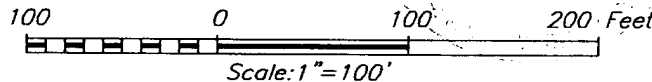
<p>GEODETIC COORDINATES NAD 27 NME Y=512195.2 N X=805547.1 E LAT.=32°24'15.30" N LONG.=103°20'36.00" W</p>				<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Ann E. Ritchie</i> Signature Ann E. Ritchie Printed Name Regulatory Agent Title 5-9-05 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>ABR 12205 Date Surveyed Signature Professional Surveyor 12641 05.11.065 Certification 12641</p>	
<p>955'</p> <p>1942'</p>					

SECTION 11, TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

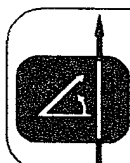
FROM THE INTERSECTION OF ST. HWY. #176 AND ST. HWY. #8 (11 MILES SOUTH OF MONUMENT). GO WEST ALONG ST. HWY. #176 APPROX. 2.0 MILES AND TURN LEFT (SOUTH). GO APPROX. 5.0 MILES TO A "TEE" INTERSECTION AND TURN RIGHT (WEST). GO APPROX. 0.95 MILES AND TURN RIGHT (NORTH). GO APPROX. 0.2 MILES. FOLLOW CURVE APPROX. 2.0 MILES AND TURN RIGHT (NORTH). GO APPROX. 0.15 MILES AND TURN LEFT (WEST). GO APPROX. 0.95 MILES TO A "TEE" INTERSECTION. THIS LOCATION IS APPROX. 130' WEST.



MELROSE OPERATING COMPANY

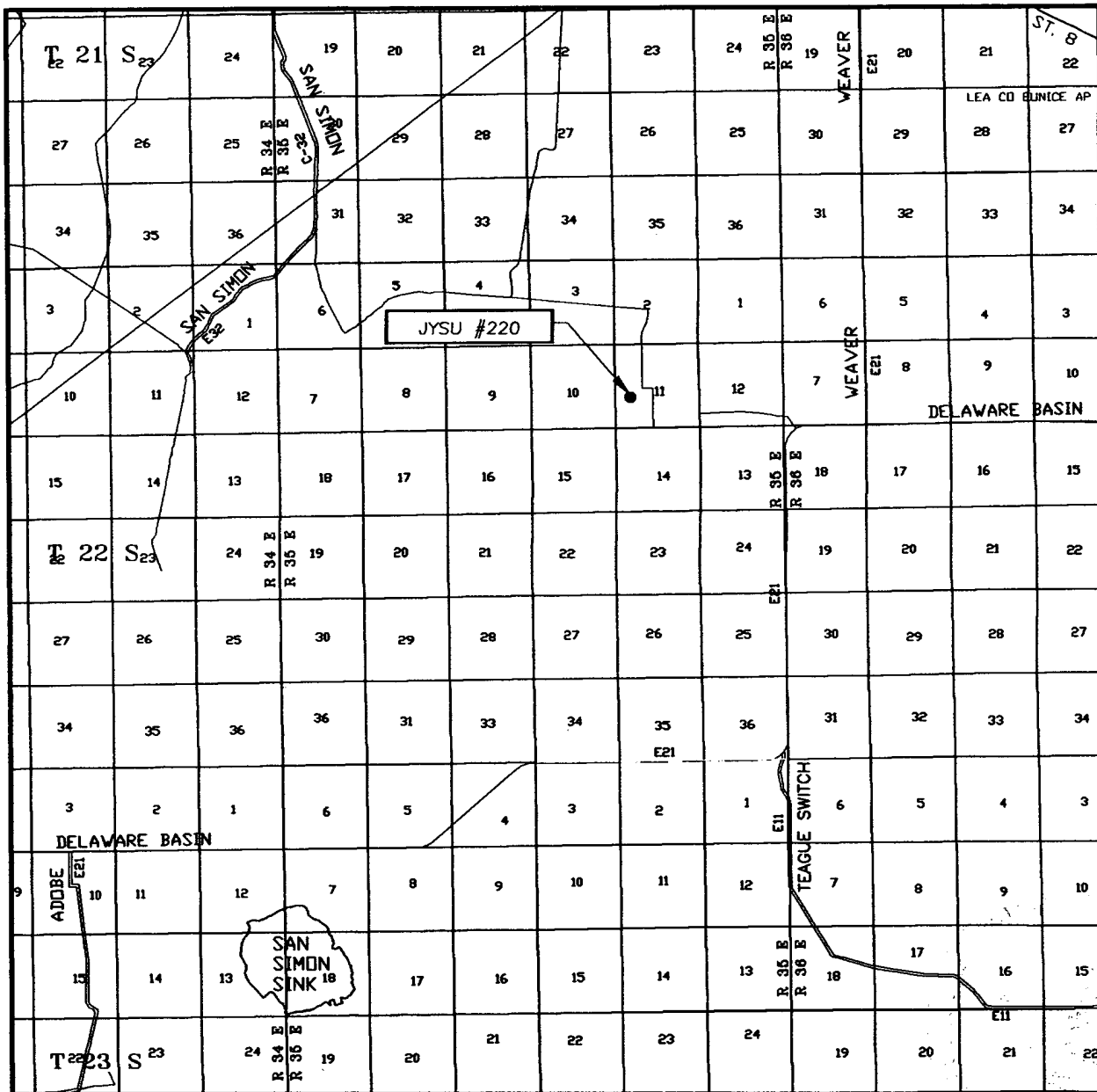
JYSU #220 WELL
 LOCATED 1942 FEET FROM THE SOUTH LINE
 AND 955 FEET FROM THE WEST LINE OF SECTION 11,
 TOWNSHIP 22 SOUTH, RANGE 35 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO.

Survey Date: 04/27/05	Sheet 1 of 1 Sheets
W.O. Number: 05.11.0657	Dr By: DEL
Date: 04/28/05	Rev 1:N/A
Disk: CD#4	05110657
	Scale: 1"=100'



PROVIDING SURVEYING SERVICES
 SINCE 1948
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO
 HOBBS, N.M. 88240
 (505) 383-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 11 TWP. 22-S RGE. 35-E

SURVEY N.M.P.M.

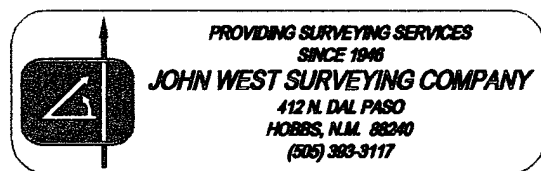
COUNTY LEA

DESCRIPTION 1942' FSL & 955' FWL

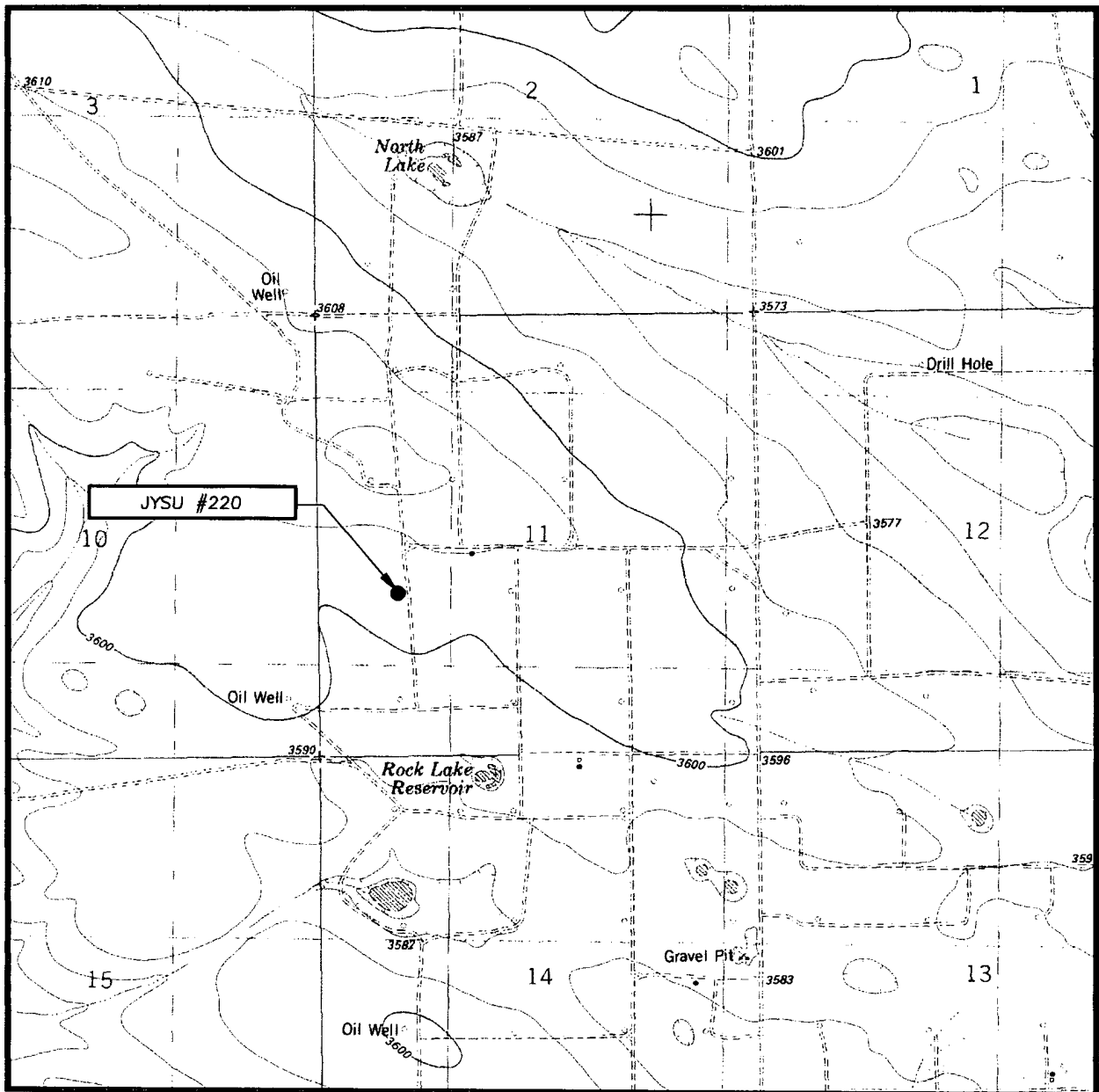
ELEVATION 3602'

MELROSE
OPERATOR OPERATING COMPANY

LEASE JYSU



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

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

SEC. 11 TWP. 22-S RGE. 35-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1942' FSL & 955' FWL

ELEVATION 3602'

OPERATOR MELROSE
OPERATING COMPANY

LEASE JYSU

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

