

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

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 Xeric Oil & Gas Corporation PO Box 352 Midland, Texas 79702		² OGRID Number 025482
		³ API Number 30 - 025 - 36215
⁴ Property Code 32041	⁵ Property Name Merlot	⁶ Well No. 1

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
H	23	19-S	38 39-E		1980'	North	330'	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 Nadine Drinkard ABO	¹⁰ Proposed Pool 2 Nadine Tubb/Nadine Blinebry
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¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3597'
¹⁶ Multiple No	¹⁷ Proposed Depth 8000'	¹⁸ Formation ABO	¹⁹ Contractor Key Energy Co.	²⁰ Spud Date ASAP

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	1600'	850	Circulated
7 7/8"	5 1/2"	17	8000'	900	Circ-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.

1. Drill 12 1/4" hole to approximately 1600' or hard formation w/fresh water
2. Set 8 5/8" csg & cement w/650 sx "C" + 4% gel + 2% Cacl + 200 sx "E" + 2% Calc; circulate cement to surface
3. Drill 7 7/8" hole with brine water to 8000". Run open hole logs.
4. Set 5 1/2" csg. Cement w/555 sx "C" 35:65: poz + 6% gel + 5% salt + .25% celloflake; tail w/345 sx "C"; circulate to surface

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Glenda Hunt*

Printed name: Glenda Hunt

Title: Senior Production Analyst

Date: 3/3/03

Phone: 915-683-3171

OIL CONSERVATION DIVISION

Approved by: *[Signature]*

Title: PETROLEUM ENGINEER

Approval Date: MAR 07 2003 Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

Energy, Minerals and Natural Resources Department.

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36215		Pool Code 47510	Pool Name Nadine Drinkard ABO
Property Code 32041	Property Name MERLOT		Well Number 1
OGRID No. 025482	Operator Name XERIC OIL & GAS CORPORATION		Elevation 3597'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	23	19-S	38-E		1980'	NORTH	330	EAST	LEA

Bottom Hole Location If Different From Surface

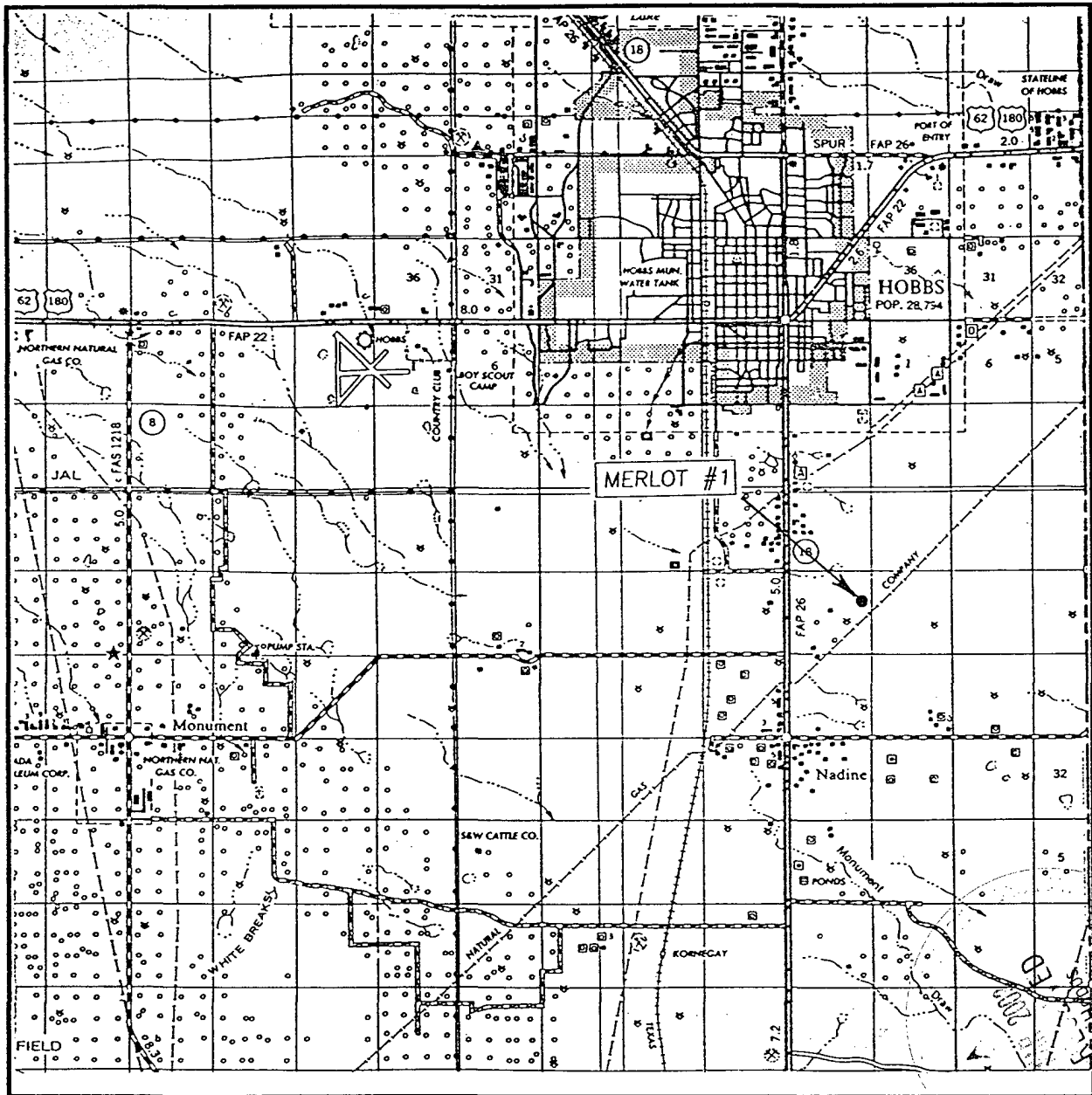
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	No		

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

1980'  GEODETIC COORDINATE SPC NME NAD 1927 Y= 601443.9 X= 876186.2 LAT. 32°38'51.07"N LONG. 103°06'40.25"W	OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i> <i>Glenda Hunt</i> Signature Glenda Hunt Printed Name Senior Production Analyst Title 3/3/03 Date SURVEYOR CERTIFICATION <i>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.</i> FEBRUARY 24, 2003 Date Surveyed Signature & Seal of Professional Surveyor FEBRUARY 24, 2003 Certificate No. RONALD J. EDSON 3239 GARY EDSON 12641
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VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 23 TWP. 19-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980 FNL & 330' FEL

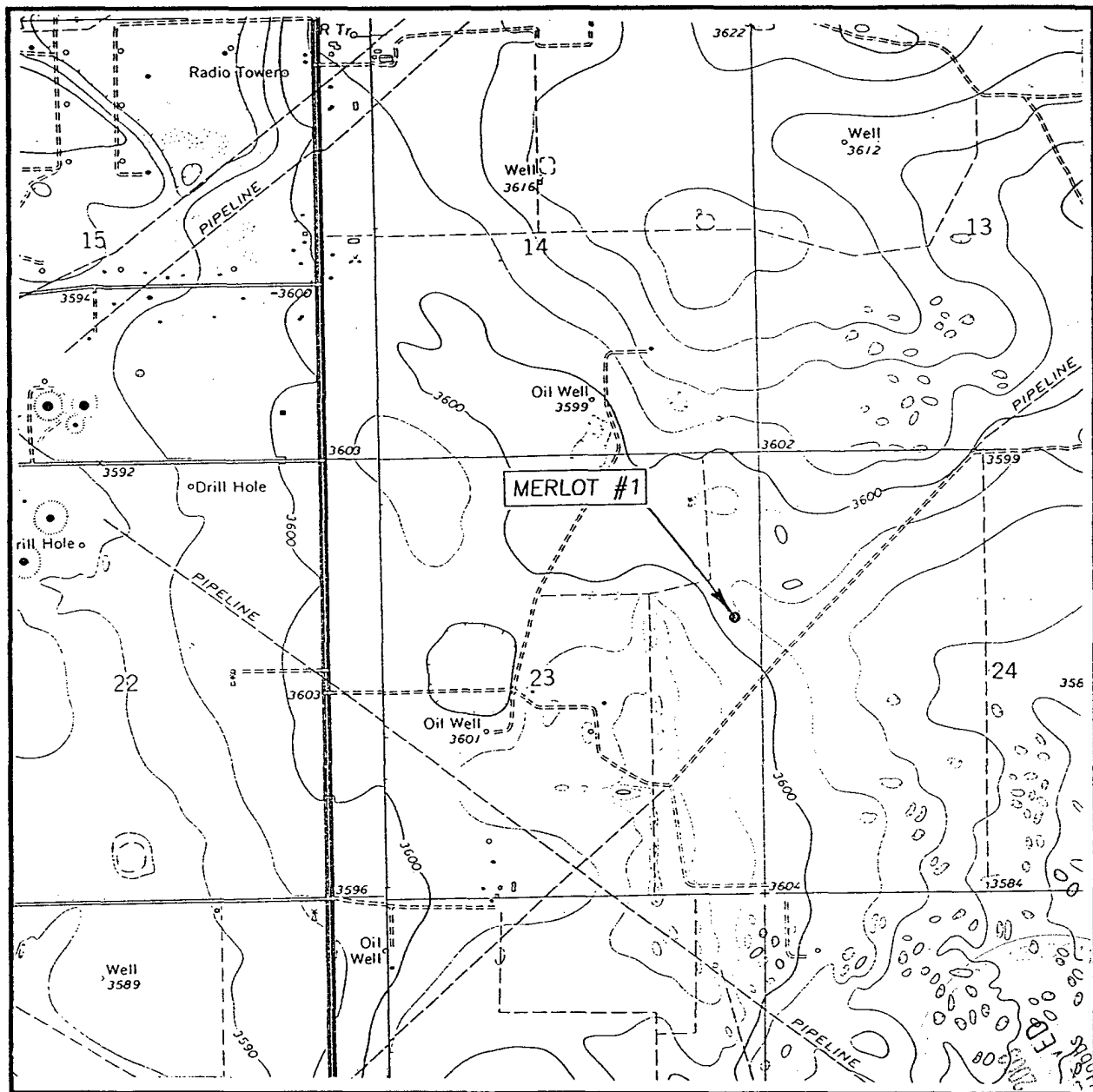
ELEVATION 3597'

OPERATOR XERIC OIL & GAS CORPORATION

LEASE MERLOT

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 5'
HOBBS EAST, N.M.

SEC. 23 TWP. 19-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980 FNL & 330' FEL

ELEVATION 3597'

OPERATOR XERIC OIL & GAS CORPORATION

LEASE MERLOT

U.S.G.S. TOPOGRAPHIC MAP
HOBBS EAST, N.M.

JOHN WEST SURVEYING
HOBBS, NEW MEXICO
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State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36215	Pool Code 47525	Pool Name Nadine Tubb
Property Code 32041	Property Name MERLOT	Well Number 1
OGRID No. 028482	Operator Name XERIC OIL & GAS CORPORATION	Elevation 3597'

Surface Location

UL or lot No. H	Section 23	Township 19-S	Range 38-E	Lot Idn	Feet from the 1980'	North/South line NORTH	Feet from the 330	East/West line EAST	County LEA
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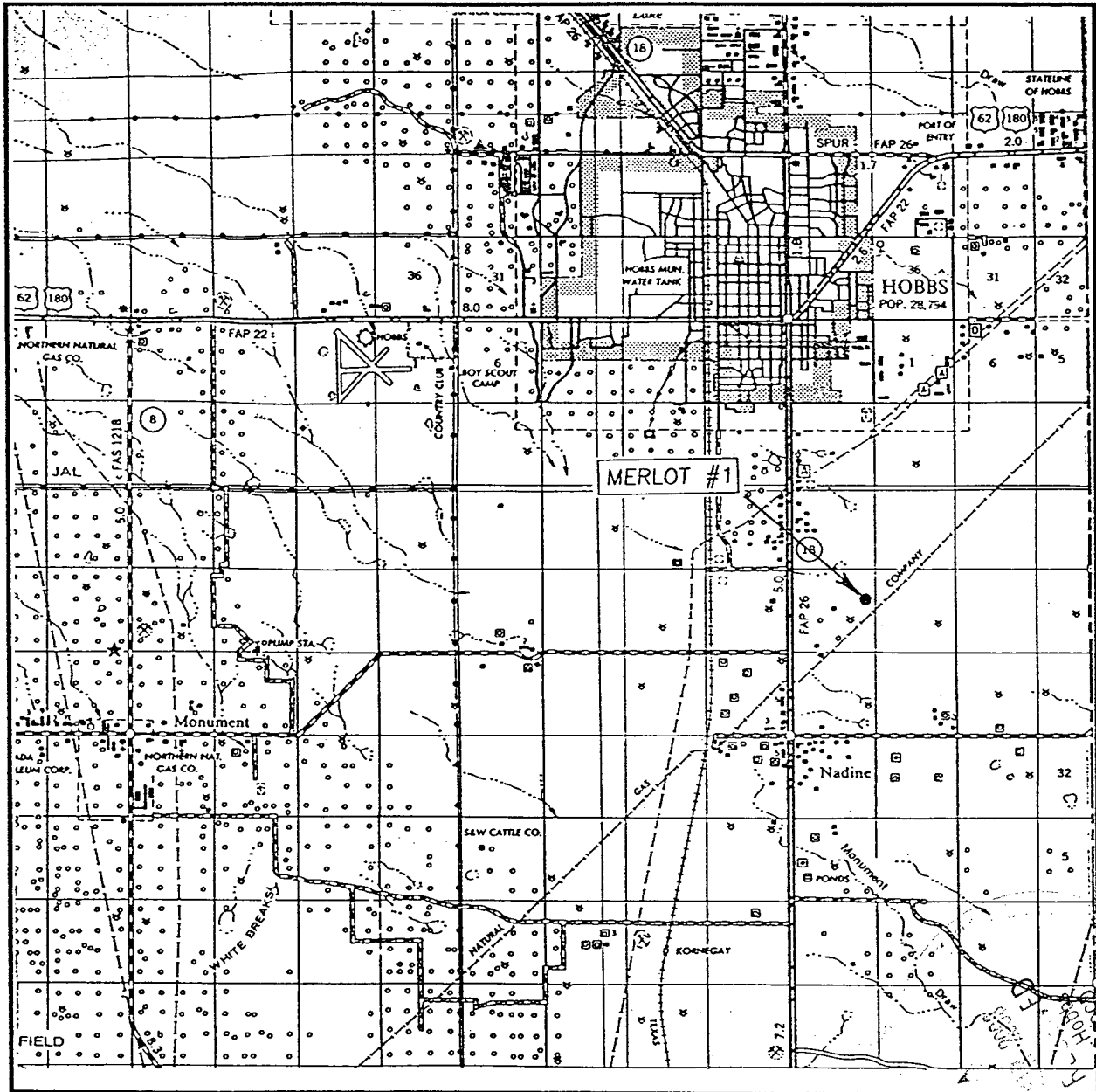
Bottom Hole Location If Different From Surface

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 No	Consolidation Code	Order No.						

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		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. FEBRUARY 24, 2003 Date Surveyed Signature & Seal of Professional Surveyor Professional Surveyor 3/27/03 03.11.0190
		Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12841

MONTH



SEC. 23 TWP. 19-S RGE. 38-E

SURVEY_____ N.M.P.M.

COUNTY LEA

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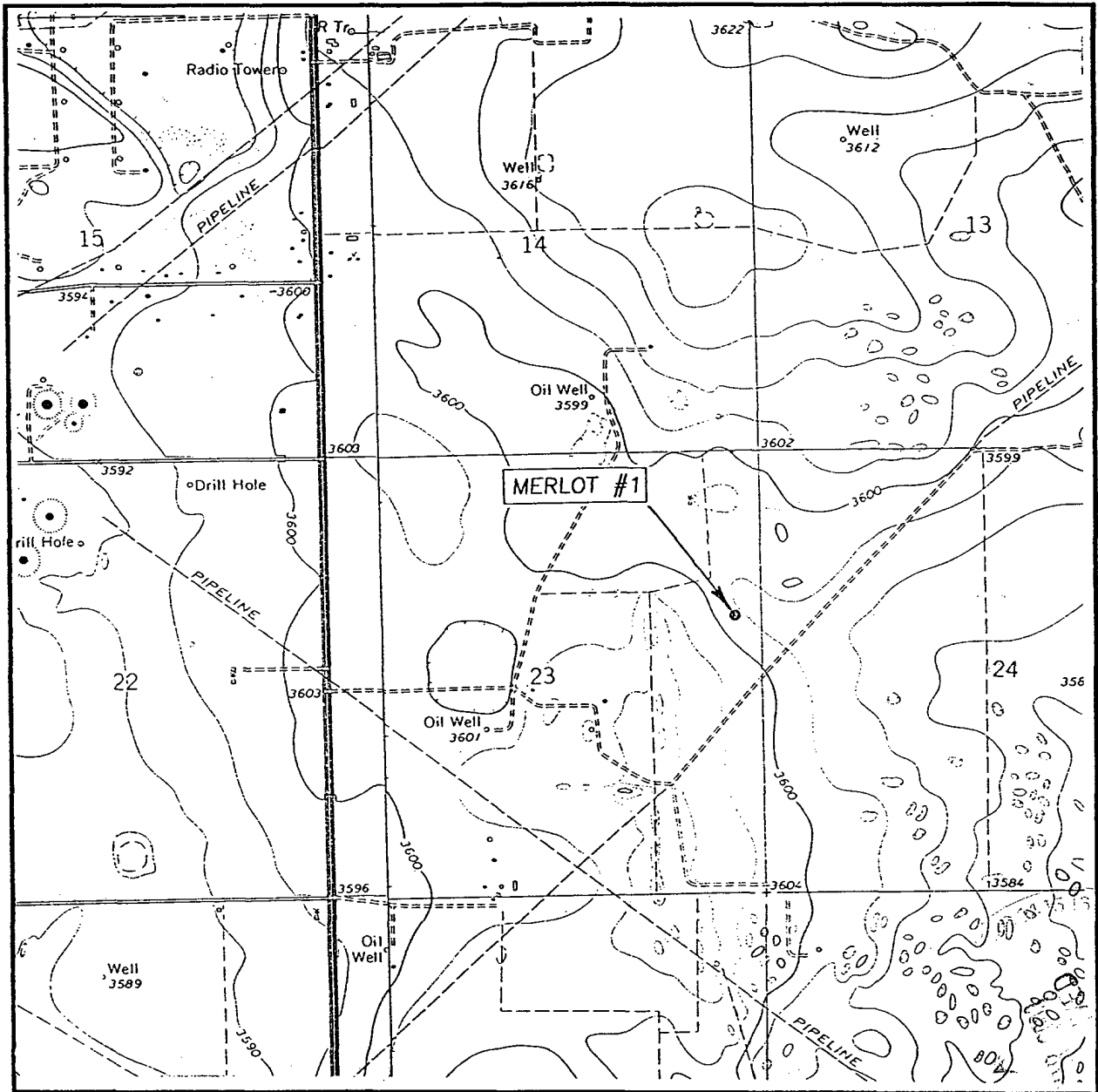
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OPERATOR XERIC OIL & GAS CORPORATION

LEASE MERLOT

JOHN WEST SURVEYING
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LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

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HOBBS EAST, N.M.

SEC. 23 TWP. 19-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

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ELEVATION 3597'

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U.S.G.S. TOPOGRAPHIC MAP
HOBBS EAST, N.M.

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State of New Mexico

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025- <u>36215</u>	Pool Code 47395	Pool Name Nadine Blinebry
Property Code <u>32041</u>	Property Name MERLOT	Well Number 1
OGRID No. 025482	Operator Name XERIC OIL & GAS CORPORATION	Elevation 3597'

Surface Location

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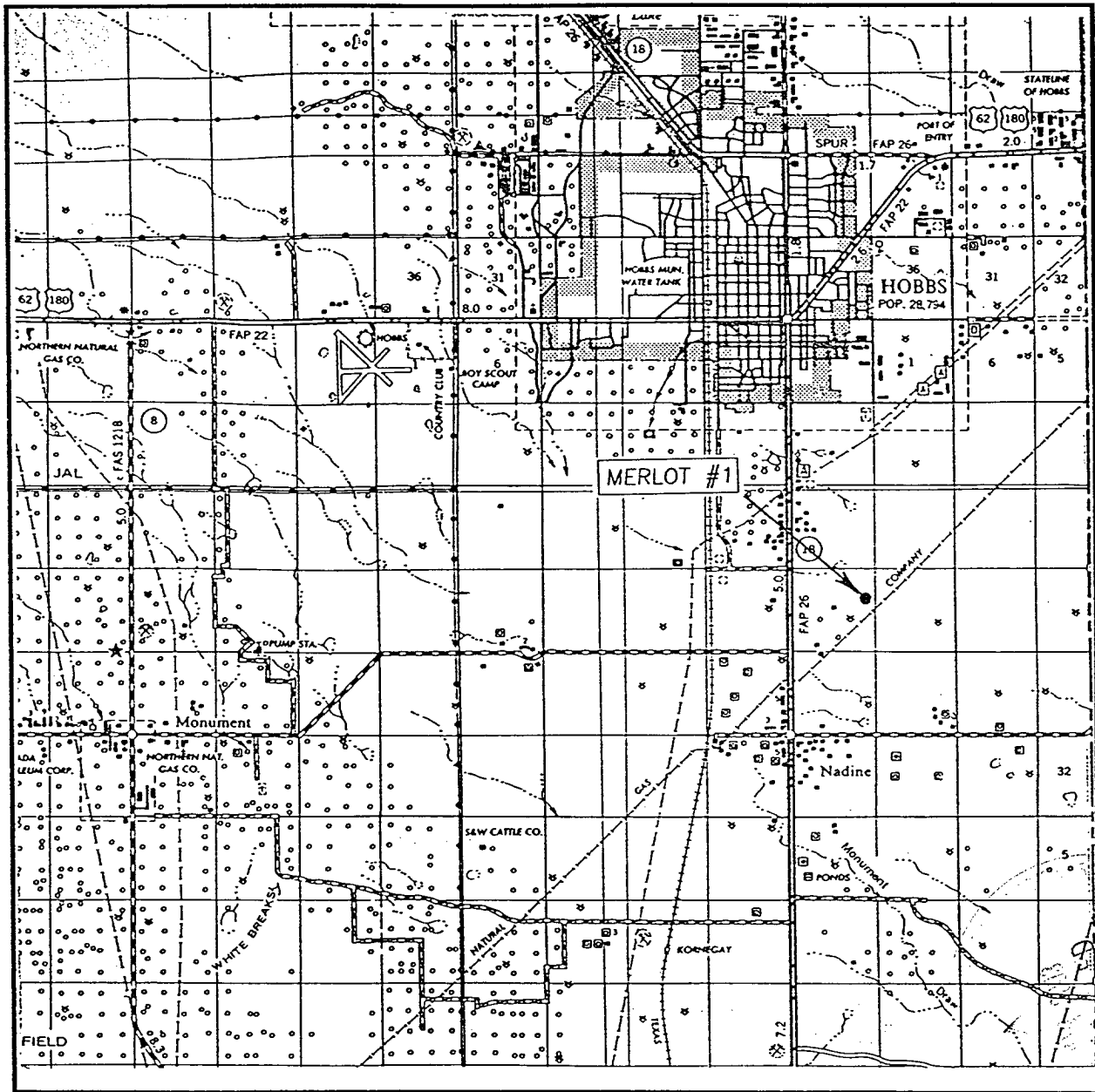
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VICINITY MAP



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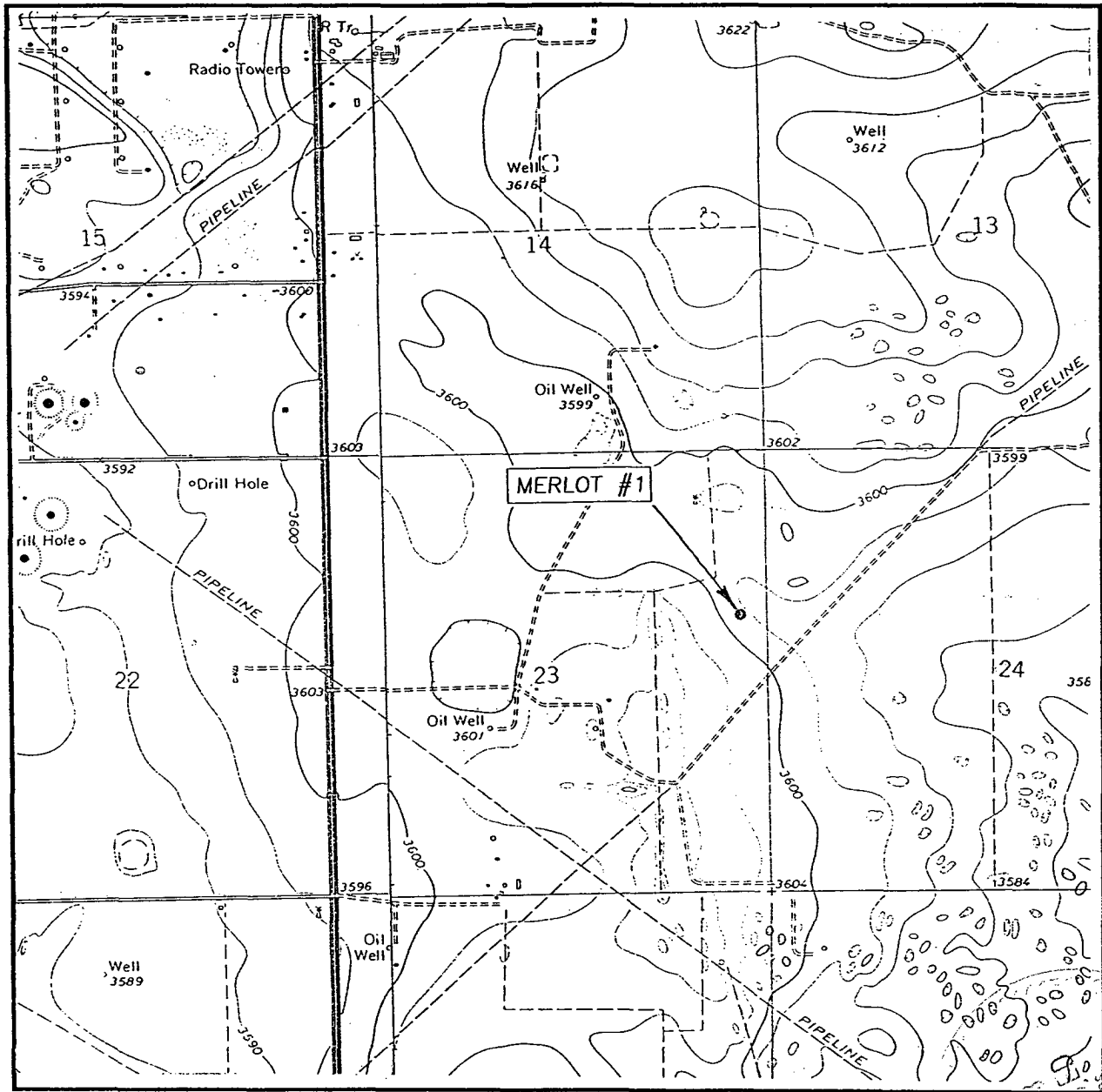
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