

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

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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 Property Code 27462	⁴ Property Name Herradura	⁵ API Number 30-025-36051
		⁶ Well No. #4

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
J	15	19-S	38-E		1928'	South	2161'	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				

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code P	¹⁵ Ground Level Elevation 3595'
¹⁶ Multiple No	¹⁷ Proposed Depth 8500'	¹⁸ Formation ABO	¹⁹ Contractor Key Drilling 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	8500'	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 + 200sx "C" + 2% calc; circulate cement to surface.
3. Drill 7 7/8" hole with brine water to 8500'. Run open hole logs.
4. Set 5 1/2" csg. Cement w/555 sx "C" 35:65 pos + 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: <i>Glenda Hunt</i> Printed name: Glenda Hunt Title: Senior Production Analyst Date: 11/6/02		OIL CONSERVATION DIVISION ORIGINAL SIGNED BY Approved by: PAUL F. KAUTZ Title: PETROLEUM ENGINEER Approval Date: NOV 14 2002 Expiration Date: Conditions of Approval: Attached ☐	
Phone: 915-683-3171			

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

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

State of New Mexico
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

OIL CONSERVATION DIVISION
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 30-025-36051	Pool Code 47395	Pool Name Nadine Blinebry
Property Code 27462	Property Name HERRADURA	Well Number 4
OGRID No. 025482	Operator Name XERIC OIL & GAS CORPORATION	Elevation 3595'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	15	19-S	38-E		1928'	SOUTH	2161'	EAST	LEA

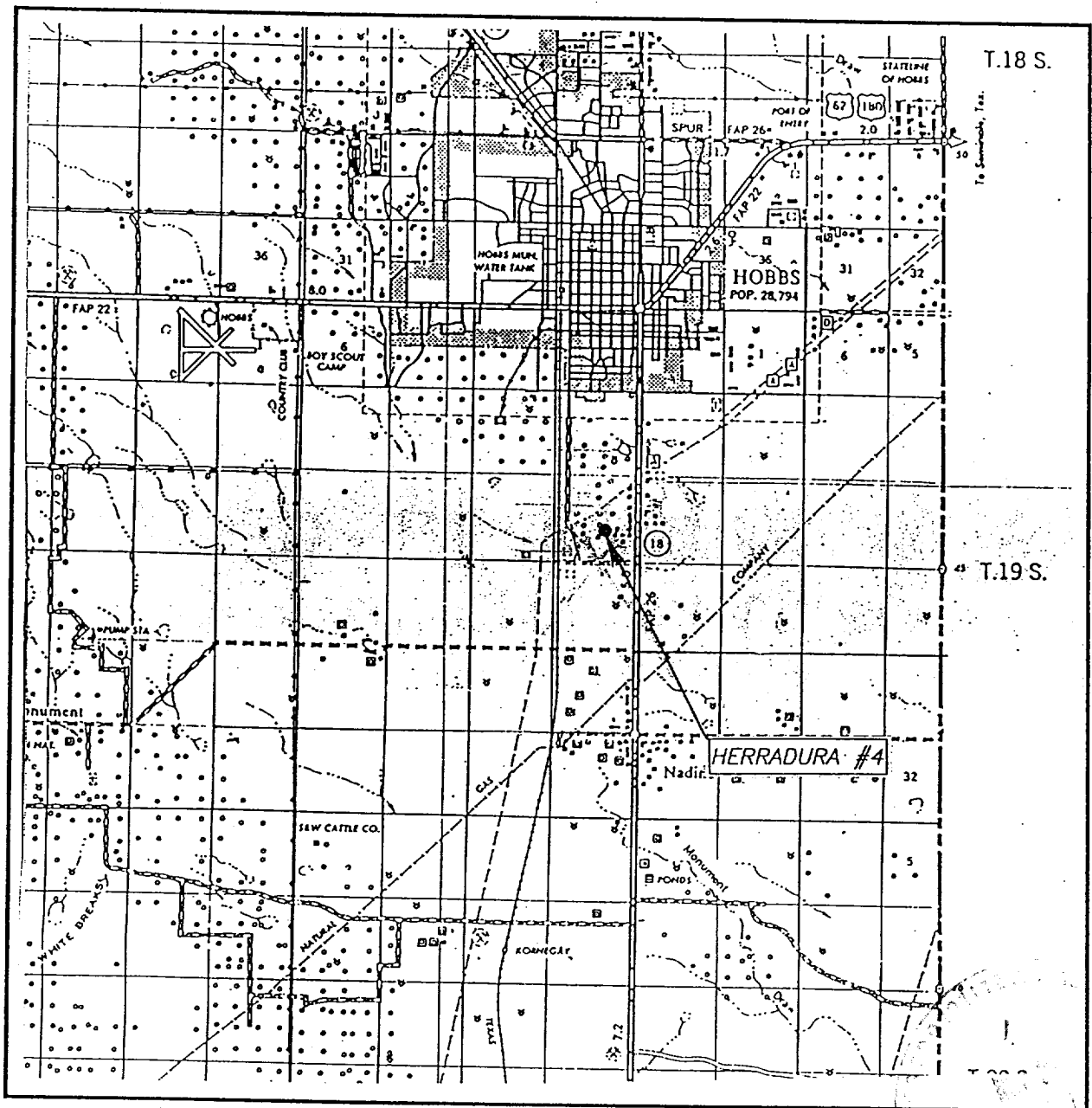
Bottom Hole Location If Different From Surface

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 No	Consolidation Code	Order 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

GEODETIC COORDINATES NAD 27 NME Y = 605298.4 X = 869020.0 LAT. = 32°39'30.02"N LONG. = 103°08'03.54"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> Signature Glenda Hunt Printed Name Senior Production Analyst Title 11/6/02 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> OCTOBER 30, 2002 Date Surveyed AWB Signature & Seal of Professional Surveyor
	Certificate No. RONALD J. EIDSON 3239 GARY EIDSON 12641

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 15 TWP. 19-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1928' FSL & 2161' FEL

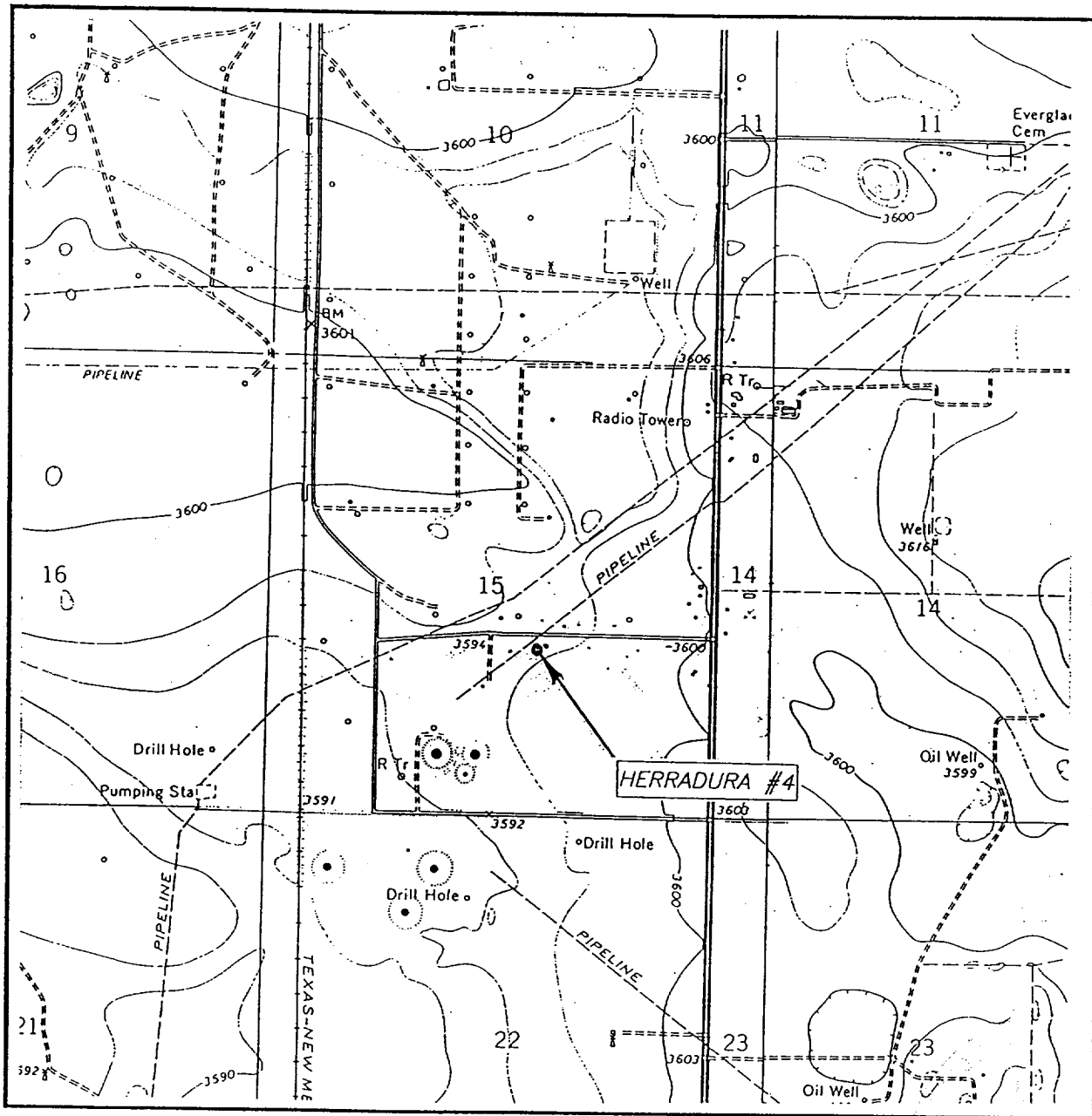
ELEVATION 3595'

OPERATOR XERIC OIL & GAS CORPORATION

LEASE HERRADURA

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 5'

HOBBS WEST, N.M.

SEC. 15 TWP. 19-S RGE. 38-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1928' FSL & 2161' FEL

ELEVATION 3595'

OPERATOR XERIC OIL & GAS CORPORATION

LEASE HERRADURA

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

JOHN WEST SURVEYING
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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-36051	Pool Code 47525	Pool Name Nadine Tubb
Property Code 27462	Property Name HERRADURA	Well Number 4
OGRID No. 025482	Operator Name XERIC OIL & GAS CORPORATION	Elevation 3595'

Surface Location

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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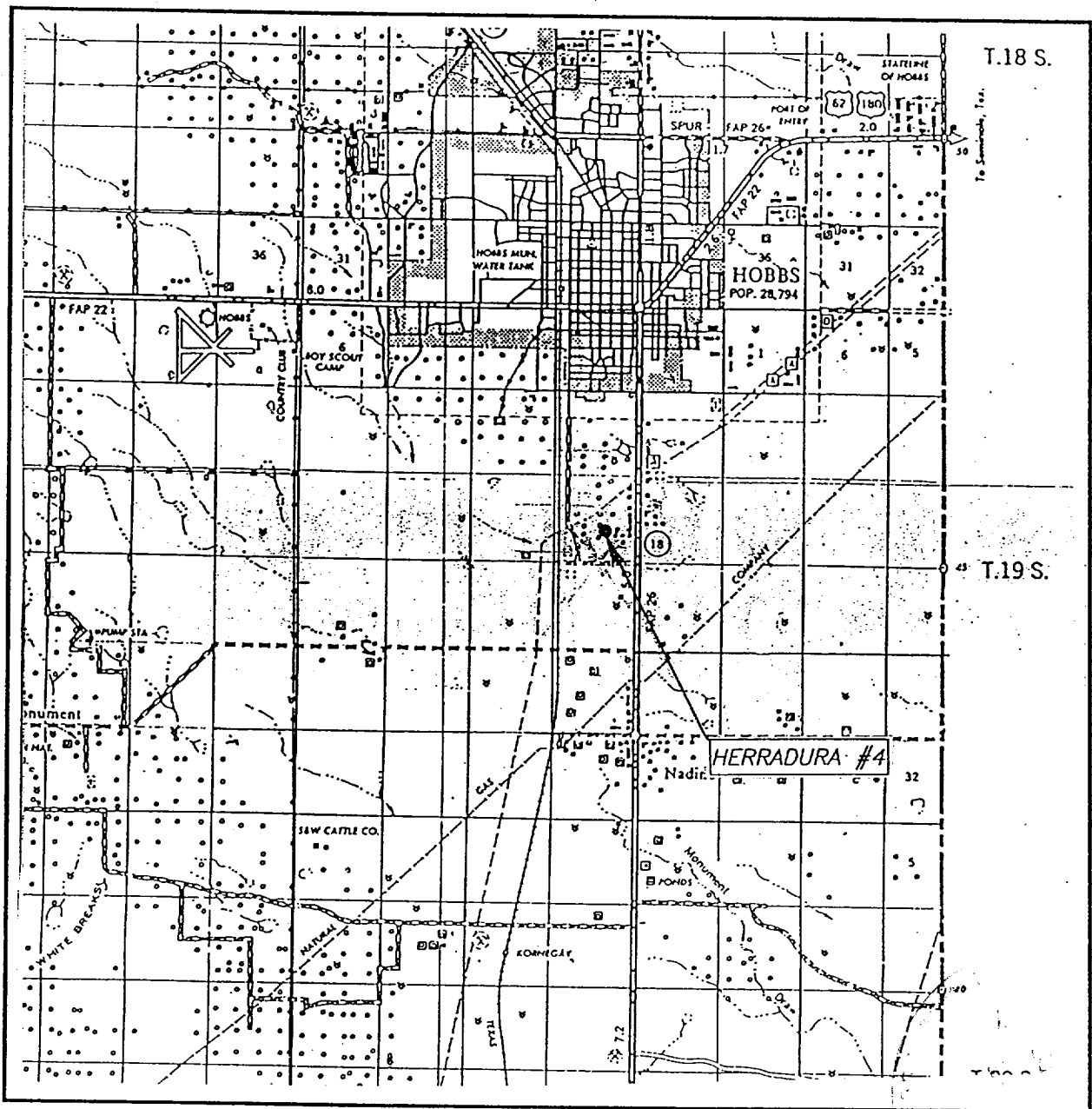
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COUNTY LEA

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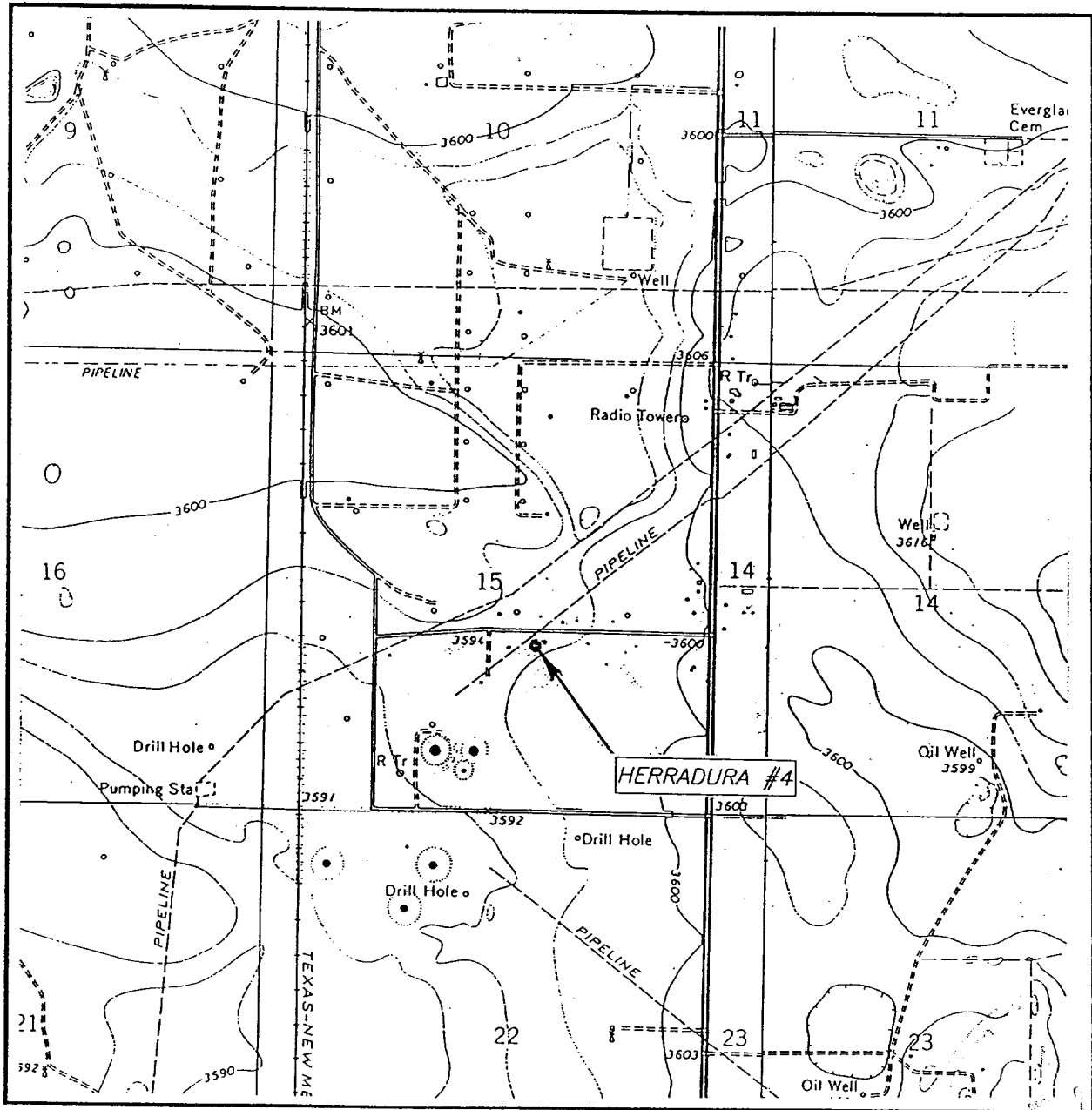
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Property Code 27462	Property Name HERRADURA	Well Number 4
OGRID No. 025482	Operator Name XERIC OIL & GAS CORPORATION	Elevation 3595'

Surface Location

UL or lot No. J	Section 15	Township 19-S	Range 38-E	Lot Idn	Feet from the 1928'	North/South line SOUTH	Feet from the 2161'	East/West line EAST	County LEA
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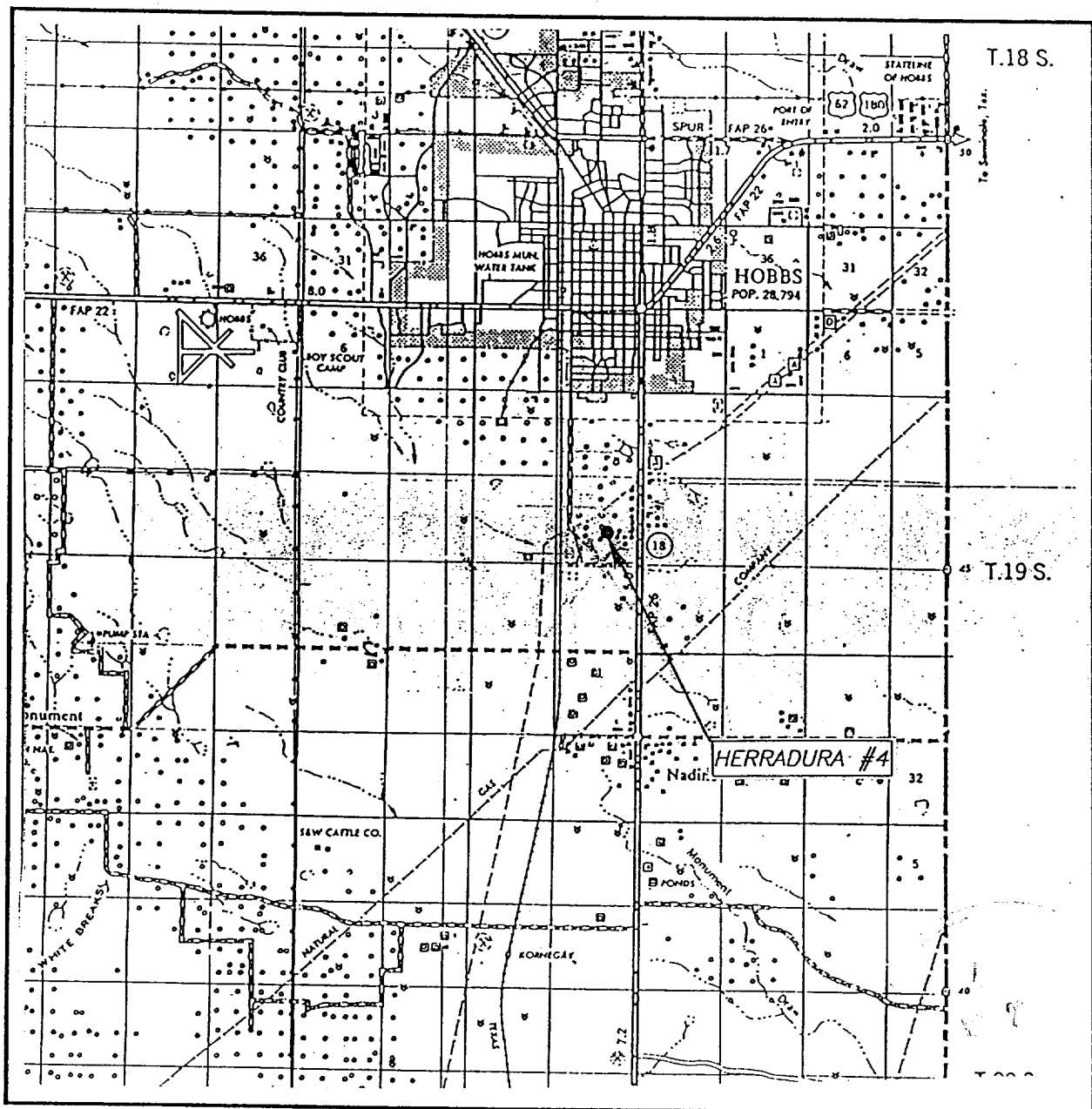
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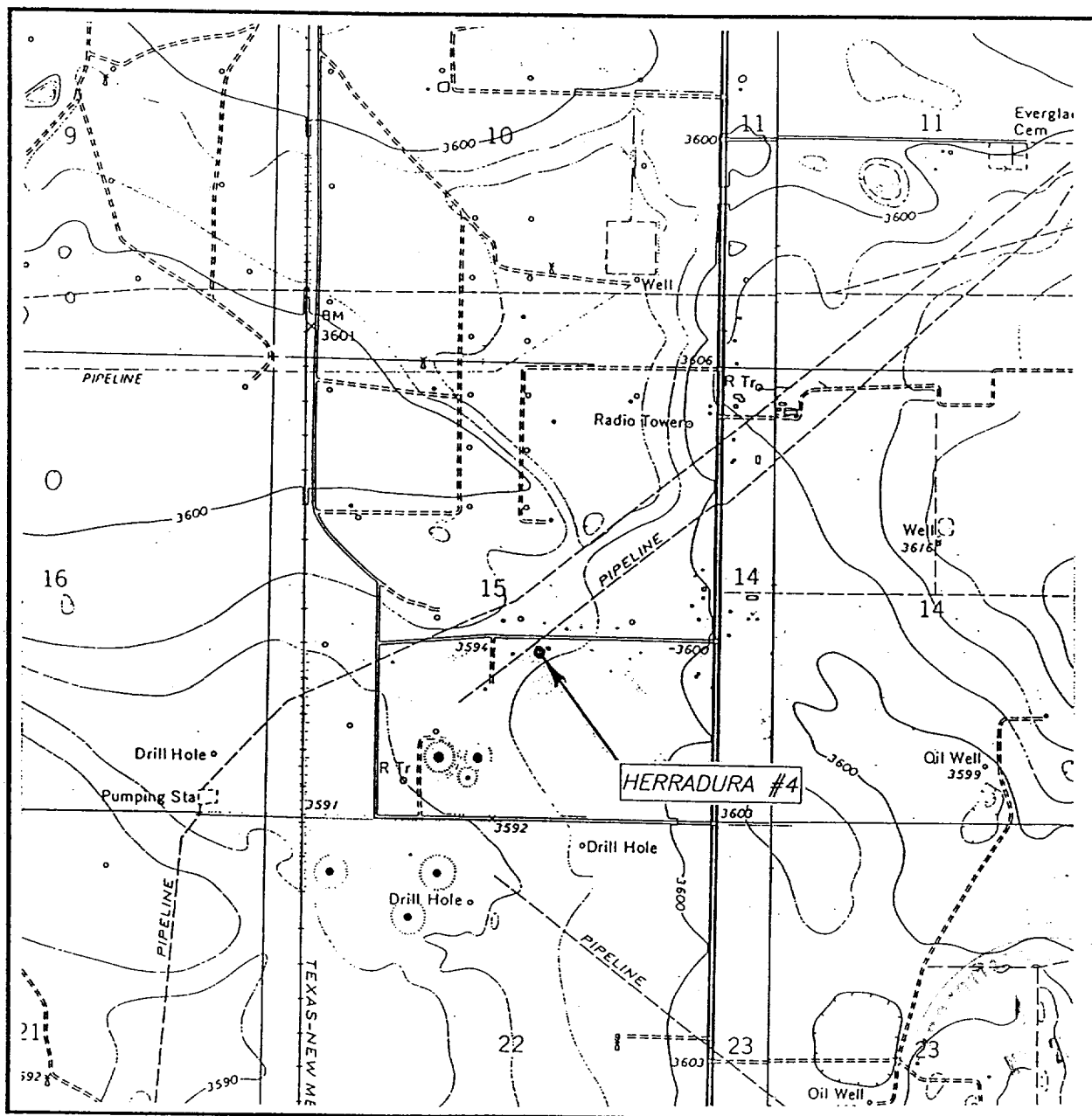
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