

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**

|                                                                                                          |                                     |                                         |
|----------------------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------|
| <sup>1</sup> Operator Name and Address<br>Xeric Oil & Gas Corporation<br>PO Box 352 Midland, Texas 79702 |                                     | <sup>2</sup> OGRID Number<br>025482     |
|                                                                                                          |                                     | <sup>3</sup> API Number<br>30-025-36226 |
| <sup>4</sup> Property Code<br>32050                                                                      | <sup>5</sup> Property Name<br>Howse | <sup>6</sup> Well No.<br>#1             |

**Surface Location**

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| L             | 17      | 20-S     | 39-E  |         | 1980'         | South            | 330'          | West           | Lea    |

**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 |
|-----------------------------------------------------------|---------|----------|-------|---------|---------------|-----------------------------------------------------------------|---------------|----------------|--------|
| <sup>9</sup> Proposed Pool 1<br>D-K; ABO/Blaine Oil & Gas |         |          |       |         |               | <sup>10</sup> Proposed Pool 2<br>Warren, Tubbs, E/ D-K Drinkard |               |                |        |

|                                   |                                       |                                 |                                            |                                               |
|-----------------------------------|---------------------------------------|---------------------------------|--------------------------------------------|-----------------------------------------------|
| <sup>11</sup> Work Type Code<br>N | <sup>12</sup> Well Type Code<br>O     | <sup>13</sup> Cable/Rotary<br>R | <sup>14</sup> Lease Type Code<br>P         | <sup>15</sup> Ground Level Elevation<br>3537' |
| <sup>16</sup> Multiple<br>NO      | <sup>17</sup> Proposed Depth<br>8500' | <sup>18</sup> Formation<br>ABO  | <sup>19</sup> Contractor<br>Key Energy Co. | <sup>20</sup> Spud Date<br>ASAP               |

**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  |

<sup>21</sup> 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, fresh water
2. Set 8 5/8" csg & cement w/650 sx "C" + 4% gel + 2% Cacl + 200 sx "C" + 2% Cacl; 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. @ 7900'. Cement w/555 sx "C" 35:65; po2 + 6% gel + 5% salt + .25% celloflake; tail w/345 sx "H". TOC @2800' to sufficiently cover Yates formation.

<sup>22</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief.

Signature:

*Glenda Y Hunt*

Printed name: Glenda Hunt

Title:

Sr. Production Analyst

Date:

3/13/04

Phone:

915-683-3171

**OIL CONSERVATION DIVISION**

Approved by:

Title:

PETROLEUM ENGINEER

Approval Date:

MAR 17 2003

Expiration Date:

Conditions of Approval:

Attached ☐

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway,

## State of New Mexico

## 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

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

## DISTRICT III

1000 Rio Brazos Ed., 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<br>30-025-36226 | Pool Code<br>15200                           | Pool Name<br>D-K; ABO |
| Property Code<br>32050     | Property Name<br>HOWSE                       | Well Number<br>1      |
| OGRID No.<br>025482        | Operator Name<br>XERIC OIL & GAS CORPORATION | Elevation<br>3537'    |

## Surface Location

|                    |               |                  |               |         |                        |                           |                      |                        |               |
|--------------------|---------------|------------------|---------------|---------|------------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot No.<br>L | Section<br>17 | Township<br>20-S | Range<br>39-E | Lot Idn | Feet from the<br>1980' | North/South line<br>SOUTH | Feet from the<br>330 | East/West line<br>WEST | County<br>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<br>40 | Joint or Infill<br>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

|  |       |                                                                                                                                     |                                                                                                                                                                                                                                                                                                           |
|--|-------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | LOT 1 | <p>GEODETIC COORDINATE<br/>SPC NME<br/>NAD 1927<br/>Y= 573791.3<br/>X= 887699.8<br/>LAT. 32°34'16.16"N<br/>LONG. 103°04'29.45"W</p> | <p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Glenda Hunt</u><br/>Signature</p> <p>Glenda Hunt<br/>Printed Name</p> <p>Sr. Production Analyst<br/>Title</p> <p>3/3/03<br/>Date</p> |
|  | LOT 2 |                                                                                                                                     |                                                                                                                                                                                                                                                                                                           |
|  | LOT 3 |                                                                                                                                     |                                                                                                                                                                                                                                                                                                           |
|  | LOT 4 |                                                                                                                                     |                                                                                                                                                                                                                                                                                                           |

## 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 18, 2003

Date Surveyed  
Signature & Seal of Professional Surveyor

AWB

Certificate No. RONALD J. EIDSON 3239  
GARY EIDSON 12641

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

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

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

Form C-102  
Revised February 10, 1984  
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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

|                            |                                              |                                 |
|----------------------------|----------------------------------------------|---------------------------------|
| API Number<br>30-025-36226 | Pool Code<br>0666                            | Pool Name<br>Blinebry Oil & Gas |
| Property Code<br>32050     | Property Name<br>HOWSE                       | Well Number<br>1                |
| OGRID No.<br>025482        | Operator Name<br>XERIC OIL & GAS CORPORATION | Elevation<br>3537'              |

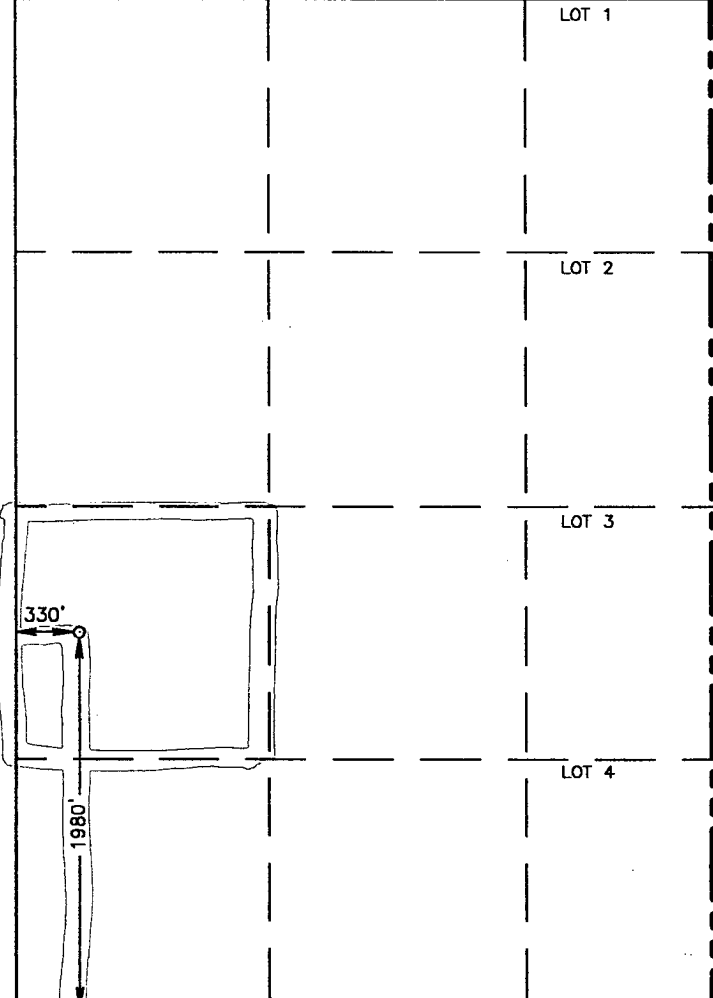
Surface Location

|                    |               |                  |               |         |                        |                           |                      |                        |               |
|--------------------|---------------|------------------|---------------|---------|------------------------|---------------------------|----------------------|------------------------|---------------|
| UL or lot No.<br>L | Section<br>17 | Township<br>20-S | Range<br>39-E | Lot Idn | Feet from the<br>1980' | North/South line<br>SOUTH | Feet from the<br>330 | East/West line<br>WEST | County<br>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<br>40 | Joint or Infill<br>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

|                                                                                   |       |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | LOT 1 | <p>GEODETIC COORDINATE<br/>SPC NME<br/>NAD 1927<br/>Y= 573791.3<br/>X= 887699.8<br/>LAT. 32°34'16.16"N<br/>LONG. 103°04'29.45"W</p> <p>MAR 2003<br/>RECEIVED<br/>Hobbs<br/>OCD</p> | <p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Glenda Hunt</u><br/>Signature<br/>Glenda Hunt<br/>Printed Name<br/>Sr. Production Analyst<br/>Title<br/>3/3/03<br/>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, 2003</p> <p>Date Surveyed<br/>Signature &amp; Seal of Professional Surveyor<br/>AWB<br/>03.11.0191<br/>Certificate No. RONALD A. EIDSON 3239<br/>GARY EIDSON 12641</p> |
|                                                                                   | LOT 2 |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                   | LOT 3 |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                   | LOT 4 |                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

## DISTRICT I

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## OIL CONSERVATION DIVISION

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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<br>30-025-36226 | Pool Code<br>87085                           | Pool Name<br>Warren; Tubb, E. |
| Property Code<br>32050     | Property Name<br>HOWSE                       | Well Number<br>1              |
| OGRID No.<br>025482        | Operator Name<br>XERIC OIL & GAS CORPORATION | Elevation<br>3537'            |

## Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| L             | 17      | 20-S     | 39-E  |         | 1980'         | SOUTH            | 330           | WEST           | 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 | Joint or Infill | Consolidation Code | Order No. |
|-----------------|-----------------|--------------------|-----------|
| 40              | NO              |                    |           |

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|  |       |                                                                                                                                     |                                                                                                                                                                                                                                                                                                  |
|--|-------|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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|  | LOT 2 |                                                                                                                                     | <p><b>SURVEYOR CERTIFICATION</b></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, 2003</p>               |
|  | LOT 3 |                                                                                                                                     | <p>Date Surveyed _____ AWB</p> <p>Signature &amp; Seal of Professional Surveyor<br/><i>Ronald J. Eidson</i> 2/20/03<br/>03.11.0191</p>                                                                                                                                                           |
|  | LOT 4 |                                                                                                                                     | <p>Certificate No. RONALD J. EIDSON 3239<br/>GARY EIDSON 12641</p>                                                                                                                                                                                                                               |

## State of New Mexico

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

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

|                            |                                              |                           |
|----------------------------|----------------------------------------------|---------------------------|
| API Number<br>30-025-36226 | Pool Code<br>15390                           | Pool Name<br>D-K Drinkard |
| Property Code<br>32050     | Property Name<br>HOWSE                       | Well Number<br>1          |
| OGRID No.<br>025482        | Operator Name<br>XERIC OIL & GAS CORPORATION | Elevation<br>3537'        |

## Surface Location

| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| L             | 17      | 20-S     | 39-E  |         | 1980'         | SOUTH            | 330           | WEST           | LEA    |

## Bottom Hole Location If Different From Surface

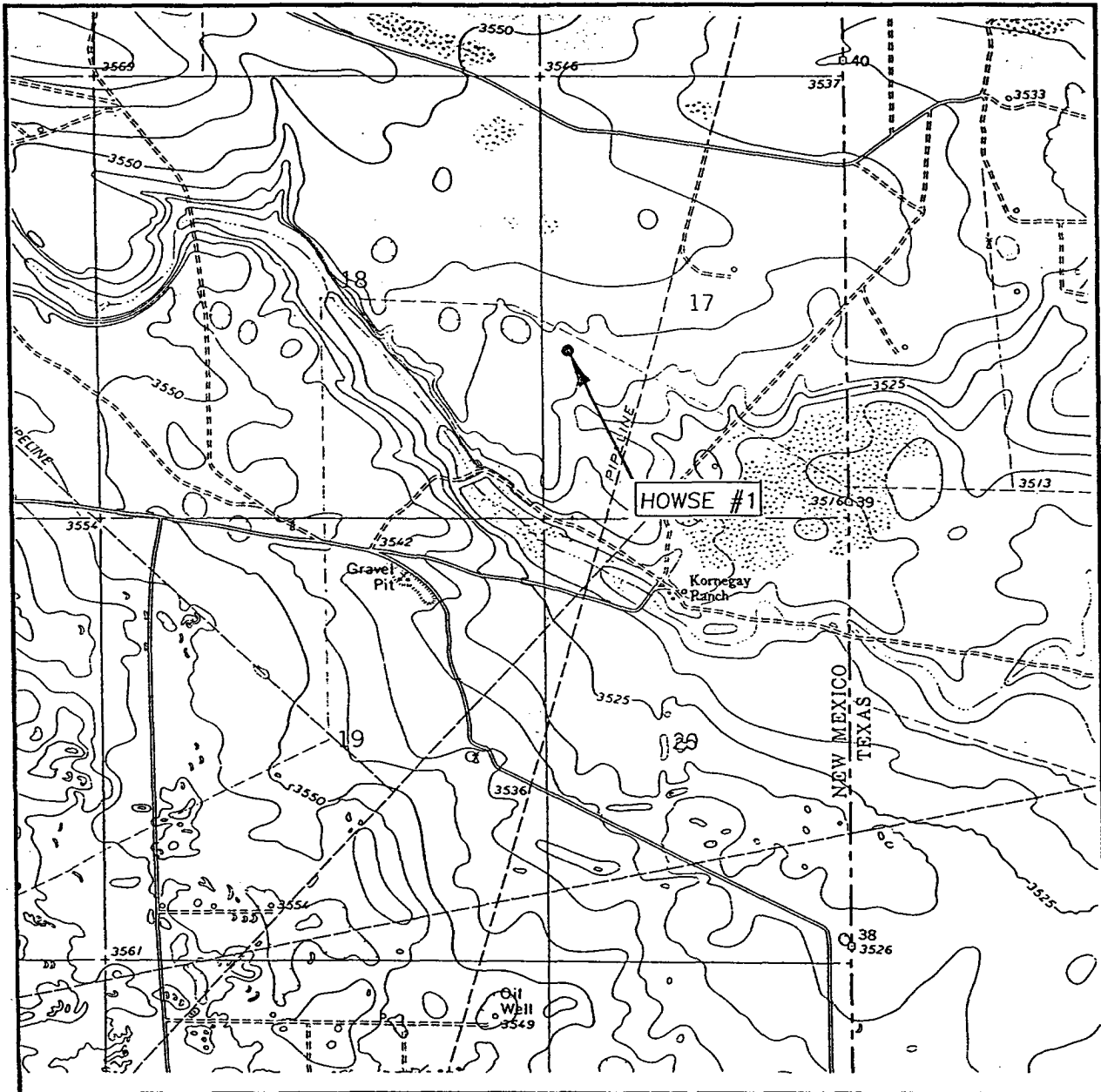
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
|               |         |     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

|                       |                       |                    |           |
|-----------------------|-----------------------|--------------------|-----------|
| Dedicated Acres<br>40 | Joint or Infill<br>No | Consolidation Code | Order No. |
|-----------------------|-----------------------|--------------------|-----------|

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OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

|  |       |                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                              |
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|  | LOT 2 |                                                                                                                                     | <p><b>SURVEYOR CERTIFICATION</b></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, 2003</p> <p>Date Surveyed<br/>Signature &amp; Seal of Professional Surveyor<br/>AWB<br/>2/20/03<br/>03.11.0191</p> |
|  | LOT 3 |                                                                                                                                     | <p>Certificate No. RONALD J. EIDSON 3239<br/>GARY EIDSON 12641</p>                                                                                                                                                                                                                                                                                                                           |
|  | LOT 4 |                                                                                                                                     | <p>MAR 2003<br/>RECEIVED<br/>Hobbs<br/>OCD</p>                                                                                                                                                                                                                                                                                                                                               |

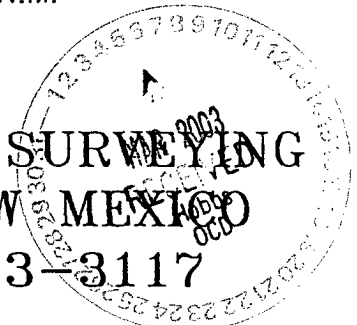
INDITH



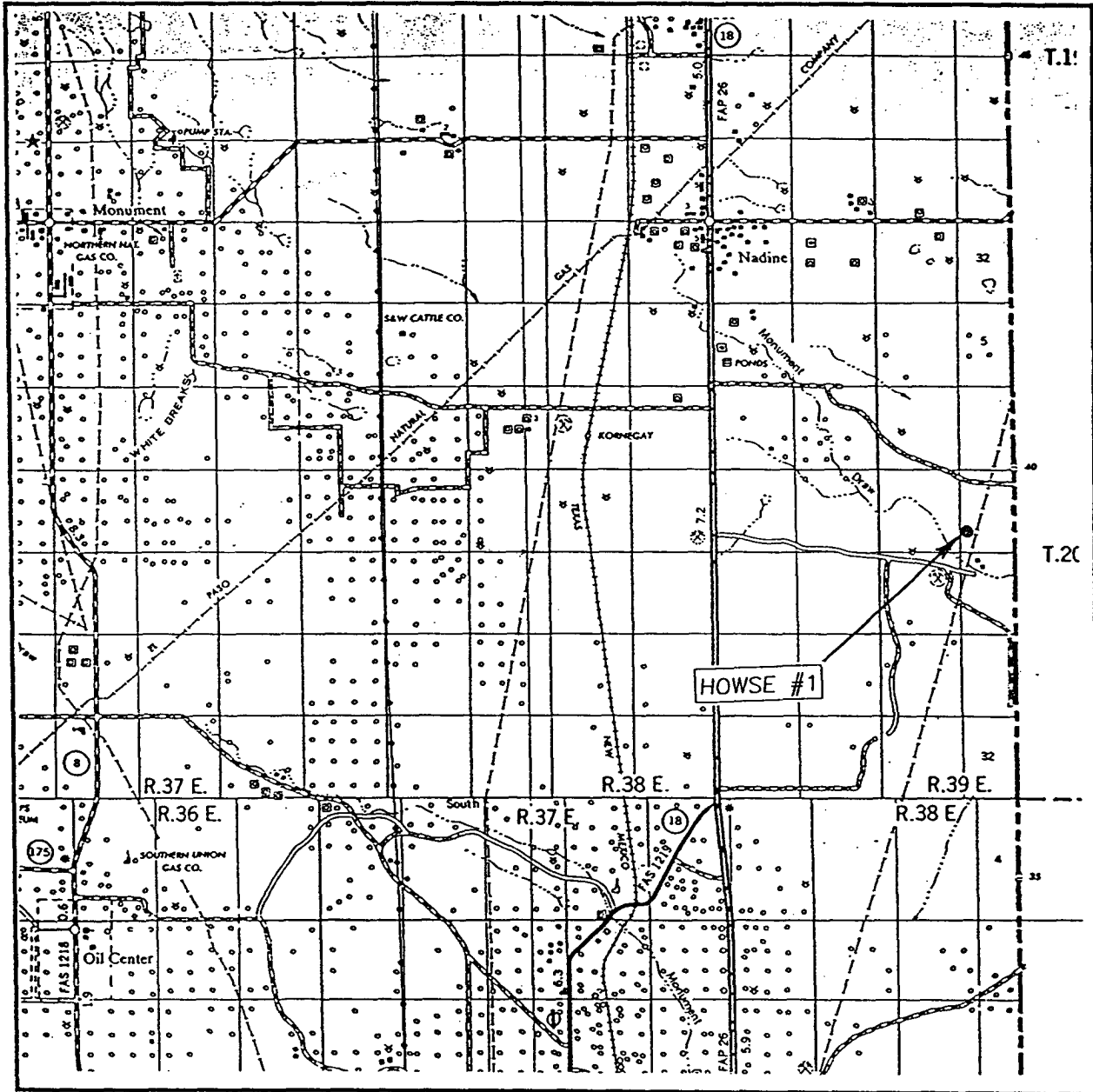
CONTOUR INTERVAL: 5'  
HOBBS SE, N.M.

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

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



# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 17 TWP. 20-S RGE. 39-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980 FSL & 330' FWL

ELEVATION 3537'

OPERATOR XERIC OIL & GAS CORPORATION

LEASE HOWSE

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

