

District I

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

District II

811 South First, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

2040 South Pacheco, Santa Fe, NM 87505

## State of New Mexico

Energy, Minerals &amp; Natural Resources Department

## OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

Form C-101

Revised October 18, 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<br>Apache Corporation<br>2000 Post Oak Blvd. Ste. 100<br>Houston, Texas 77056-4400 |  | 2 OGRID Number<br>873        |
| 4 Property Code<br>22503                                                                                       |  | 3 API Number<br>30-025-34599 |
| 5 Property Name<br>Northeast Drinkard Unit                                                                     |  | 6 Well No.<br>521            |

## 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             | 10      | 21-S     | 37-E  |         | 1366          | South            | 2593          | 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<br>Eunice; Blinebry-Tubb-Drinkard, North |         |          |       |         | 10 Proposed Pool 2 |                  |               |                |        |

|                        |                                      |                                   |                         |                                      |
|------------------------|--------------------------------------|-----------------------------------|-------------------------|--------------------------------------|
| 11 Work Type Code<br>N | 12 Well Type Code<br>O               | 13 Cable/Rotary<br>R              | 14 Lease Type Code<br>P | 15 Ground Level Elevation<br>3442 KB |
| 16 Multiple            | 17 Proposed Depth<br>3950' 6900' Etc | 18 formation<br>Blinebry/Drinkard | 19 Contractor           | 20 Spud Date<br>ASAP                 |

## 21 Proposed Casing and Cement Program

| Hole Size | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement               | Estimated TOC     |
|-----------|-------------|--------------------|---------------|-------------------------------|-------------------|
| 11"       | 8 5/8"      | 24# K55 STC        | 1365'         | 480 sxs PBCZ                  | Circulate to Surf |
| 7 7/8"    | 5 1/2"      | 17# K55 LTC        | 4500'         | 870 sxs Hal.<br>Interfill "C" | Circulate to Surf |
|           |             |                    |               | +455 sxs 50/50                |                   |
|           |             |                    |               | Pozmix                        |                   |

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 11" hole to 1365', run &amp; set 1365' of 8 5/8" and cement, circulate to surface

Drill 7 7/8" hole to 6900', run &amp; set 6900' of 5 1/2" and cement, circulate to surface.

Blow Out Prevention: See attached copy

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: Carolyn Huntton

Printed Name: Carolyn Huntton

Title: Engineering Technician

Date: 04/1/99

Phone: 713-296-8240

## OIL CONSERVATION DIVISION

Approved by: CAROL ANN BRYAN WILLIAMS

Title: DISTRICT SUPERVISOR

Approval Date:

Expiration Date:

Conditions on Approval:

ELF 5/10/99  
ABOVE DATE DOES NOT  
INDICATE WHEN  
CONFIDENTIAL LOGS  
WILL BE RELEASED

|

District I  
P.O. Box 1980, Hobbs, NM 88241-1980  
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State of New Mexico  
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-101  
Revised October 18, 1994  
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|----------------------------------------------------------------------------------------------------------------|--------------------------------------------|------------------------------|
| 1 Operator Name and Address<br>Apache Corporation<br>2000 Post Oak Blvd. Ste. 100<br>Houston, Texas 77056-4400 |                                            | 2 OGRID Number<br>873        |
| 4 Property Code<br>22503                                                                                       | 5 Property Name<br>Northeast Drinkard Unit | 3 API Number<br>30-025-34599 |
|                                                                                                                |                                            | 6 Well No.<br>521            |

| 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                  | 10      | 21-S     | 37-E  |         | 1366          | South            | 2593          | 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 |
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|                        |                                      |                                  |                         |                                      |
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| Hole Size                             | Casing Size | Casing weight/foot | Setting Depth | Sacks of Cement            | Estimated TOC     |
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Blow Out Prevention: See attached copy

Permit Expires 1 Year From Approval  
Data 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: Carolyn Huntoon  
Printed Name: Carolyn Huntoon  
Title: Engineering Technician  
Date: 04/1/99

Phone: 713-298-8240

OIL CONSERVATION DIVISION

Approved by: [Signature] SUPERVISOR  
Title:  
Approval Date:  
Expiration Date:  
Conditions on Approval:

DISTRICT I  
P.O. Box 1000, Hobbs, NM 88241-1000

DISTRICT II  
P.O. Boxer 20, Artesia, NM 88211-0719

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

DISTRICT IV  
P.O. Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised February 10, 1994  
Submit to Appropriate District Office  
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OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                             |                                     |                                                    |
|-----------------------------|-------------------------------------|----------------------------------------------------|
| API Number<br>30-025- 34599 | Pool Code<br>22900                  | Pool Name<br>Eunice; Blinebry-Tubb-Drinkard, North |
| Property Code<br>22503      | Property Name<br>NEDU               | Well Number<br>521                                 |
| OGRID No.<br>873            | Operator Name<br>APACHE CORPORATION | Elevation<br>3442                                  |

Surface Location

|                    |               |                  |               |         |                       |                           |                       |                        |               |
|--------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot No.<br>J | Section<br>10 | Township<br>21 S | Range<br>37 E | Lot Idn | Feet from the<br>1366 | North/South line<br>SOUTH | Feet from the<br>2593 | East/West line<br>EAST | 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>20.40 | Joint or Infill | 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

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>OPERATOR CERTIFICATION</b><br><br>I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.<br><br><u>Carolyn Huntoon</u><br>Signature<br>Carolyn Huntoon<br>Printed Name<br>Engineering Technician<br>Title<br>4-1-99<br>Date                                                                                                                                                                      |
|  | <b>SURVEYOR CERTIFICATION</b><br><br>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.<br><br>MARGARET J. EIDSON<br>Date Surveyed<br>Signature of Professional Surveyor<br>Professional Surveyor<br>3239<br>W.O. 1-99<br>Certificate No. 12041<br>GARY G. EIDSON, 12041<br>MACON McDONALD, 12185 |

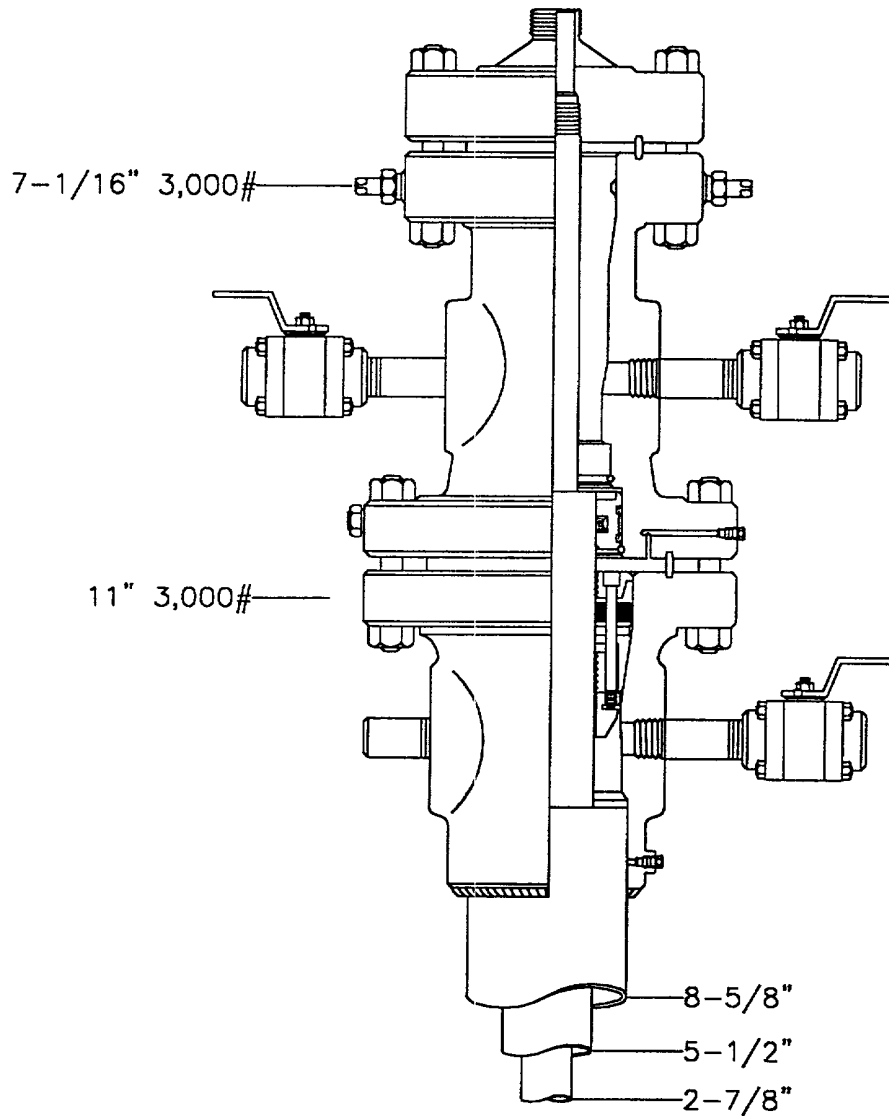
# Apache Corporation

WESTERN REGION

NEDU

Eunice; Blinbry-Tubb-Drinkard, North  
LEA COUNTY, NEW MEXICO

|                         |                        |                |
|-------------------------|------------------------|----------------|
| SCALE:                  | DRAWN BY: Cecelia Glad | DATE: 4/22/88  |
| FILE NUMBER: 100-100000 | CHECKED BY:            | LAST REVISION: |

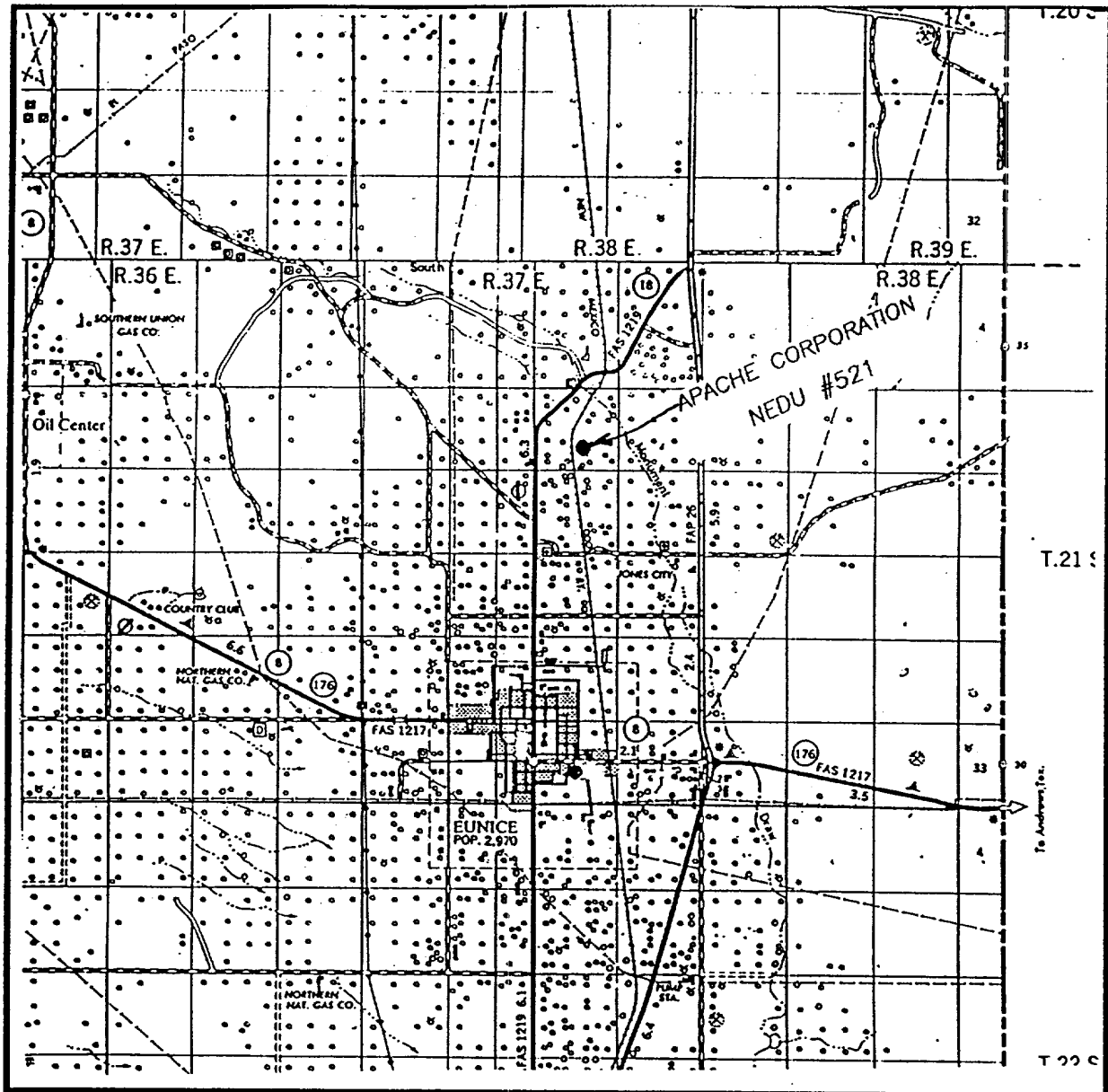


ABOVE DATE DOES NOT  
INDICATE WHEN  
CONFIDENTIAL LOGS  
WILL BE RELEASED

ELF

6/16/99

# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 10 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1366' FSL & 2593' FEL

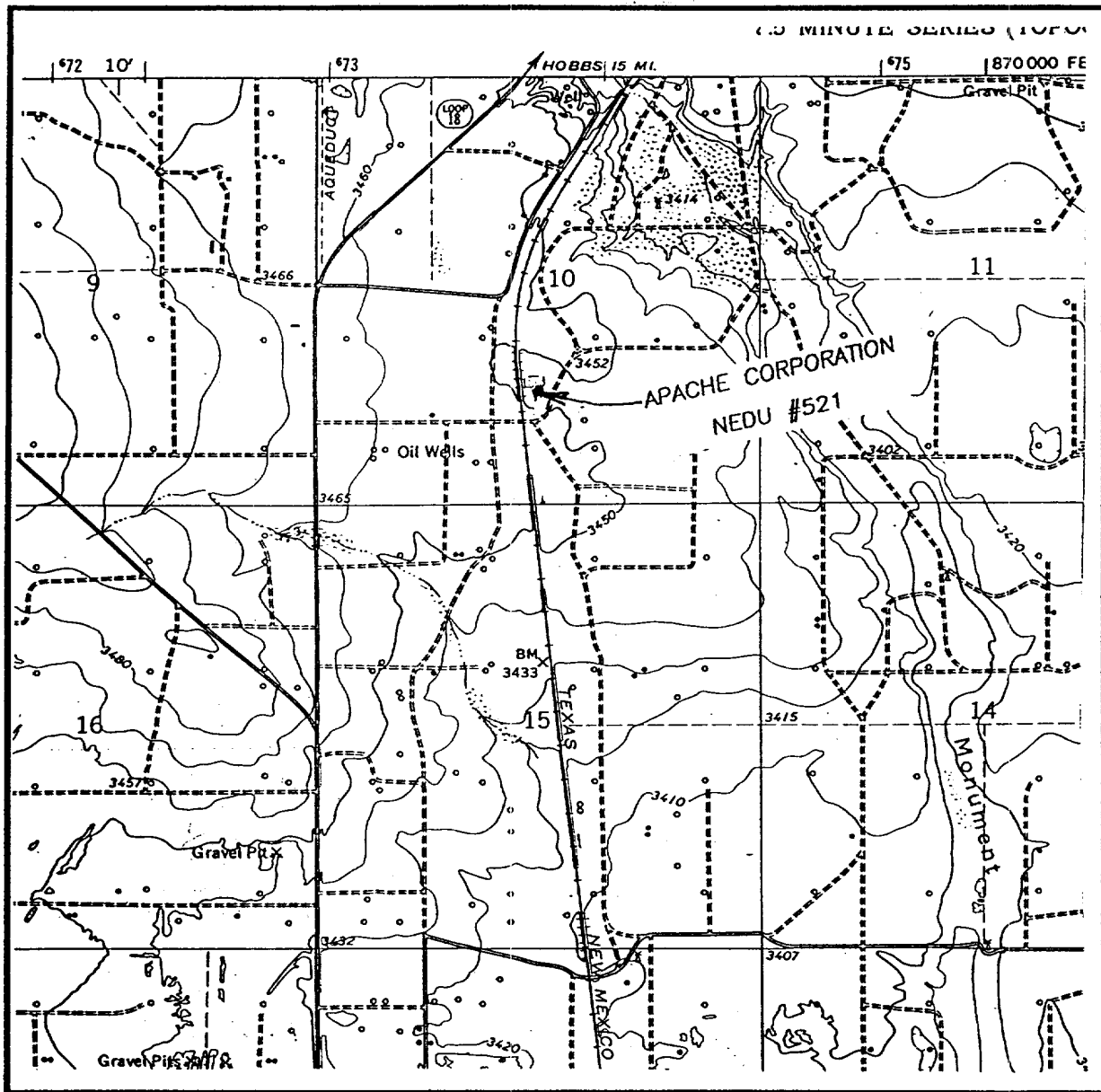
ELEVATION 3442'

OPERATOR APACHE CORPORATION

LEASE NEDU

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

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 10'

SEC. 10 TWP. 21-S RGE. 37-E

SURVEY \_\_\_\_\_ N.M.P.M.

COUNTY \_\_\_\_\_ LEA \_\_\_\_\_

DESCRIPTION 1366' FSL & 2593' FEL

ELEVATION 3442'

OPERATOR APACHE CORPORATION

LEASE \_\_\_\_\_ NEDU \_\_\_\_\_

U.S.G.S. TOPOGRAPHIC MAP

EUNICE, N.M.

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

(505) 393-3117



ELF  
\_\_\_\_\_  
5/11/99  
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