

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 & 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>30-025-34596 |
| 5 Property Name<br>Northeast Drinkard Unit                                                                     |  | 6 Well No.<br>831            |

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 |
| G             | 22      | 21-S     | 37-E  |         | 2500          | North            | 1387          | 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; Blinbry-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>3408 KB |
| 16 Multiple            | 17 Proposed Depth<br>3950' 6900' E20 | 18 formation<br>Blinbry/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"<br>+455 sxs 50/50<br>Pozmix | Circulate to Surf |

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 & set 1365' of 8 5/8" and cement, circulate to surface

Drill 7 7/8" hole to 6900', run & 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 Unsuccessful

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: 713-298-6240

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Expiration Date:

Conditions on Approval:

DISTRICT I  
P.O. Box 1880, Hobbs, NM 88241-1880

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. Box 1880, Hobbs, NM 88241-1880

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

OIL CONSERVATION DIVISION

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                             |                                     |                                                   |
|-----------------------------|-------------------------------------|---------------------------------------------------|
| API Number<br>30-025- 34596 | Pool Code<br>22900                  | Pool Name<br>Eunice; Blinbry-Tubb-Drinkard, North |
| Property Code<br>22503      | Property Name<br>NEDU               | Well Number<br>831                                |
| OGRID No.<br>873            | Operator Name<br>APACHE CORPORATION | Elevation<br>3408                                 |

Surface Location

|                    |               |                  |               |         |                       |                           |                       |                        |               |
|--------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot No.<br>G | Section<br>22 | Township<br>21 S | Range<br>37 E | Lot Idn | Feet from the<br>2500 | North/South line<br>NORTH | Feet from the<br>1387 | East/West line<br>EAST | County<br>LEA |
|--------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|

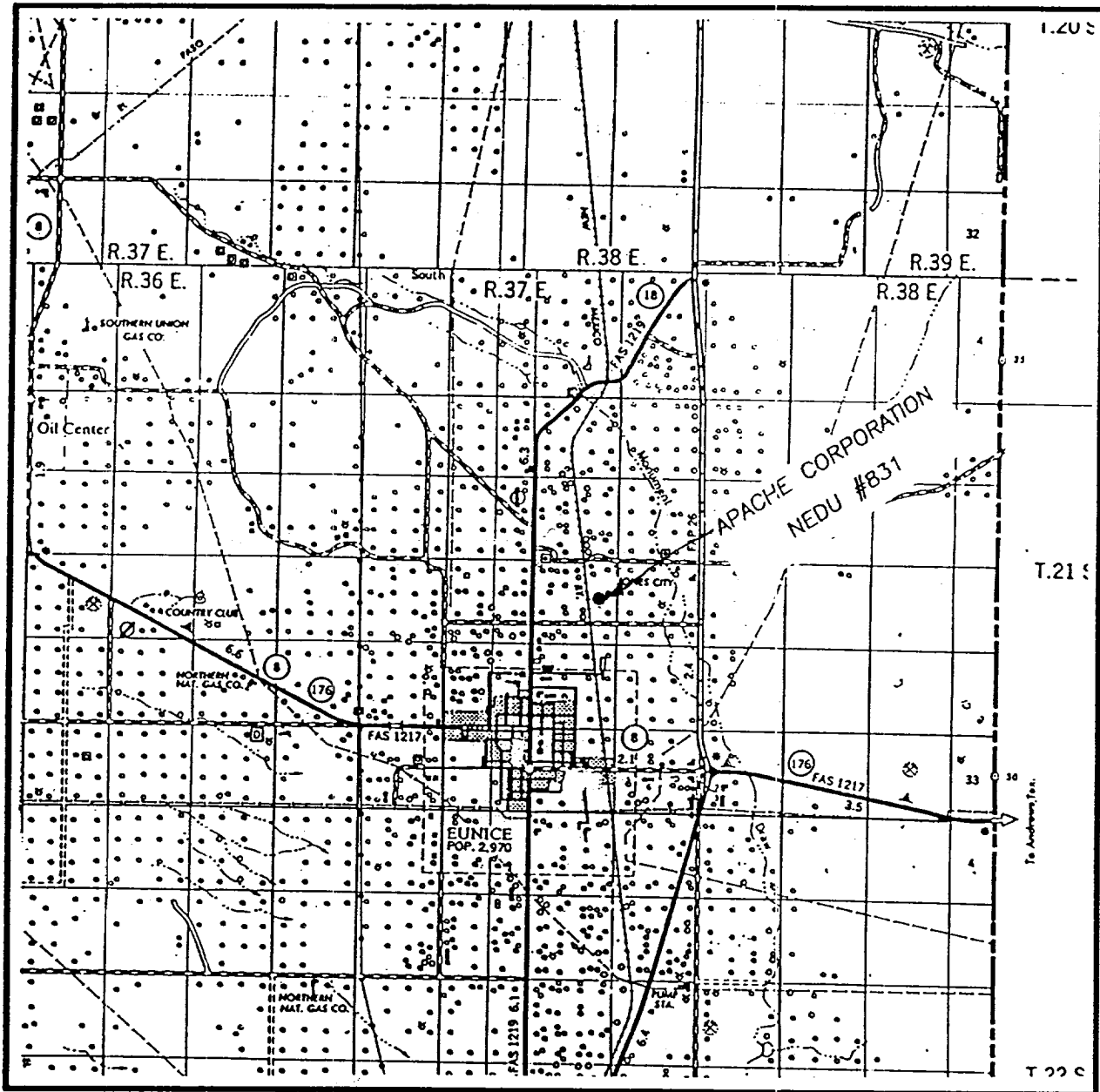
Bottom Hole Location If Different From Surface

|                         |                 |                    |           |         |               |                  |               |                |        |
|-------------------------|-----------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| 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>2840 | 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

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <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>Carolyn Huntton</u><br/>Signature</p> <p><u>Carolyn Huntton</u><br/>Printed Name</p> <p><u>Engineering Tech.</u><br/>Title</p> <p><u>4-1-99</u><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><u>RONALD J. EIDSON</u><br/>Signature &amp; Seal of Professional Surveyor</p> <p><u>23-31-99</u><br/>Date Surveyed</p> <p><u>W.O. PROFESSIONAL</u><br/>Certificate No.</p> <p>RONALD J. EIDSON, 3239<br/>GARY G. EIDSON, 12641<br/>MACON McDONALD, 12165</p> |

# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 22 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2500' FNL & 1387' FEL

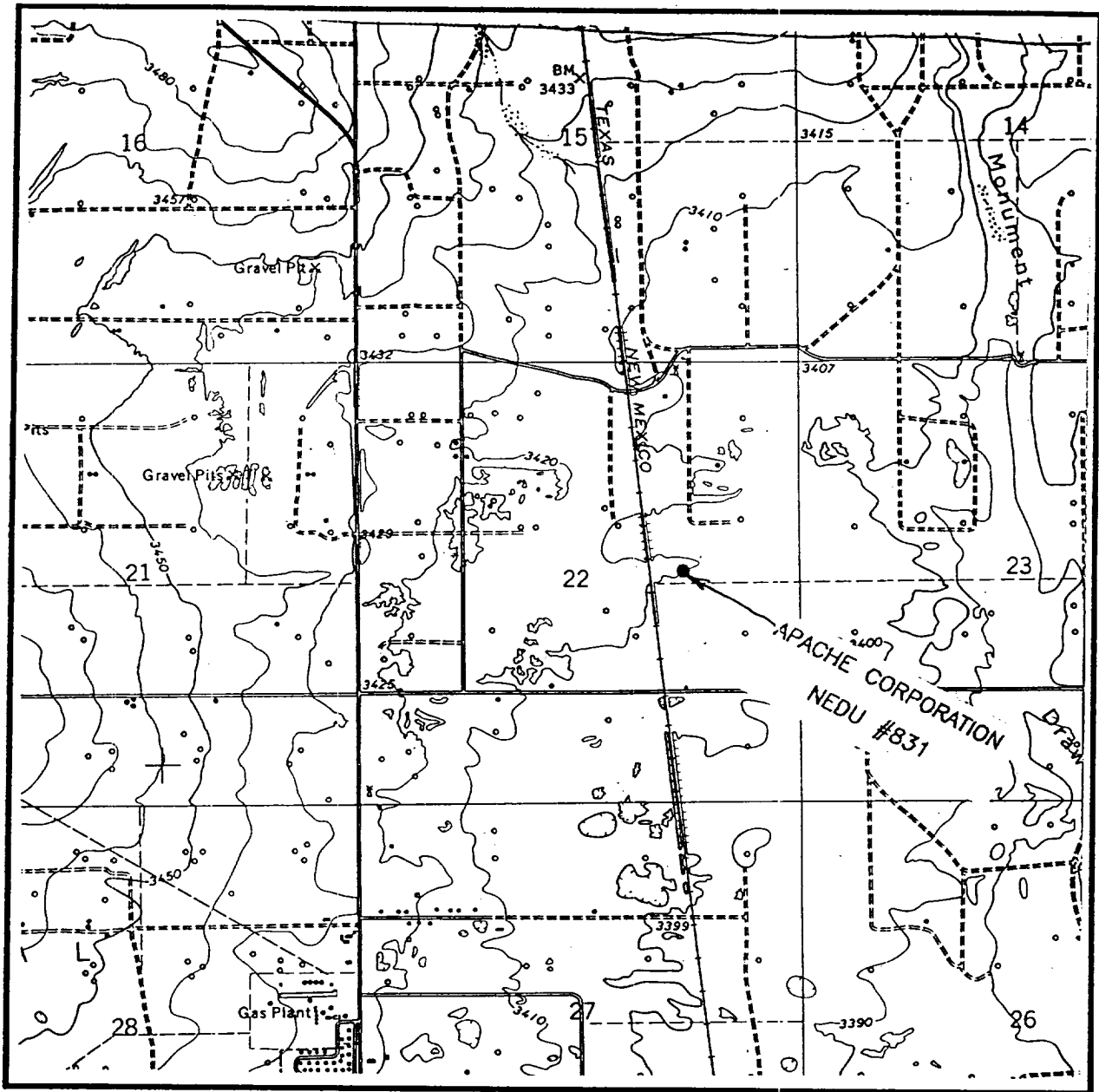
ELEVATION 3408'

OPERATOR APACHE CORPORATION

LEASE NEDU

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

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL - 10'

SEC. 22 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 2500' FNL & 1387' FEL

ELEVATION 3408'

OPERATOR APACHE CORPORATION

LEASE NEDU

U.S.G.S. TOPOGRAPHIC MAP

EUNICE, N.M.

**JOHW WEST SURVEYING**  
**HOBBS, NEW MEXICO**

**(505) 393-3117**

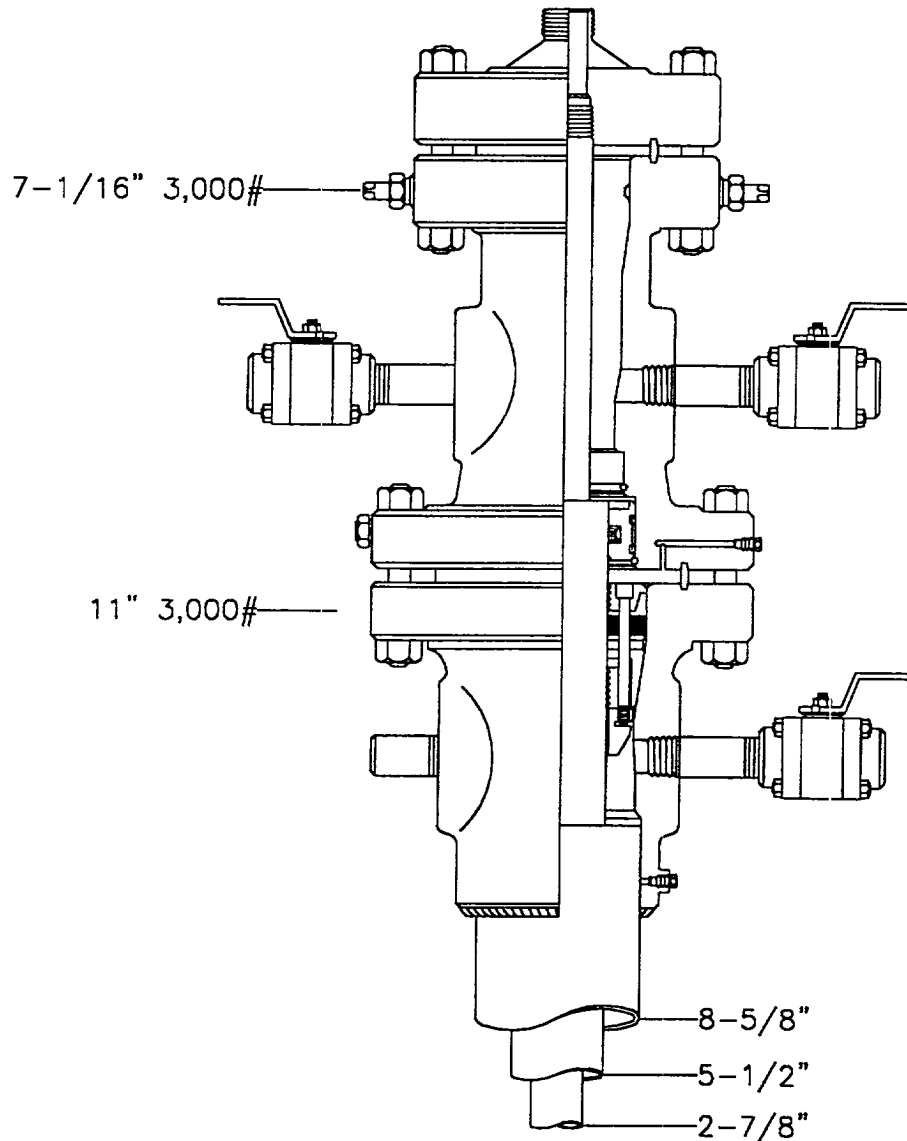
# Apache Corporation

WESTERN REGION

NEDU

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

|                   |                        |                |
|-------------------|------------------------|----------------|
| SCALE:            | DRAWN BY: Cecelia Glud | DATE: 4/22/98  |
| FILE NUMBER: 3000 | CHECKED BY:            | LAST APPROVAL: |



ELF 2/9/99  
ABOVE DATE DOES NOT  
INDICATE WHEN  
CONFIDENTIAL LOGS  
WILL BE RELEASED