

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 Attn: Dennis Bickford<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- 34800 |
| 5 Property Name<br>Northeast Drinkard Unit                                                                                           |  | 6 Well No.<br>824             |

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 |
| B             | 22      | 21-S     | 37-E  |         | 1101          | North            | 1522          | 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 |         |          |       |         | 13 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>3409 KB |
| 16 Multiple            | 17 Proposed Depth<br>6800' | 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     |
| 12 1/4"   | 8 5/8"      | 24# K55 STC        | 1300' or Anhydrite Form. | 585 sxs                                    | Circulate to Surf |
| 7 7/8"    | 5 1/2"      | 17# K55 LTC        | 6800'                    | 477 sxs Class "C"<br>+360 sxs 50/50 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 12 1/4" hole to 1300' or 50' into Anhydrite, run & set 1300' of 8 5/8" and cement, circulate to surface  
Lead: 400 sxs Class "C" +2%bwow Cal. Chloride + additives  
Tail: 185 Class "C" +2%bwow Cal. Chloride + additives  
Drill 7 7/8" hole to 6800', run & set 6800' of 5 1/2" and cement, (caliper + 20%) circulate to surface.  
Lead: 477 sxs(36:65)Poz (Fly Ash) Class "C" +2%bwow Cal. Chloride + additives  
Tail: 360 sxs(50:50)Poz (Fly Ash) Class "H" +2%bwow Sod. Chloride - additives  
Blow Out Prevention: See attached copy

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

|                                          |                                      |
|------------------------------------------|--------------------------------------|
| Signature: <i>Everett Ouzts</i> 12/15/99 | OIL CONSERVATION DIVISION            |
| Printed Name: Everett Ouzts              | Approved By: <i>William Williams</i> |
| Title: Engineering Technician            | Title: District Supervisor           |
| Date: 12/13/99                           | Approval Date: DEC 17 1999           |
| Phone: 915-631-3733                      | Expiration Date:                     |
| Conditions on Approval:                  |                                      |

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

State of New Mexico  
Reg. 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

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

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

## 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- <b>34800</b> | Pool Code<br>22900                  | Pool Name<br>Eunice; Blinbry-Tubb-Drinkard, North |
| Property Code<br>22503             | Property Name<br>N.E.D.U.           | Well Number<br>824                                |
| OGRID No.<br>873                   | Operator Name<br>APACHE CORPORATION | Elevation<br>3409                                 |

#### Surface Location

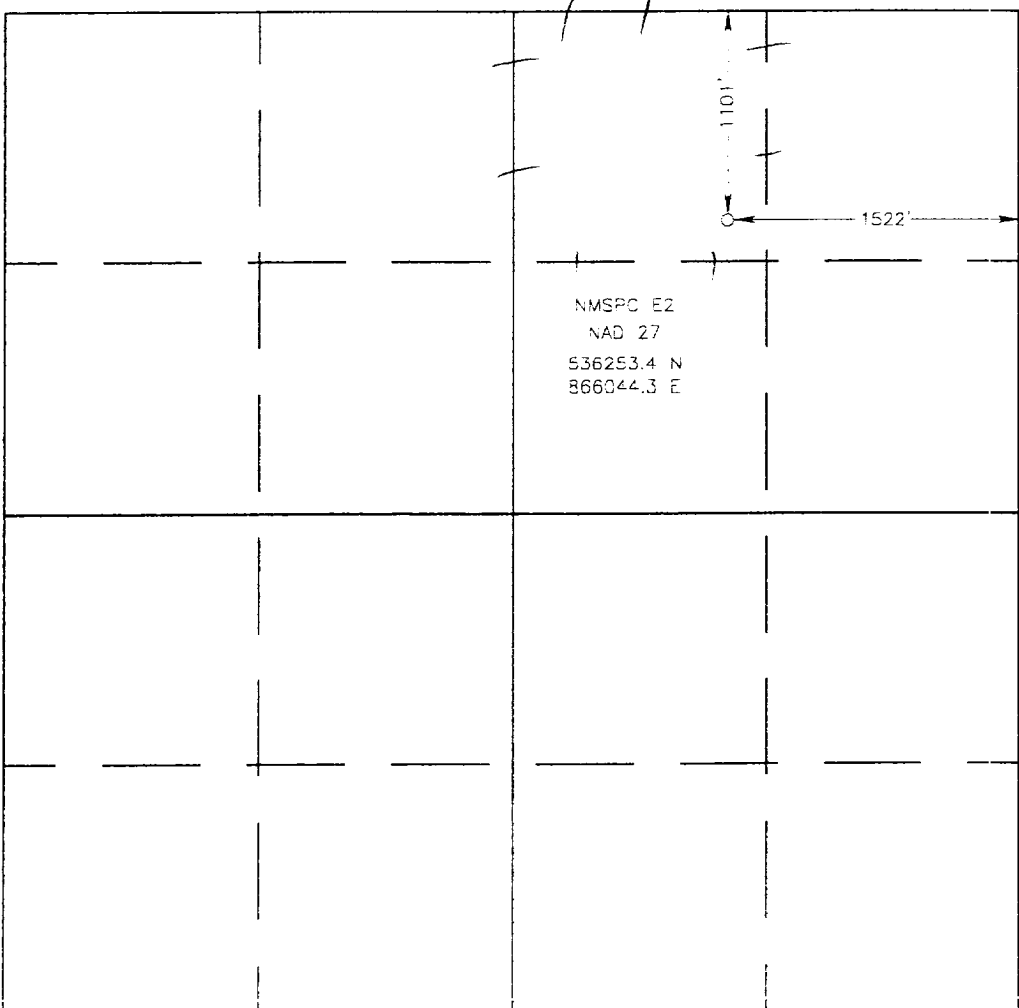
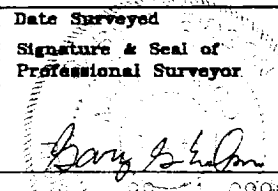
|                    |               |                  |               |         |                       |                           |                       |                        |               |
|--------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|
| UL or lot No.<br>B | Section<br>22 | Township<br>21 S | Range<br>37 E | Lot Idn | Feet from the<br>1101 | North/South line<br>NORTH | Feet from the<br>1522 | East/West line<br>EAST | County<br>LEA |
|--------------------|---------------|------------------|---------------|---------|-----------------------|---------------------------|-----------------------|------------------------|---------------|

#### Bottom Hole Location If Different From Surface

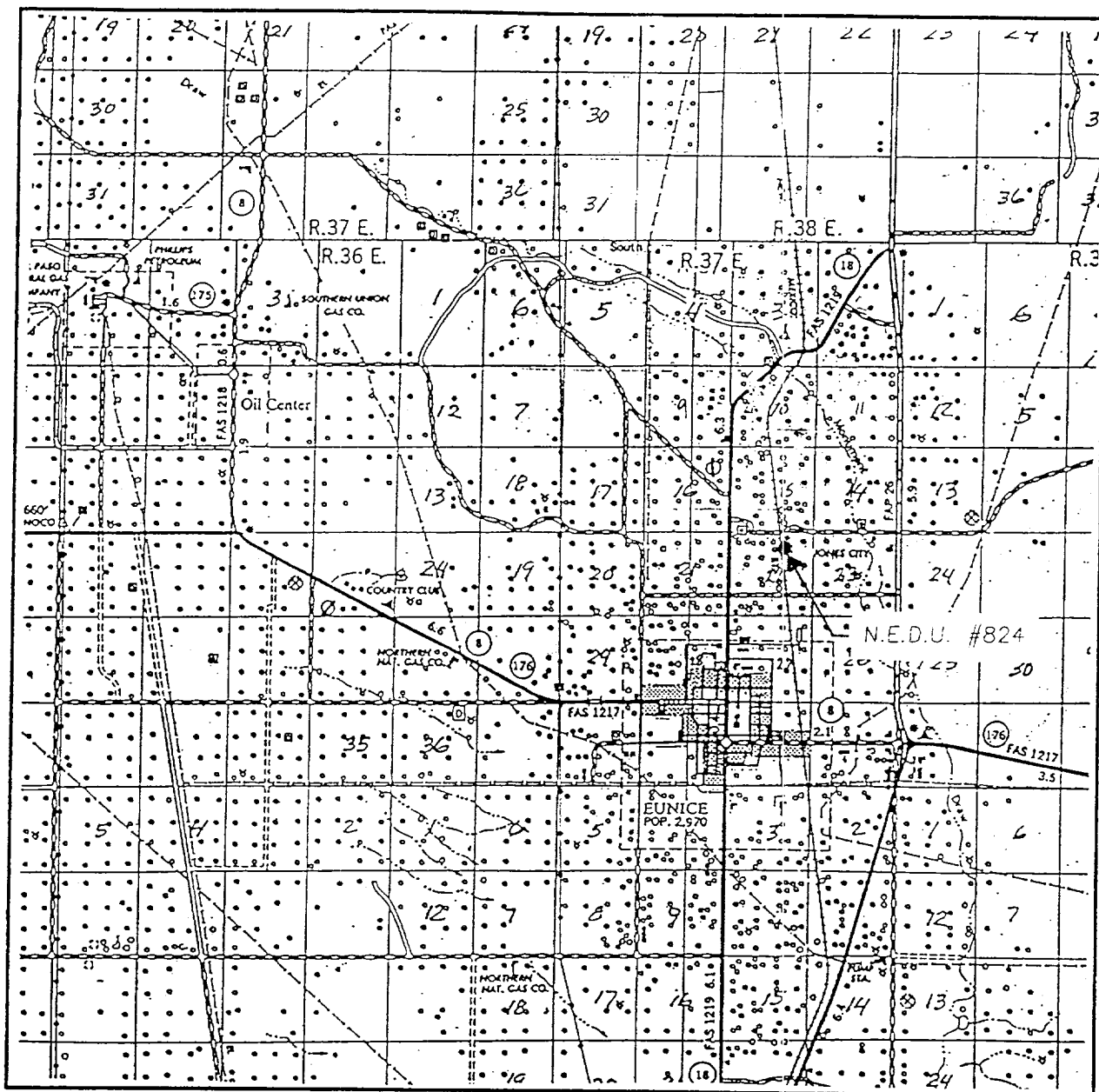
|               |         |          |       |         |               |                  |               |                |        |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot No. | Section | Township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

|                       |                 |                    |           |
|-----------------------|-----------------|--------------------|-----------|
| Dedicated Acres<br>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 the information contained herein is true and complete to the best of my knowledge and belief.<br><br><b>Signature</b><br>Everett Ouzts<br><b>Printed Name</b><br>Eng. Tech<br><b>Title</b><br>12-13-99<br><b>Date</b>                                                                                                                                                                                                                                                                        |
|                                                                                    | <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>NOVEMBER 23-30, 1999<br><b>Date Surveyed</b> DC<br><b>Signature &amp; Seal of Professional Surveyor</b><br><br><b>Certificate No.</b> RONALD J. EIDSON 3239<br>GARY EIDSON 12641<br>MACON McDONALD 12185 |

# VICINITY MAP



SCALE: 1" = 2 MILES

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

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1101' FNL & 1522' FEL

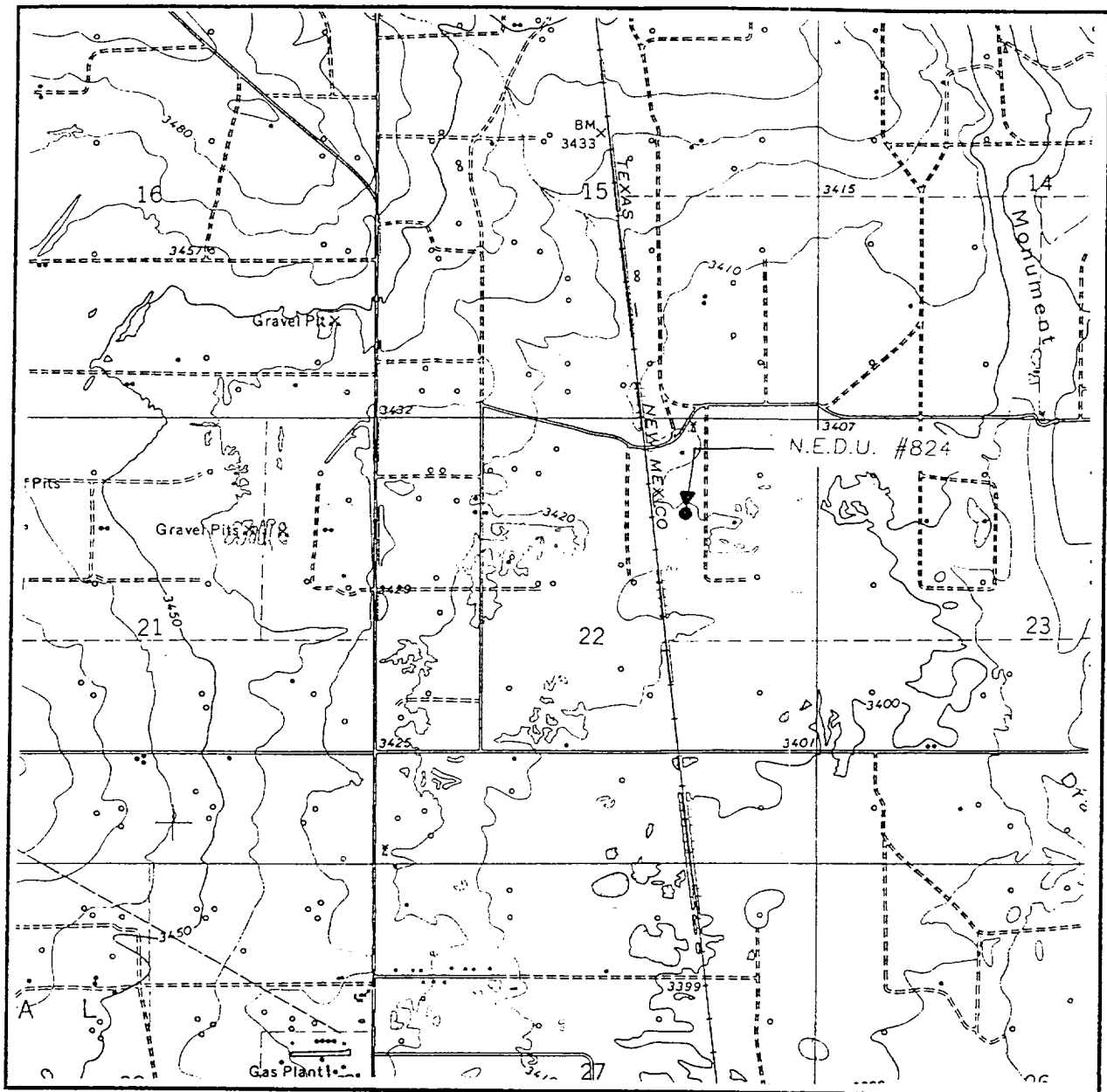
ELEVATION 3409

OPERATOR APACHE CORPORATION

LEASE N.E.D.U.

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

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
EUNICE - 10'

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

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1101' FNL & 1522' FEL

ELEVATION 3409

OPERATOR APACHE CORPORATION

LEASE N.E.D.U.

U.S.G.S. TOPOGRAPHIC MAP

EUNICE, N.M.

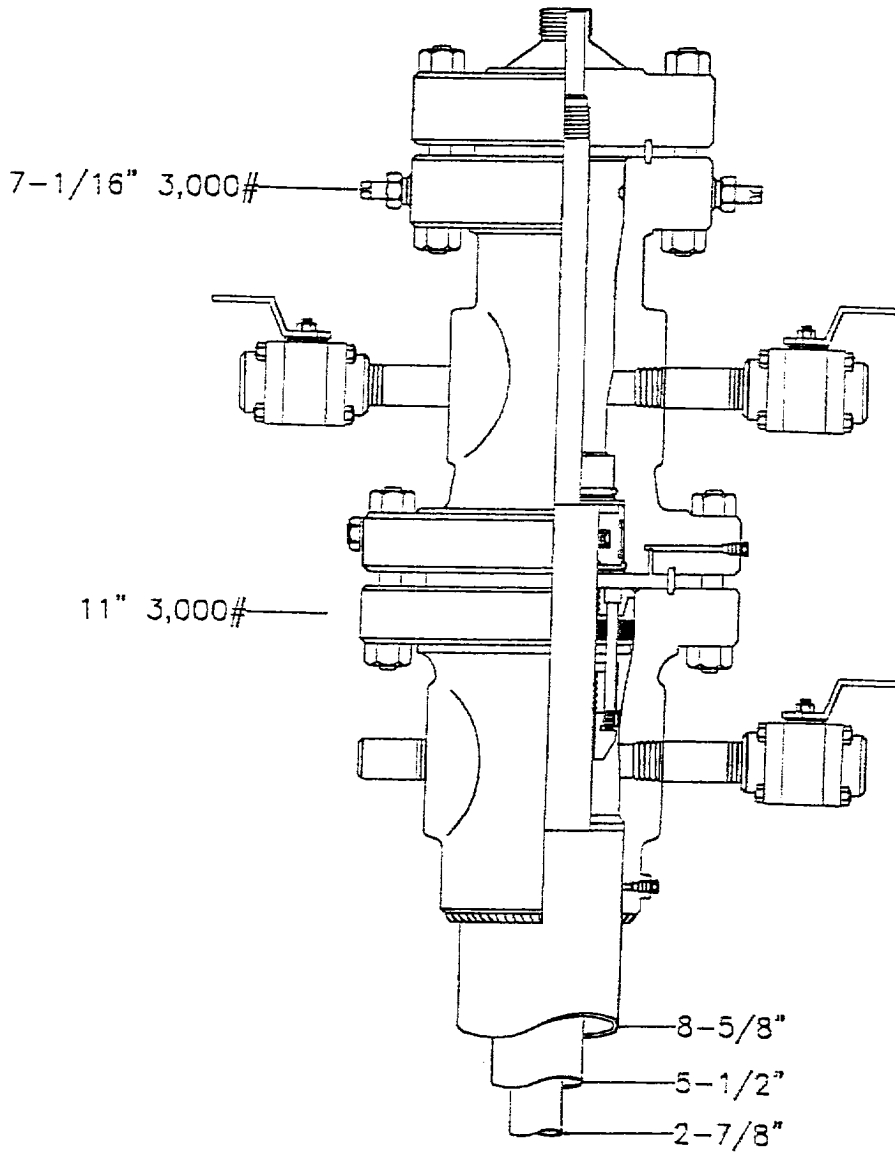
**JOHN WEST SURVEYING**  
**HOBBS, NEW MEXICO**  
**(505 393-3117)**

# Apache Corporation

WESTERN REGION  
NEDU

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

|          |            |         |         |
|----------|------------|---------|---------|
| DATE     | REVIEW BY  | DATE    | 4/22/88 |
| FILED BY | CHECKED BY | LIST BY |         |



ABOVE DATE DOES NOT  
INDICATE WHEN  
CONFIDENTIAL LOGS  
WILL BE RELEASED

ELF