

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 |
| 3 API Number<br>30-025- 55303                                                                                  |                             |                       |
| 4 Property Code<br>23117                                                                                       | 5 Property Name<br>State CK | 6 Well No.<br>5       |

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 |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| K             | 19      | 21-S     | 37-E  |         | 1743          | South            | 1680          | West           | 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>Penrose Skelly; Grayburg (50350) |         |          |       |         | 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>S | 15 Ground Level Elevation<br>3510' KB |
| 16 Multiple            | 17 Proposed Depth<br>4400' | 18 formation<br>Grayburg | 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        | 1100' (50' into Anhydrite) | 450 sxs         | Circulate to Surf |
| 7 7/8"    | 5 1/2"      | 17# J55 LTC        | 4400'                      | 700 Sxs         | 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 1100' or 50' into Anhydrite Formation, run & set 1100' of 8 5/8" and cement.

**Lead:** Class "C" + 2% calcium chloride + 0.25 lb/sx cello flake + 0.005% gps FP-6L + 6% bentonite.

**Tail:** Class "C" + 2% calcium chloride + 0.005 gps FP-6L.

Drill 7 7/8" hole to 4400', run & set 4400' of 5 1/2" and cement. **Lead:** 35:65 POZ: Class "C" + 5% sodium chloride + 0.25 lb/sx cello flake + 0.005 gps FP-6L + 8% bentonite. **Tail:** 50:50 POZ: Class "H" + 5% sodium + .25 lb/sx cello flake + 1% FL-25 + 0.005 gps FP-6L + bentonite.

**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<br><i>Everett Ouzts</i> |  | OIL CONSERVATION DIVISION |                 |
| Printed Name<br>Everett Ouzts     |  | Approved by:              |                 |
| Title<br>Engineering Technician   |  | Title                     |                 |
| Date<br>11/30/2000                |  | Approval Date:            | Expiration Date |
| Phone<br>915-631-3733             |  | Concissions on Approval:  |                 |

mp

## 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

Form C-102

Revised February 10, 1994

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

|                            |                                     |                                       |
|----------------------------|-------------------------------------|---------------------------------------|
| API Number<br>30-025-35303 | Pool Code<br>50350                  | Pool Name<br>Penrose Skelly; Grayburg |
| Property Code<br>23117     | Property Name<br>STATE "CK"         | Well Number<br>5                      |
| OGRID No.<br>873           | Operator Name<br>APACHE CORPORATION | Elevation<br>3508                     |

## Surface Location

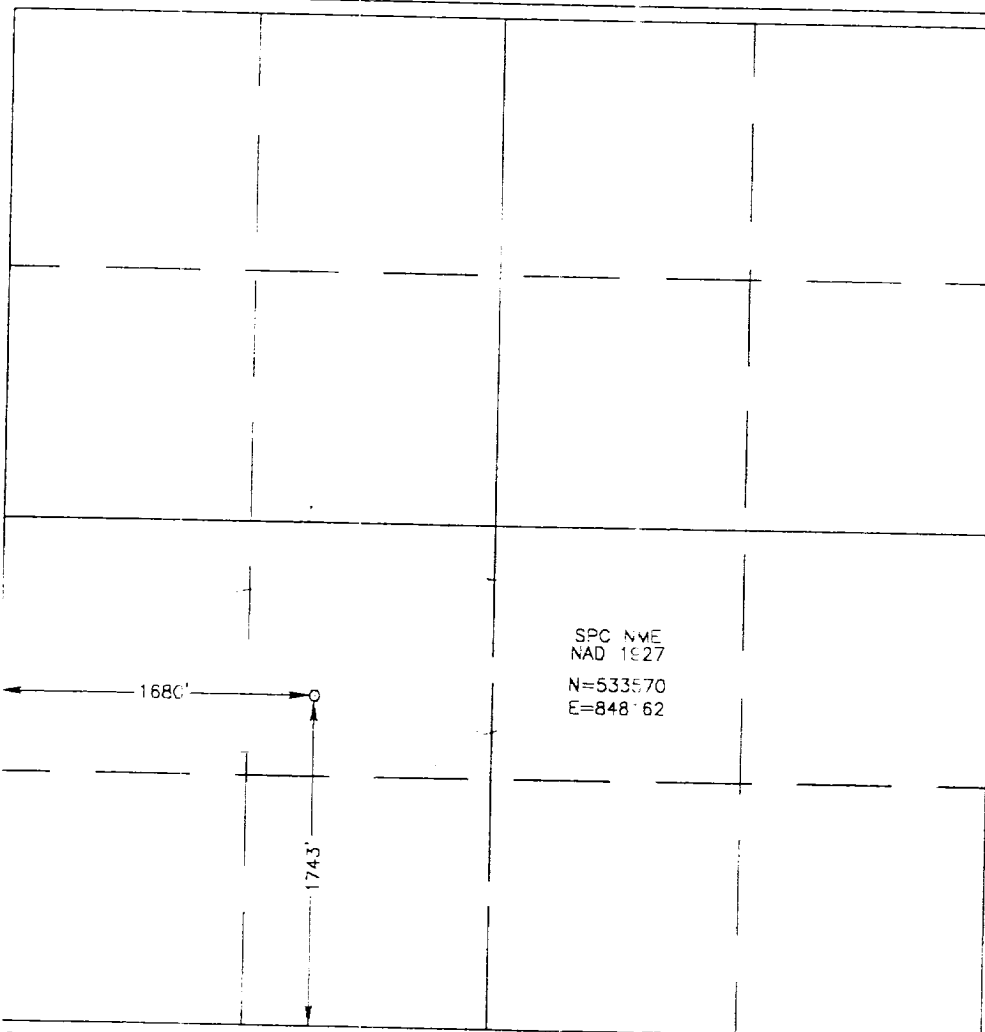
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| K             | 19      | 2' S     | 37 E  |         | 1743          | SOUTH            | 1680          | 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 ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



## OPERATOR CERTIFICATION

I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.

*Everett Ouzts*  
Signature

Everett Ouzts  
Printed Name

Eng. Tech.  
Title

11/30/00  
Date

## 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.

NOVEMBER 9, 2000

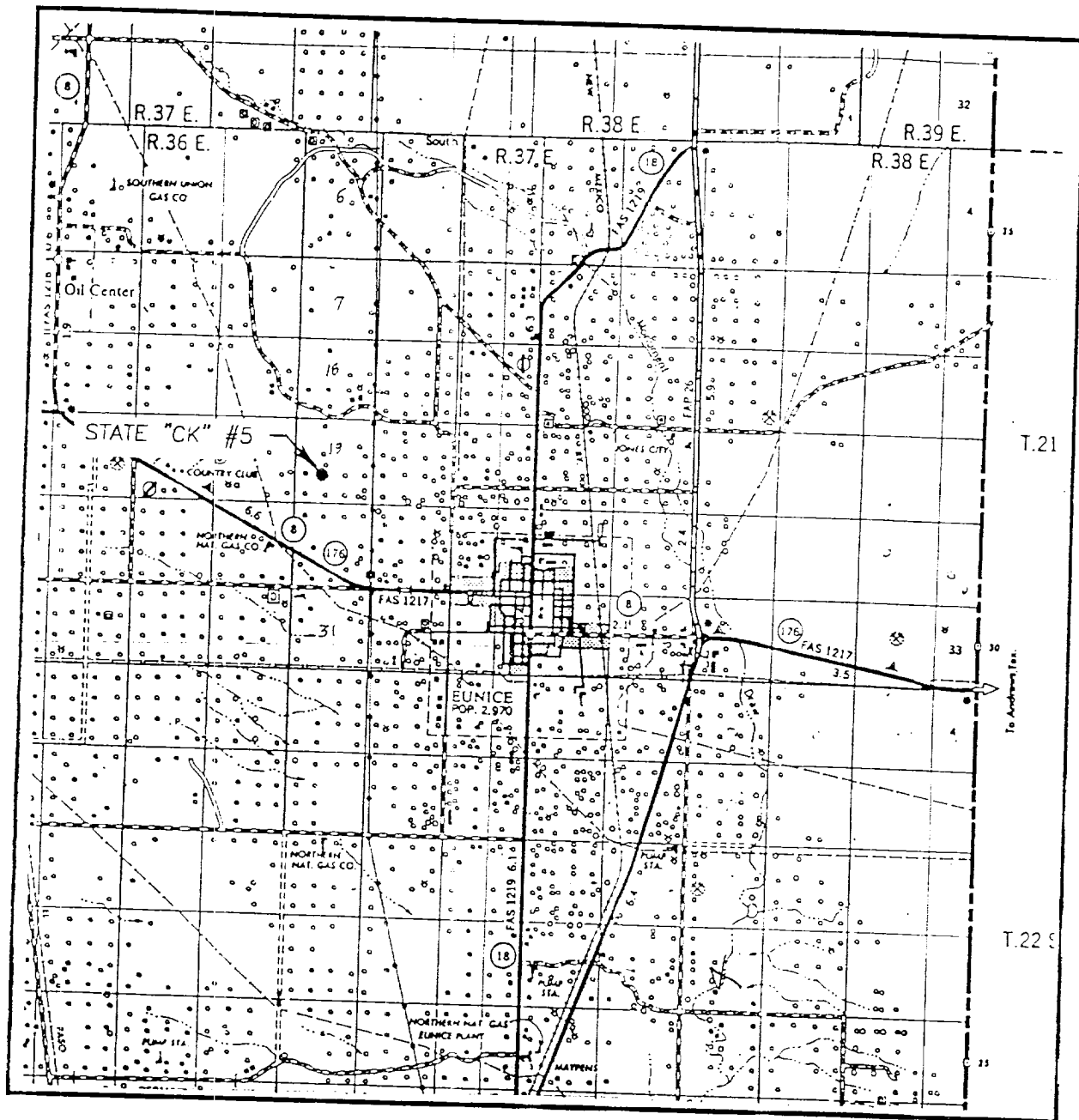
Date Surveyed LMP

Signature & Seal of  
Professional Surveyor

*Ronald J. Eidson* 11/16/00  
00-11-1390

Certificate No. RONALD J. EIDSON 3239  
GARY EIDSON 12641

## VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 19 TWP. 21--S RGE. 37--E

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

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

DESCRIPTION 1743' FSL & 1680' FWL

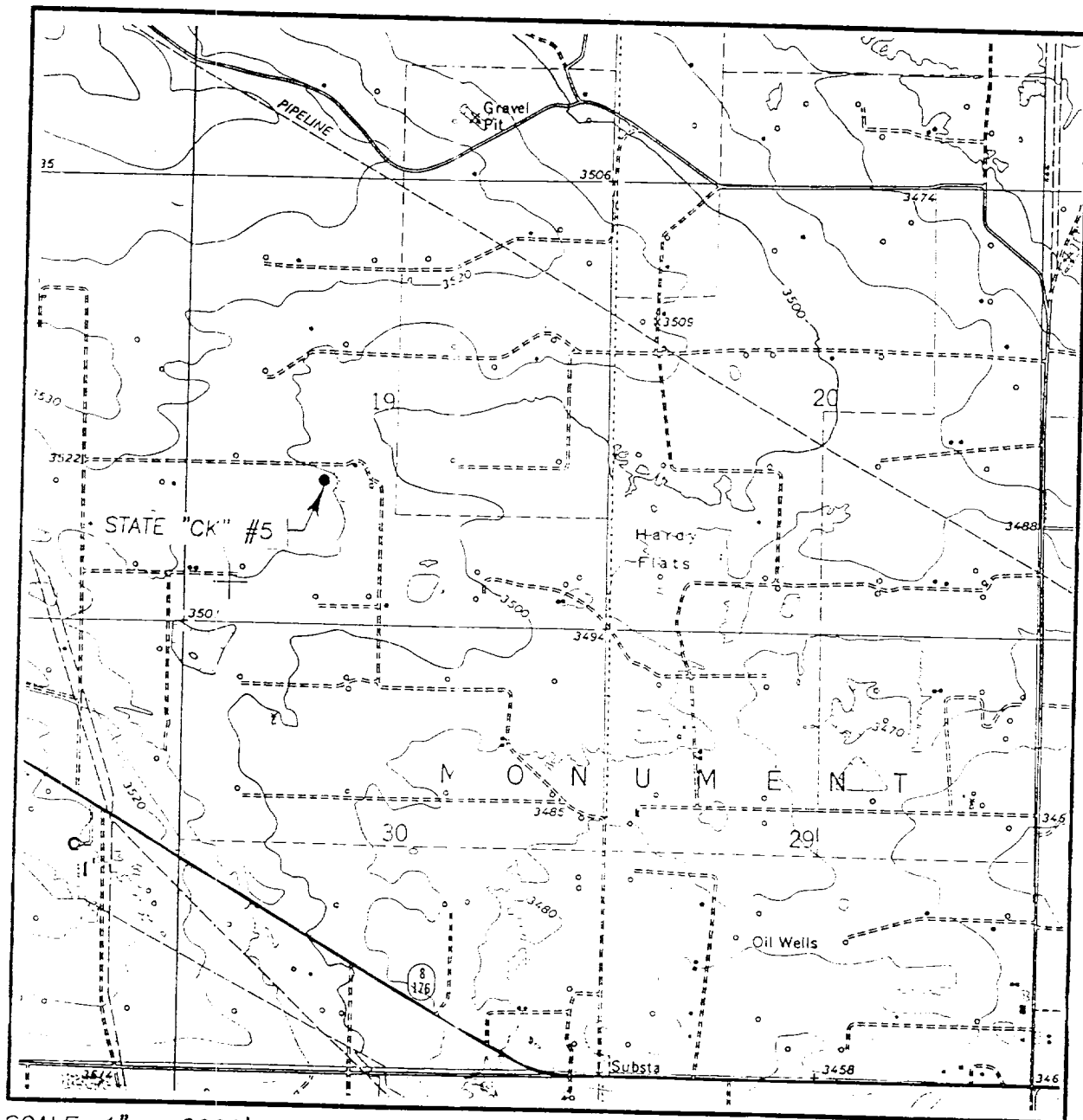
ELEVATION 3508

OPERATOR APACHE CORPORATION

LEASE \_\_\_\_\_ STATE "CK"

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

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
EUNICE - 10'

SEC. 19 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1743' FSL & 1680' FWL

ELEVATION 3508

OPERATOR APACHE CORPORATION

LEASE STATE "CK"

U.S.G.S. TOPOGRAPHIC MAP  
EUNICE, N.M.

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

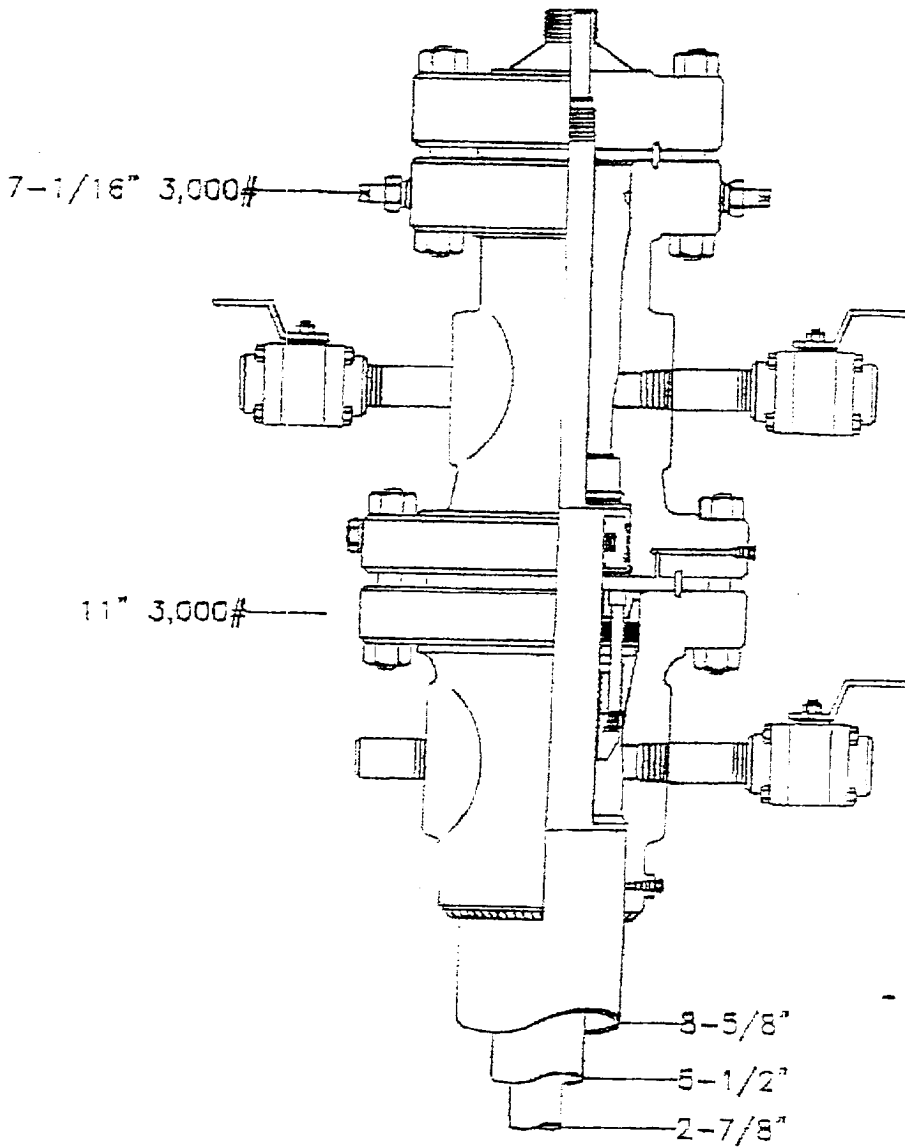
# Atacame Corporation

WESTERN REGION

STATE "CK"

LEA COUNTY, NEW MEXICO

|         |             |         |         |
|---------|-------------|---------|---------|
| DATE    | APPROVED BY | DATE    | DATE    |
| 4/22/78 | 4/22/78     | 4/22/78 | 4/22/78 |



IF ABOVE DATE DOES NOT  
INDICATE WHEN  
CONFIDENTIAL LOGS  
WILL BE RELEASED

FILE