

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 Apache Corporation attn: Dennis Bickford; 3rd floor 2000 Post Oak Blvd. Ste. 100 Houston, Texas 77056-4400		2 OGRID Number 873
4 Property Code 23510	5 Property Name Gulf Hill	3 API Number 30-025- 35493
		6 Well No. 6

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
15	4	21-S	37-E		3168	South	1650	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 Penrose Skelly: Grayburg (50350)					10 Proposed Pool 2				

11 Work Type Code N	12 Well Type Code O	13 Cable/Rotary R	14 Lease Type Code SP	15 Ground Level Elevation 3473' KB
16 Multiple	17 Proposed Depth 4450'	18 formation Grayburg	19 Contractor ASAP	20 Spud Date

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#	1100'	450 sxs	Circulate to Surf
7 7/8"	5 1/2"	17#	4450'	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 4450', run & set 4450' of 5 1/2" casing 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: *Everett Ouzts*

Printed Name: Everett Ouzts

Title: Engineering Technician

Date: 04/03/2001

Phone: 915-631-3733

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

Conditions on Approval:

Expiration Date:

Permit Expires 1 Year From Date of Issue

State of New Mexico

SmP

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

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. Drawer DD, Artesia, NM 88211-0719

DISTRICT III
1000 Rio Brazos Rd., Axtec, 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025- <u>35493</u>	Pool Code 50350	Pool Name Penrose; Skelly; Grayburg
Property Code 23510	Property Name GULF HILL	Well Number 6
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3473'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
15	4	21-S	37-E		3168	SOUTH	1650	EAST	LEA

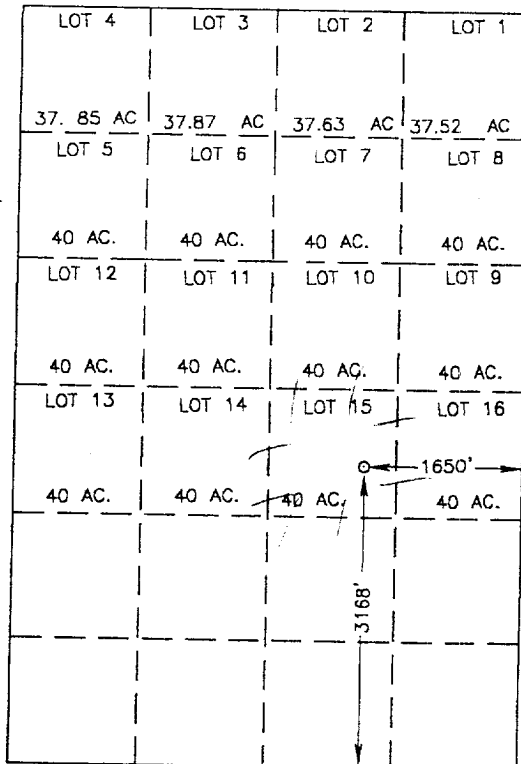
Bottom Hole Location If Different From Surface

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

Dedicated Acres <u>40</u>	Joint or Infill	Consolidation Code	Order No.
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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

GEODETC COORDINATES
NAD 27 NME
Y = 550650.1
X = 860378.4
LAT = 32°30'30.30"N
LONG = 103°09'51.63"W



SCALE: 1" = 2000'

OPERATOR CERTIFICATION

I hereby certify the 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
04-03-01
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.

MARCH 28, 2001

Date Surveyed
Signature & Seal of
Professional Surveyor
RONALD J. EIDSON
03/30/01
01-11-0394

Certificate No. RONALD J. EIDSON 3239
GARY EIDSON 12641

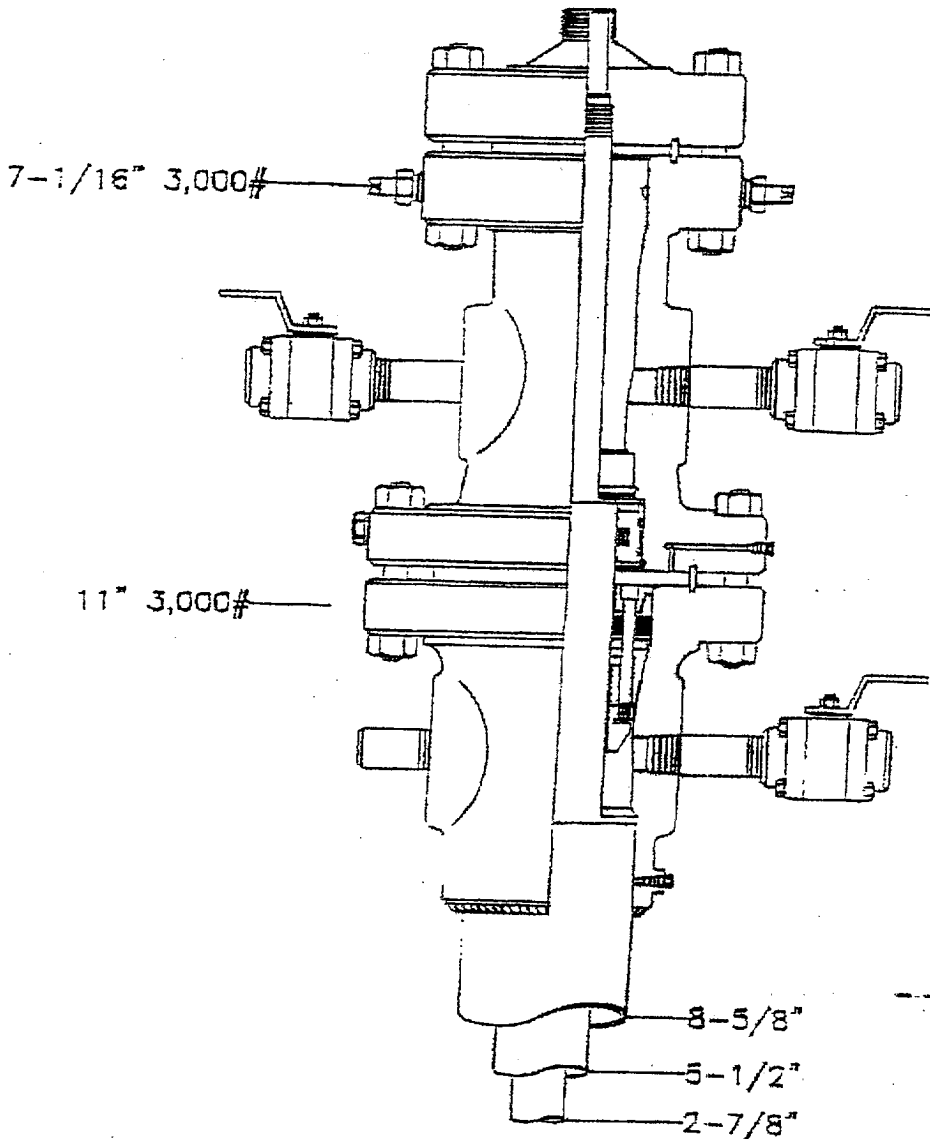
Alucene Corporation

WESTERN REGION

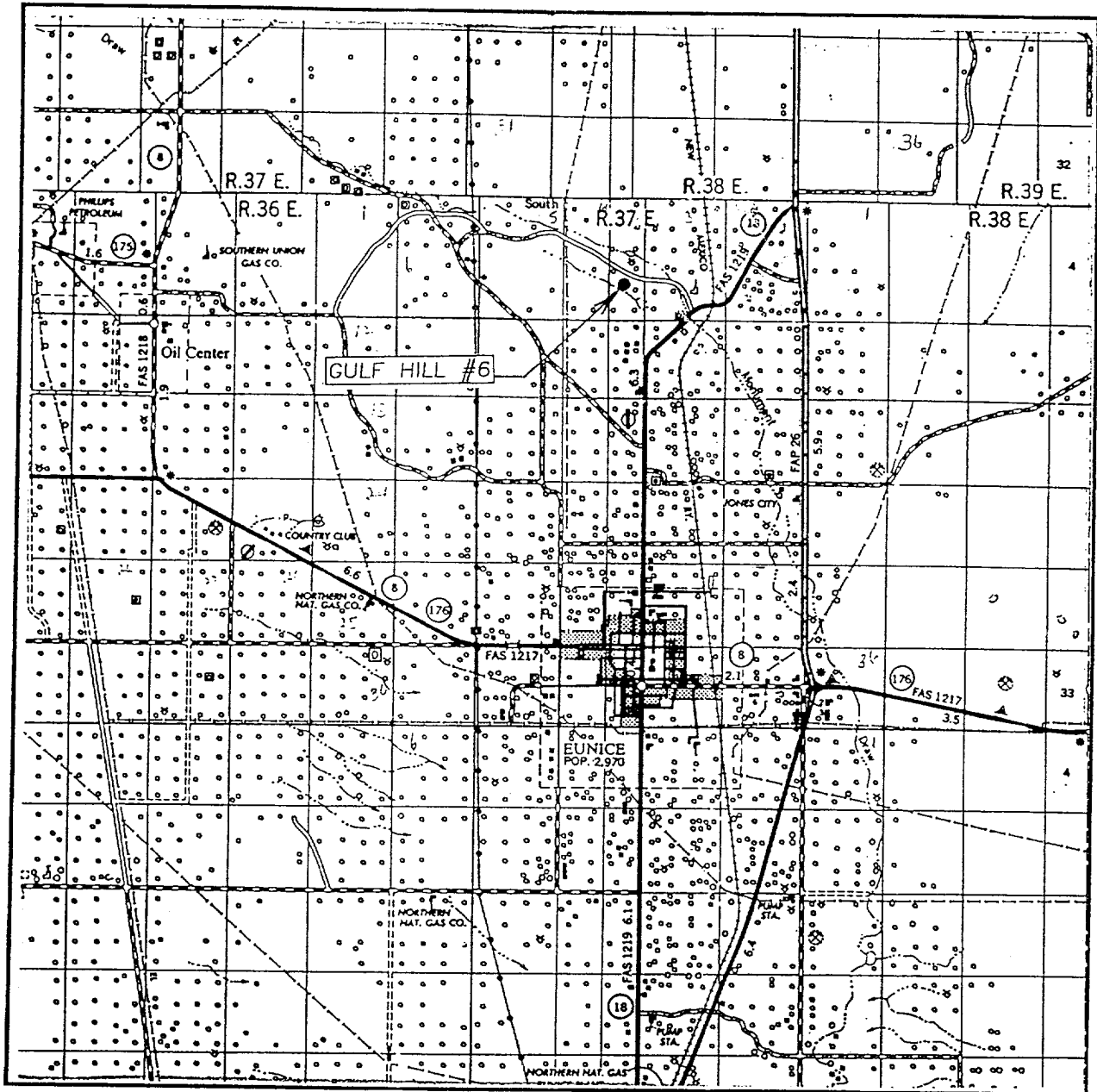
Gulf Hill #6

LEA COUNTY, NEW MEXICO

DATE	APPROVED BY	DATE	4/22/98
REVISIONS	DESIGNED BY	LAST REVISION	



VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 4 TWP. 21-S RGE. 37-E
 SURVEY N.M.P.M.
 COUNTY LEA
 DESCRIPTION 3168'FSL & 1650'FEL
 ELEVATION 3473'
 OPERATOR APACHE CORPORATION
 LEASE GULF HILL

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