

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
		3 API Number 30-025- 35707
4 Property Code 23113	5 Property Name State "C" Tract 12	6 Well No. 9

7 Surface Location

UL or lot no. C	Section 16	Township 21-S	Range 37-E	Lot Idn	Feet from the 600	North/South Line North	Feet from the 1850	East/West Line West	County Lea
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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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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 S	15 Ground Level Elevation 3497' KB
16 Multiple	17 Proposed Depth 4450'	18 formation Grayburg	19 Contractor	20 Spud Date 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#	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: <i>Harold Swain</i>	OIL CONSERVATION DIVISION ORIGINAL SIGNED BY	
Printed Name: Harold Swain	Approved by: GARY W. WINK	
Title: Drilling Foreman	Title: NATURAL SCIENCE MANAGER - 2	
Date: 09/17/2001	Approval Date:	Expiration Date:
Phone: 915-527-3521	Conditions on Approval:	

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

1254

8
mf

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

OIL CONSERVATION DIVISION

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025 - 35707	Pool Code 50350	Pool Name Penrose Skelly; Grayburg
Property Code 23113	Property Name STATE "C" TRACT 12	Well Number 9
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3497'

Surface Location

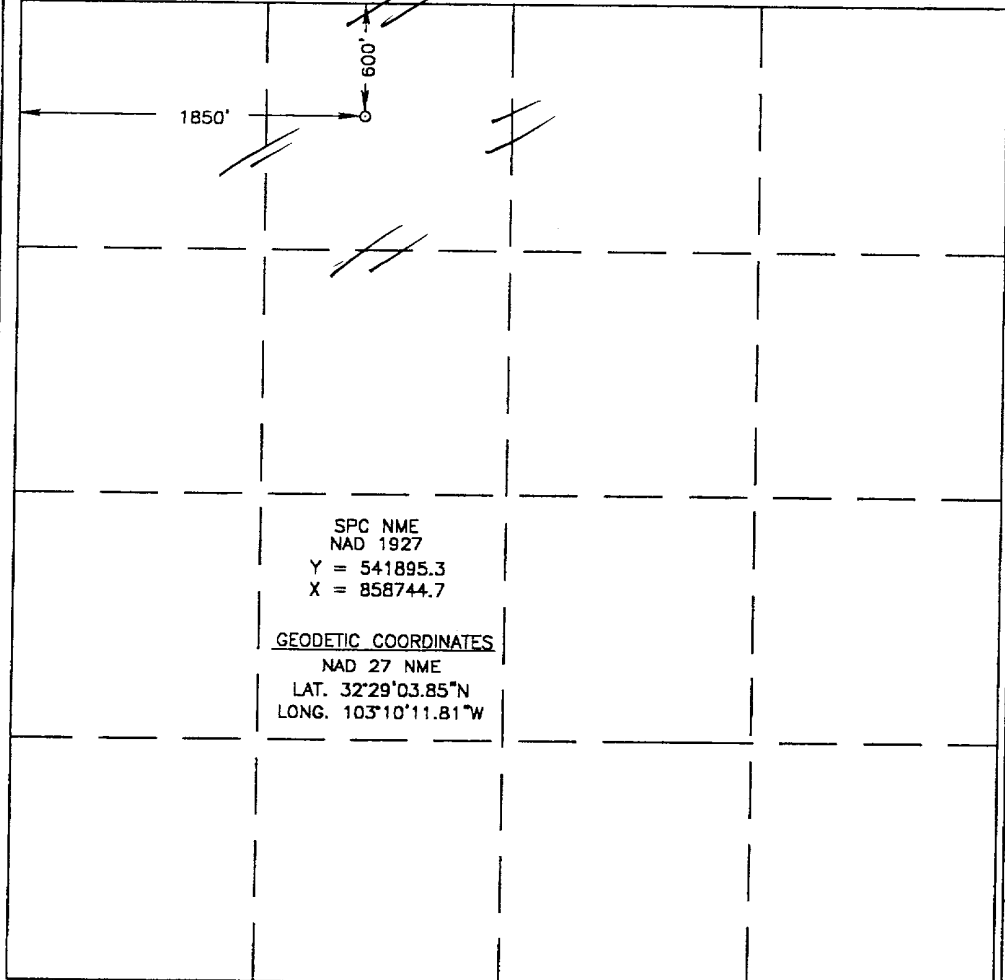
UL or lot No. C	Section 16	Township 21-S	Range 37-E	Lot Idn	Feet from the 600	North/South line NORTH	Feet from the 1850	East/West line WEST	County LEA
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Bottom Hole Location If Different From Surface

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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Dedicated Acres 4.2	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

 SPC NME NAD 1927 Y = 541895.3 X = 858744.7 <u>GEODETIC COORDINATES</u> NAD 27 NME LAT. 32°29'03.85"N LONG. 103°10'11.81"W	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Harold Swain</i> Signature Harold Swain Printed Name Drilling Foreman Title 9/18/01 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. SEPTEMBER 13, 2001 Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald J. Edson</i> 9/17/01 01.11.1030 Certificate No. RONALD J. EDSON 3239 GARY EDSON 12641
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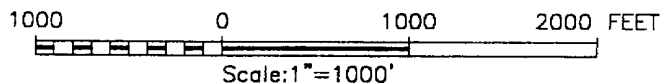
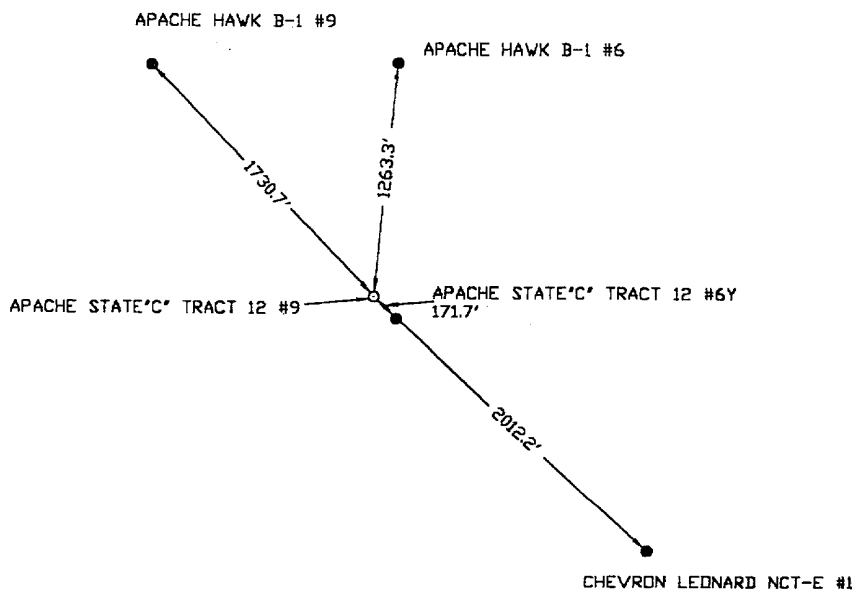
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	16	21-S	37-E		600	NORTH	1850	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.						

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

Harold Swain
Signature

Harold Swain
Printed Name

Drilling Foreman
Title

9/18/01
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.

SEPTEMBER 13, 2001

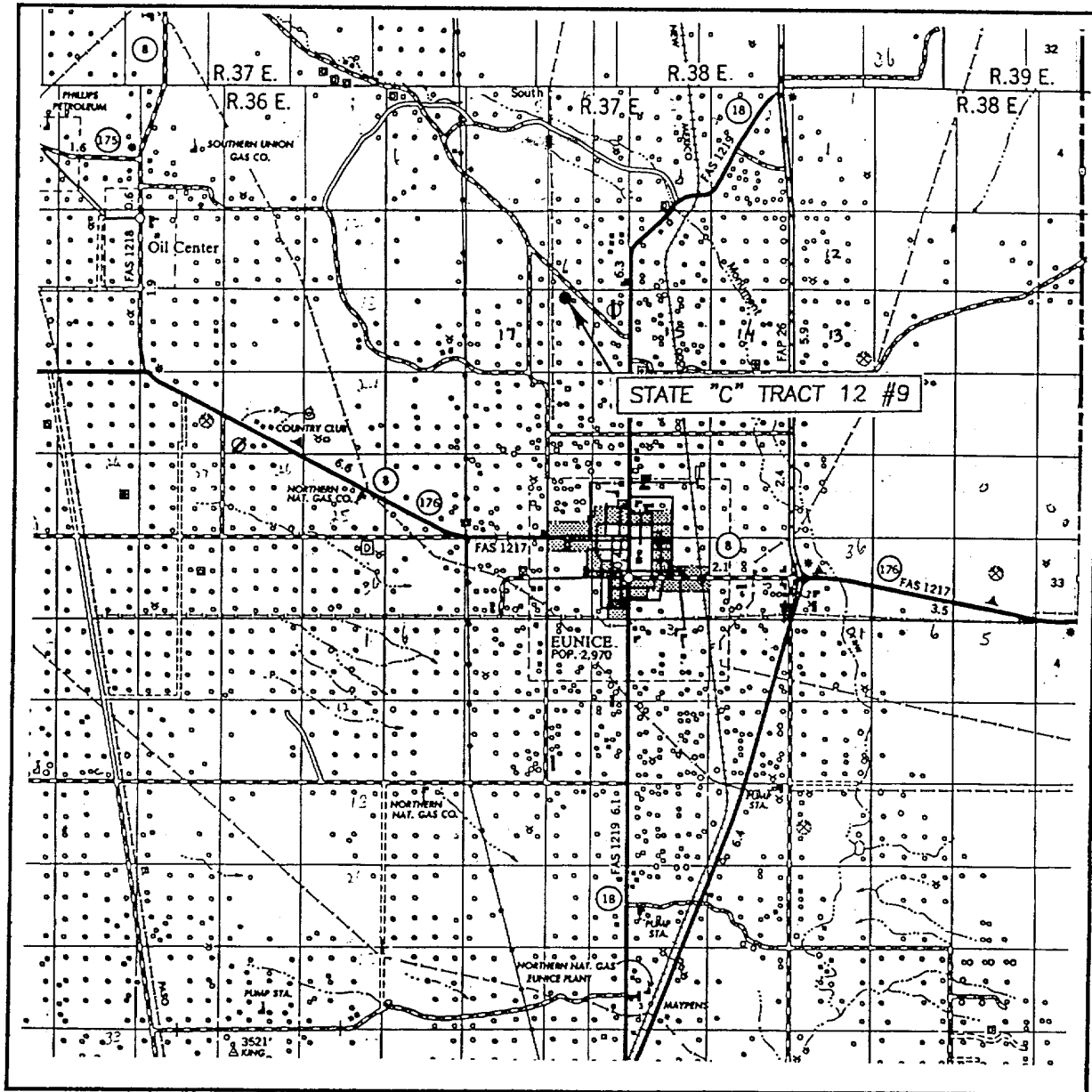
Date Surveyed AWB

Signature & Seal of
Professional Surveyor

01.11.1030

Certificate No. RONALD J. EIDSON 3239
GARY EIDSON 12641

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 16 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 600' FNL & 1850' FWL

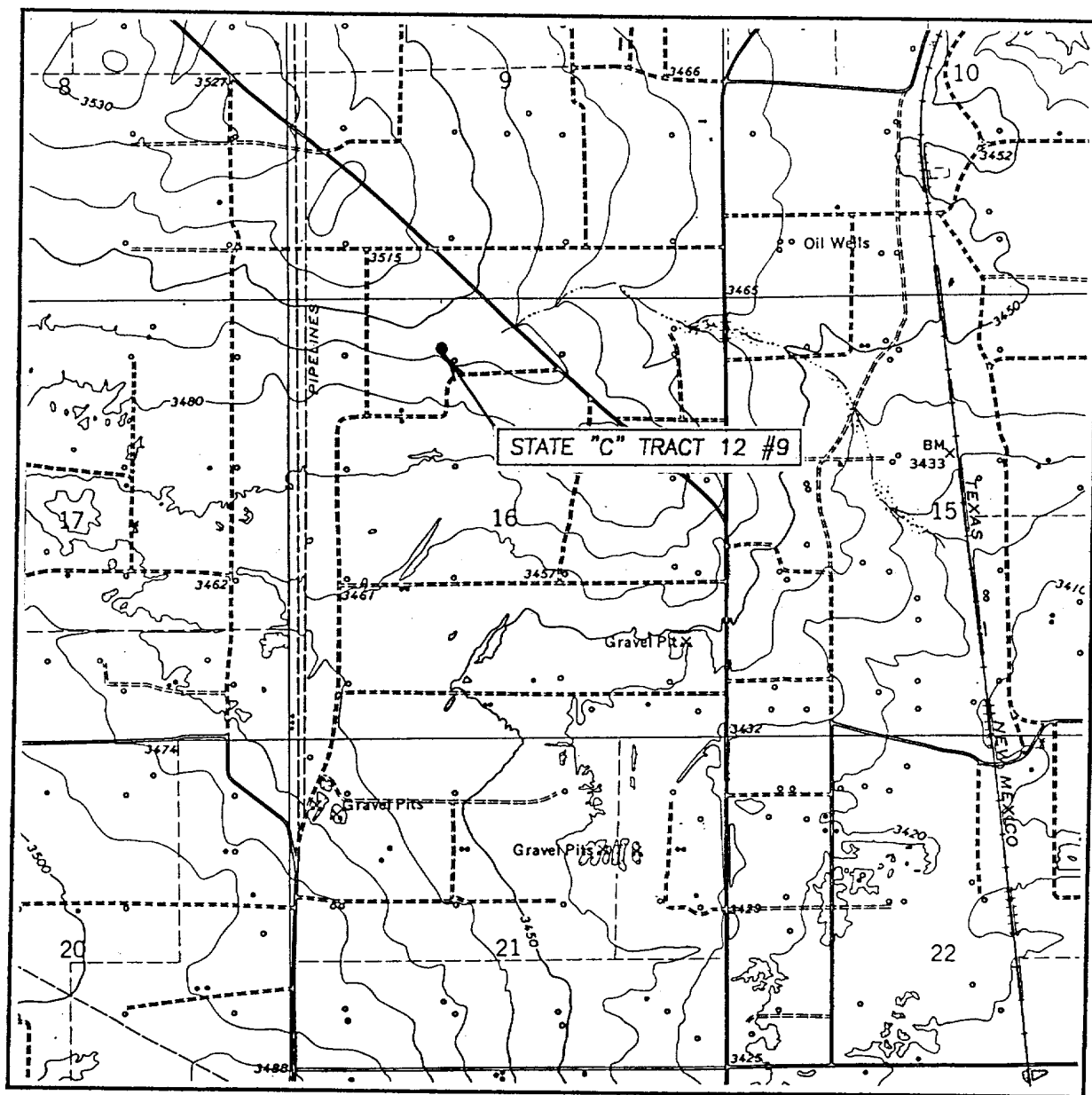
ELEVATION 3497'

OPERATOR APACHE CORPORATION

LEASE STATE "C" TRACT 12

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 10'

EUNICE, N.M.

SEC. 16 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 600' FNL & 1850' FWL

ELEVATION 3497'

OPERATOR APACHE CORPORATION

LEASE STATE "C" TRACT 12

U.S.G.S. TOPOGRAPHIC MAP

EUNICE, .NM.

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

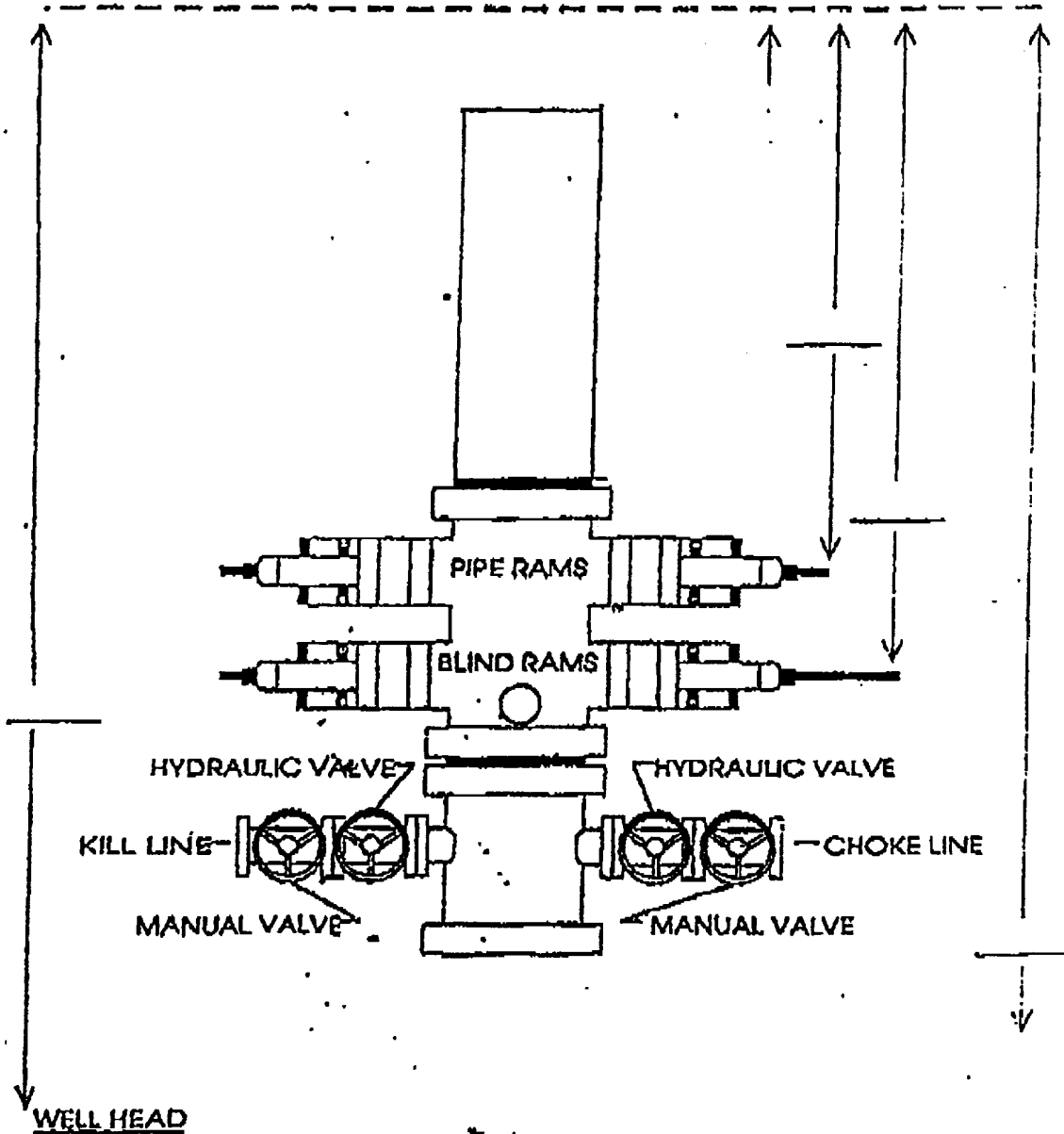
EXHIBIT "H-1"
B.U.P. STACK SPACING

AHEP-3187

SIZE: 11" 3000

Rig 5

TOP OF ROTARY



WELL _____ CONTRACTOR _____

11/13/01
ELF
ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED