

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 23112		3 API Number 30-025-35766
5 Property Name Southland Royalty "A"		6 Well No. 11

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	9	21-S	37-E		810	North	2080	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 3472' KB
16 Multiple	17 Proposed Depth 4250	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#	1250	435 sxs	Circulate to Surf
7 7/8"	5 1/2"	15.5#	4250	760 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 1250' or 50' into Anhydrite Formation, run & set 1250' of 8 5/8" and cement,
Lead: 300 sxs Class "C" + additives
Tail: 135 sxs Class "C" + additives
Drill 7 7/8" hole to 4250', run & set 4250' of 5 1/2" casing and cement.
Lead: 510 sxs 35:65 POZ: Class "C" + additives
Tail: 250 sxs Class "C" + 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.		OIL CONSERVATION DIVISION	
Signature: <i>Harold Swain</i>		Approved by: <i>[Signature]</i>	
Printed Name: Harold Swain		Title: <i>PETROLEUM ENGINEER</i>	
Title: Engineering Technician		Approval Date: <i>11/13/2001</i>	Expiration Date: <i>11/13/2002</i>
Date: 11/13/2001	Phone: 915-631-3733	Conditions on Approval: <i>[Signature]</i>	

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

5
2
A

[Signature]

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. 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 30-025- <u>35766</u>	Pool Code 50350	Pool Name Penrose Skelly; Grayburg
Property Code 23112	Property Name SOUTHLAND ROYALTY "A"	Well Number 11
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3472

Surface Location

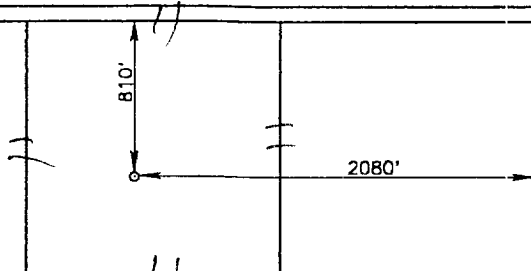
UL or lot No. B	Section 9	Township 21 S	Range 37 E	Lot Idn	Feet from the 810	North/South line NORTH	Feet from the 2080	East/West line EAST	County LEA
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Bottom Hole Location If Different From Surface

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 <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

				OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <u>Harold Swain</u> Signature Harold Swain Printed Name Engineering Tech Title 11/13/01 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. NOVEMBER 5, 2001	
				Data Surveyed Signature & Seal of Professional Surveyor <u>Ronald J. Edson</u> 11-11-1165	
GEODETTIC COORDINATES SPC NMEZ NAD 1927 Y=546985.3 X=859978.8 LAT= 32°29'54.08"N LONG= 103°09'56.76"W				Certificate No. <u>RONALD J. EDSON</u> 3239 CARY EDSON 12641	

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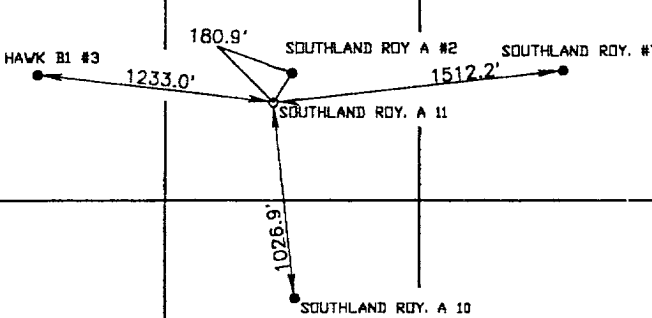
Surface Location

UL or lot No. B	Section 9	Township 21 S	Range 37 E	Lot Idn	Feet from the 810	North/South line NORTH	Feet from the 2080	East/West line EAST	County LEA
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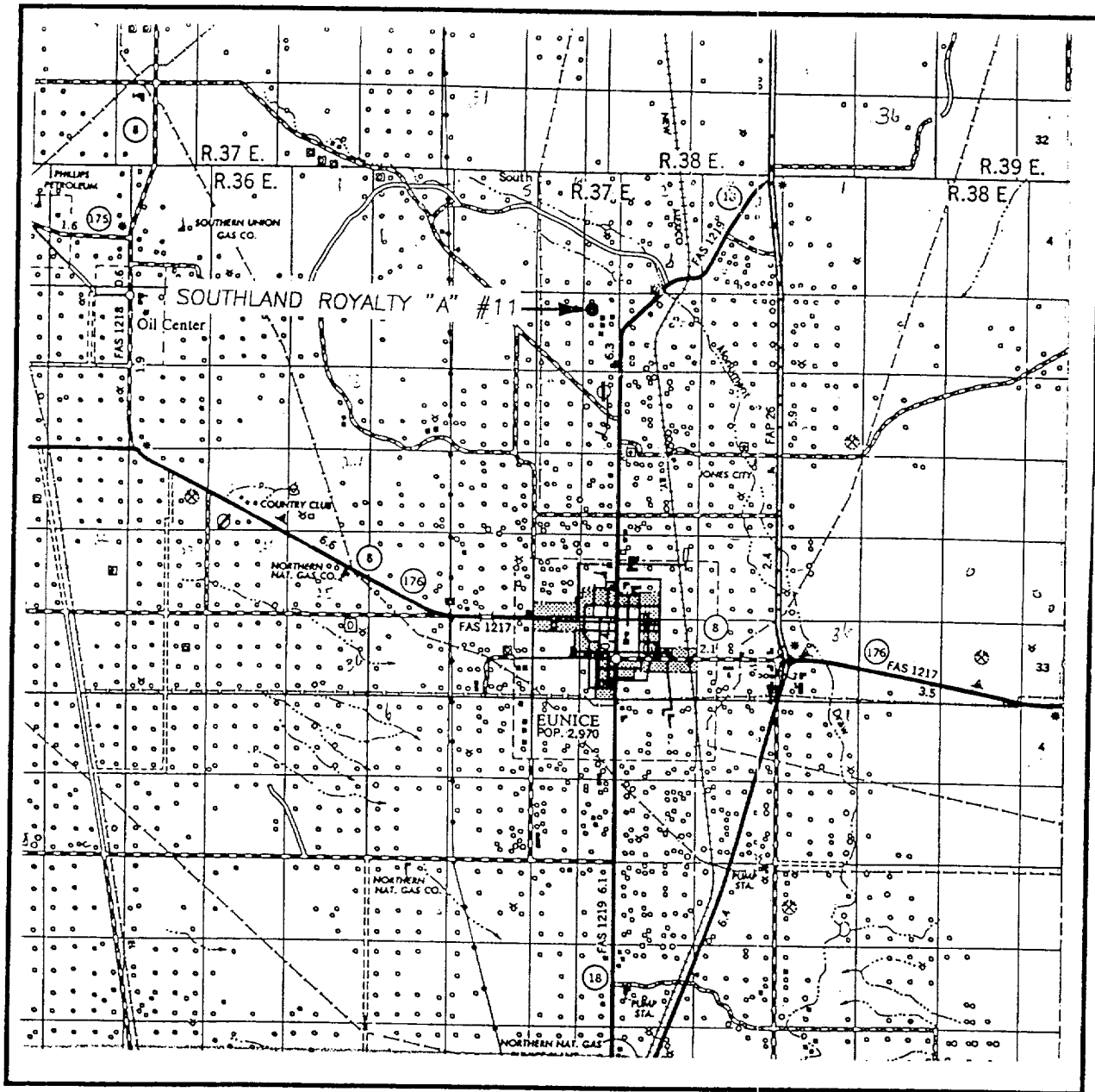
Bottom Hole Location If Different From Surface

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

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				GEODEIC COORDINATES SPC NMEZ NAD 1927 Y=546985.3 X=859978.8 LAT= 32°29'54.08"N LONG= 103°09'56.76"W	

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 9 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 810' FNL & 2080' FEL

ELEVATION 3472'

OPERATOR APACHE CORPORATION

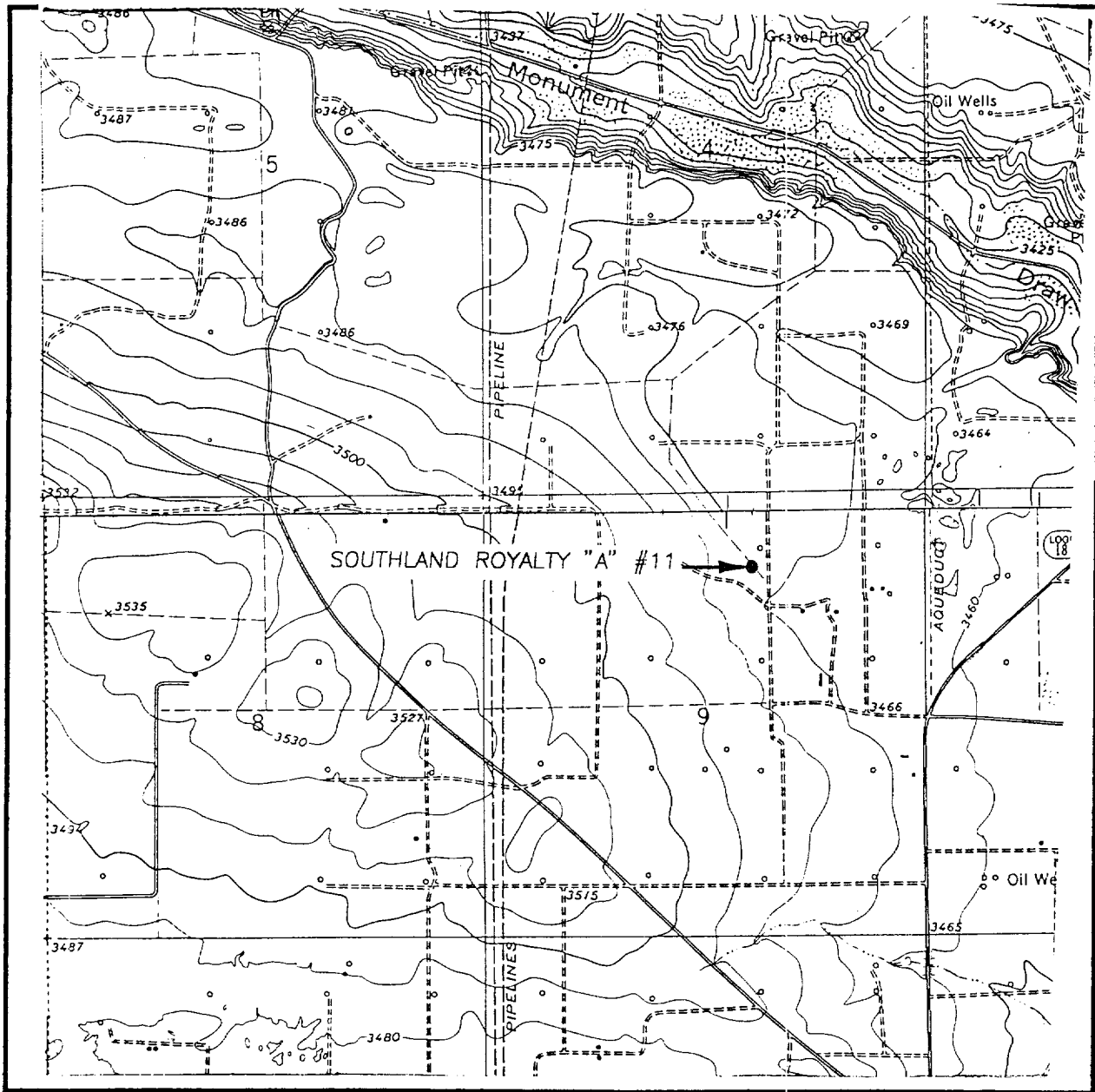
LEASE SOUTHLAND ROYALTY "A"

JOHN WEST SURVEYING
HOBBS, NEW MEXICO

(505) 393-3117

RECEIVED
HOBBS
OCT

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
HOBBS SW, N.M. 5'
EUNICE, N.M. 10'

SEC. 9 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 810' FNL & 2080' FEL

ELEVATION 3472'

OPERATOR APACHE CORPORATION

LEASE SOUTHLAND ROYALTY "A"

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

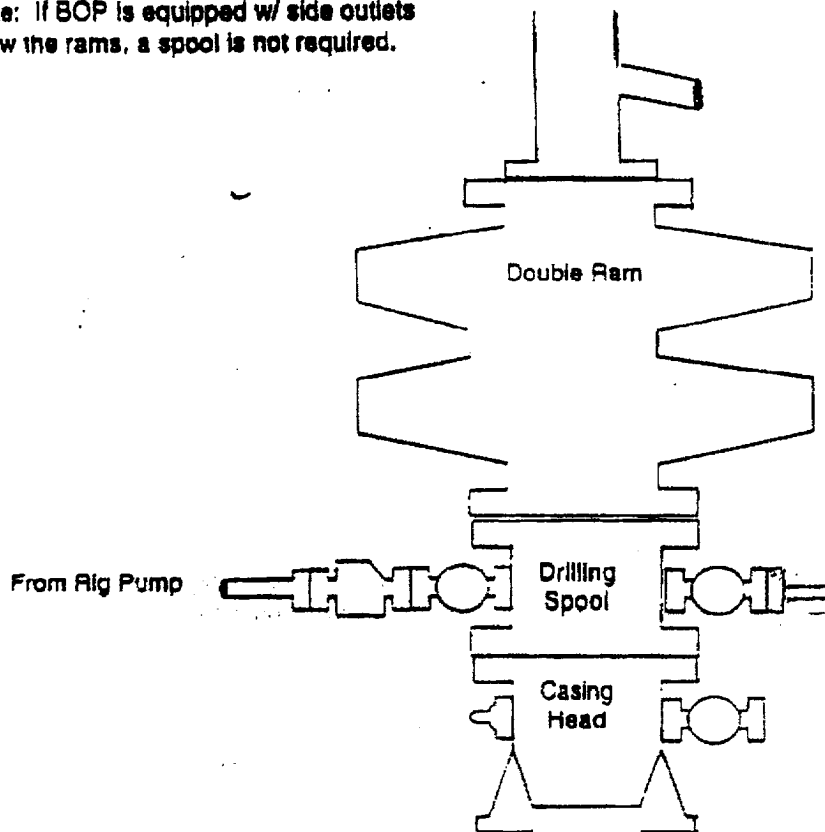
JOHN WEST SURVEYING
HOBBS, NEW MEXICO
(505) 393-3117

RECEIVED
FEB 23 1980
CD

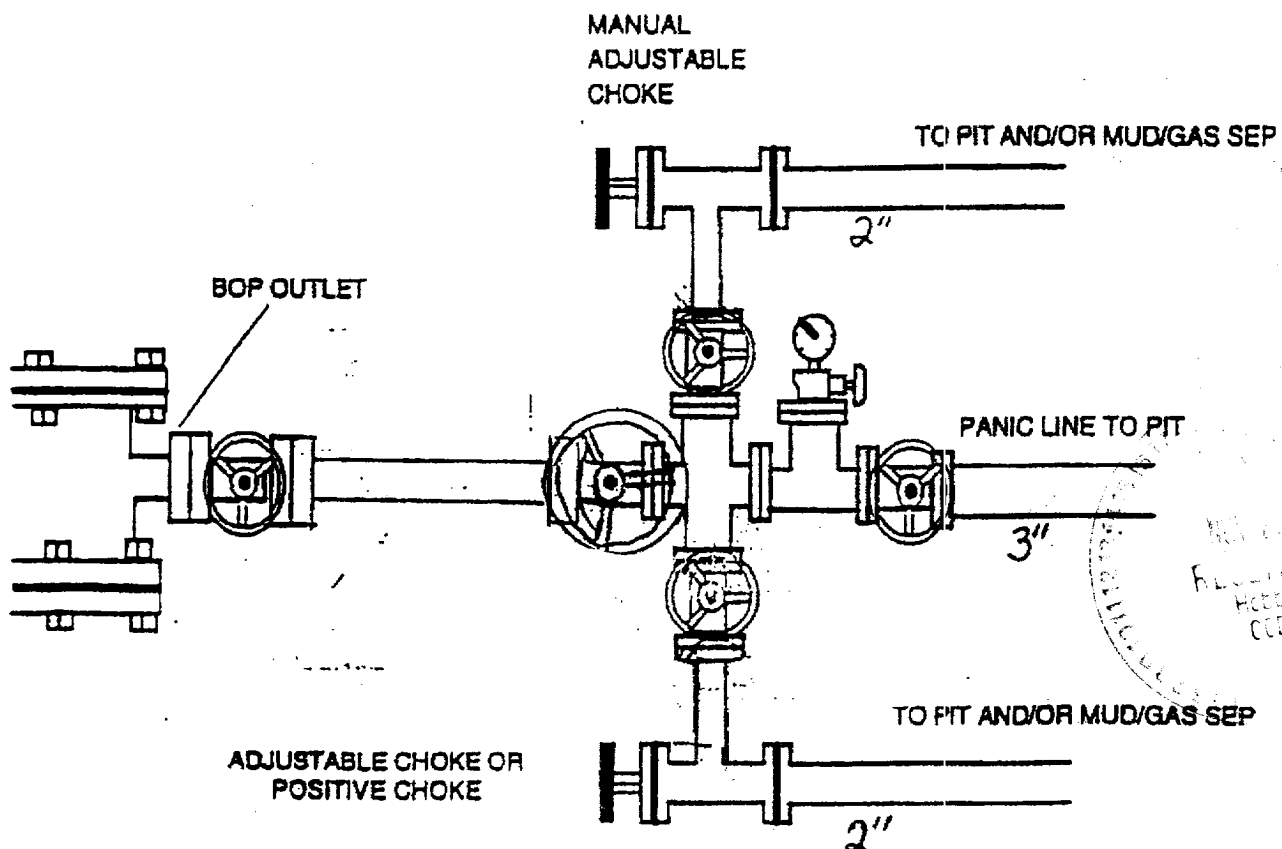
BOP Schematic

*Note: If BOP is equipped w/ side outlets below the rams, a spool is not required.

2000 psi WP Double Ram
Blow-out Preventor. Must be tested
to 1000 psi prior to drilling out
8-5/8" surface casing.



Choke Manifold Schematic



ELF 1/22/52
ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOSS
WILL BE RELEASED