

District I
1625 N. French Dr., Hobbs, NM 88240

District II
811 South First, Artesia, NM 88210

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

District IV
1220 South St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-101
Revised March 17, 1999

OIL CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, NM 87505

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 6120 South Yale Tulsa, OK 74136-4224		2 OGRID Number 000873
4 Property Code 2312		3 API Number 30-025-35895
5 Property Name Southland Royalty 'A'		6 Well No. 14

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
N/V	4	21S	37E		330'	SOUTH	2050'	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 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 P	15 Ground Level Elevation 3478' KB
16 Multiple	17 Proposed Depth 4200'	18 Formation Grayburg	19 Contractor Capstar	20 Spud Date 5/12/2002

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#	400'	435 sxs	Circ to Surf
7-7/8"	5-1/2"	15.5#	4250'	760 sxs	Circ 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 400', run & set 400' of 8-5/8" casing and cement

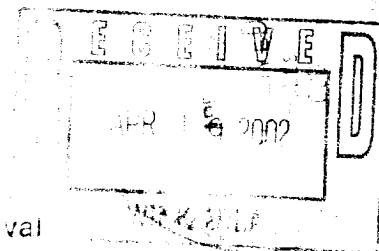
Tail: 350 sxs Class 'C' + additives

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

Permit Expires 1 Year From Approval
Date Unless Drilling Underway



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: Gary L. Poulain		Approved by: PAUL E. KATZ	
Printed Name: Gary L. Poulain		Title: PETROLEUM ENGINEER	
Title: Sr. Staff Drilling Engineer		Approval Date: APR 22 2002	
Date: 4/11/2002		Expiration Date:	
Phone: 918/491-4803		Conditions of Approval: Attached ☐	

5
C
A

Ab mp

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

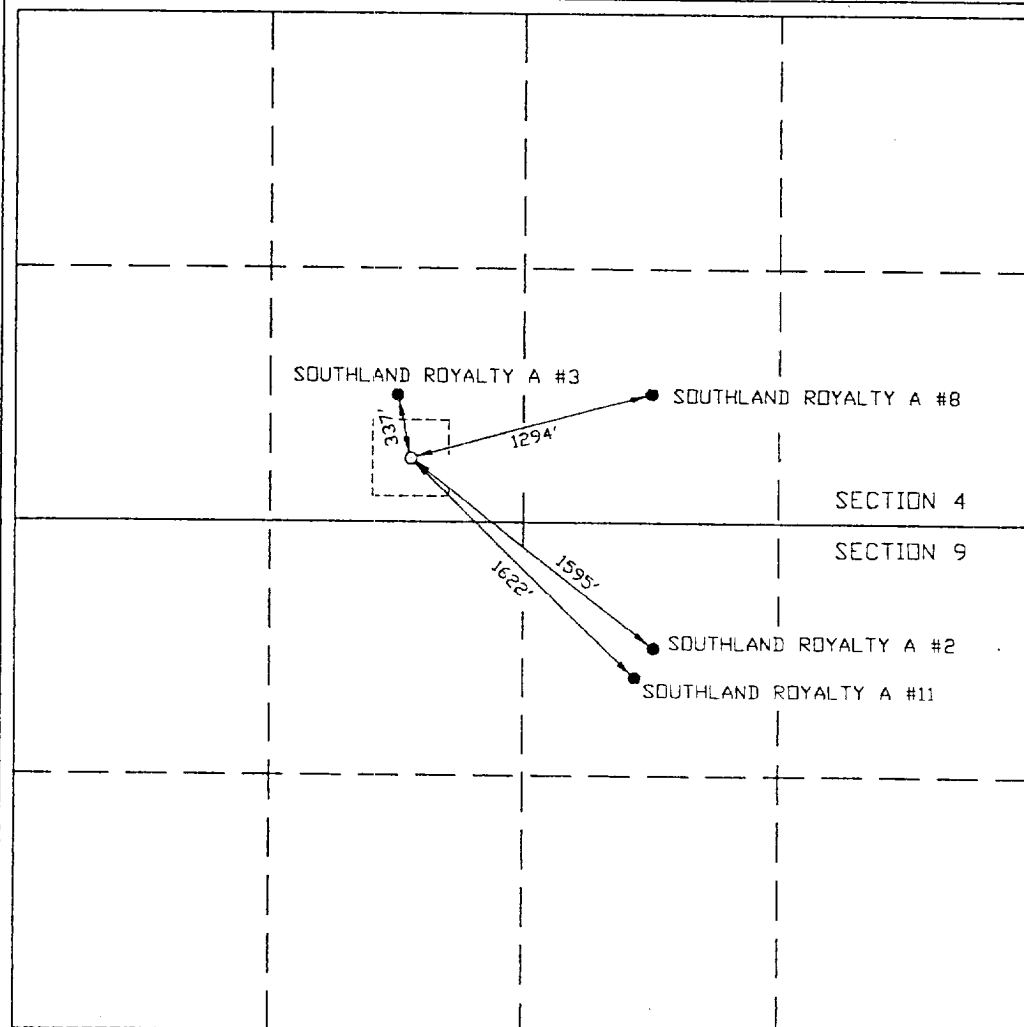
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35895		Pool Code 50350		Pool Name Penrose Skelly; GB					
Property Code 23112		Property Name SOUTHLAND ROYALTY A						Well Number 14	
OGRID No. 873		Operator Name APACHE CORPORATION						Elevation 3478	
Surface Location									
UL or lot No. N/V	Section 4	Township 21 S	Range 37 E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 2050	East/West line WEST	County 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 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



OPERATOR CERTIFICATION	
I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.	
Signature Harold Swain	
Printed Name HAROLD SWAIN	
Title DRLG. FOREMAN	
Date 4-22-02	
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.	
APRIL 8, 2002	
Date Surveyed	WKT
Signature & Seal of Professional Surveyor Ronald J. Eidson	
Certificate No. RONALD J. EIDSON 3239 NEW MEXICO 12641	

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	Pool Code	Pool Name
Property Code	Property Name SOUTHLAND ROYALTY A	Well Number 14
OGRID No.	Operator Name APACHE CORPORATION	Elevation 3478

Surface Location

UL or lot No. N	Section 4	Township 21 S	Range 37 E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 2050	East/West line WEST	County LEA
--------------------	--------------	------------------	---------------	---------	----------------------	---------------------------	-----------------------	------------------------	---------------

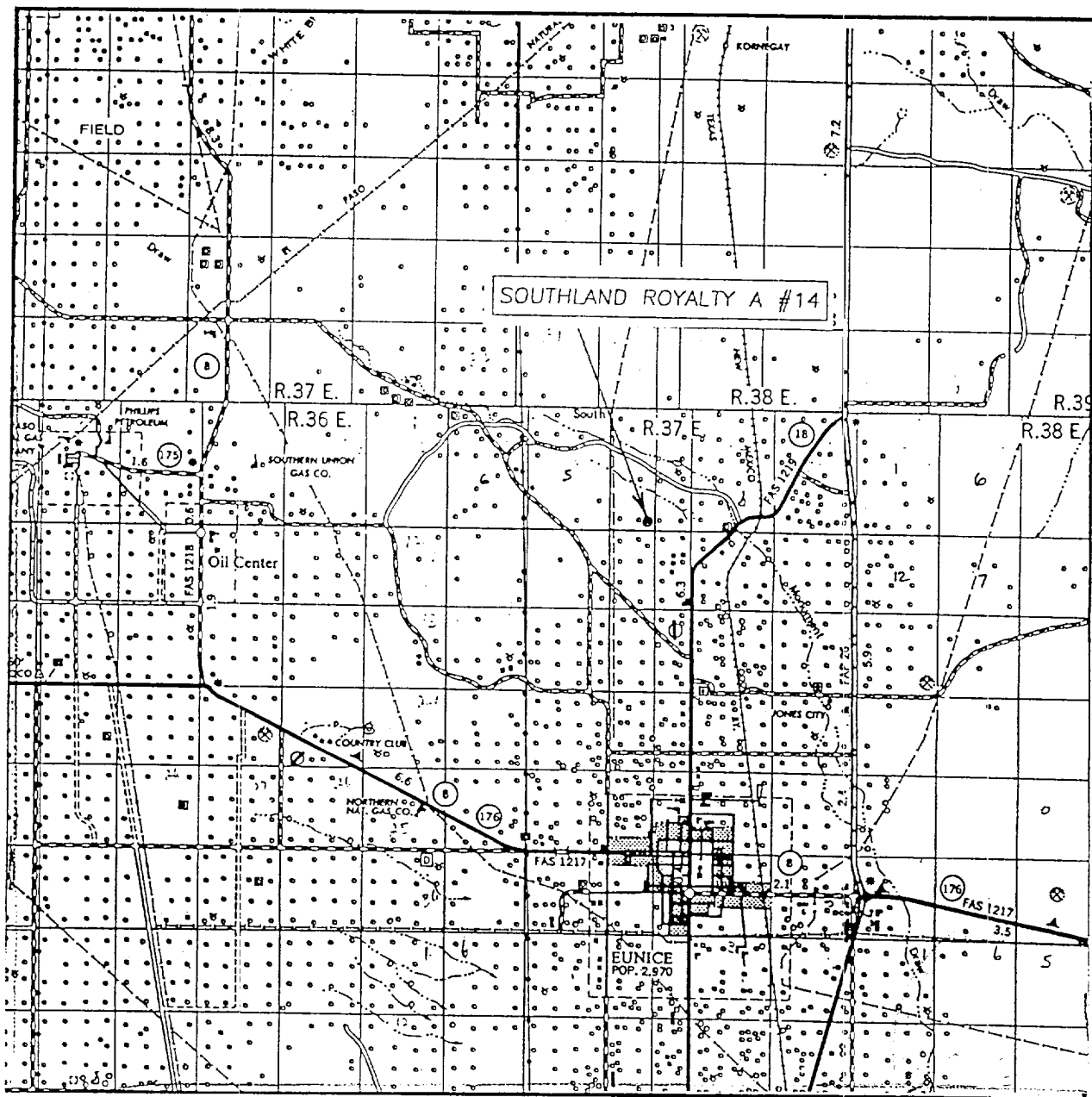
Bottom Hole Location If Different From Surface

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

GEODETTIC COORDINATES NAD 27 NME Y=548109.1 X=858826.1 LAT 32°30'05.32"N LONG. 103°10'10.07"W 2050' 330'	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 DRlg. FOREMAN Title 4-22-02 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. APRIL 8, 2002 Date Surveyed <i>Ronald J. Edson</i> Signature & Seal Professional Surveyor NEW MEXICO 4/9/02 02-11-0270	
	Certificate No. RONALD J. EDSON 3239 GARY EDSON 12641	
	WKT	

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 4 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330' FSL & 2050' FWL

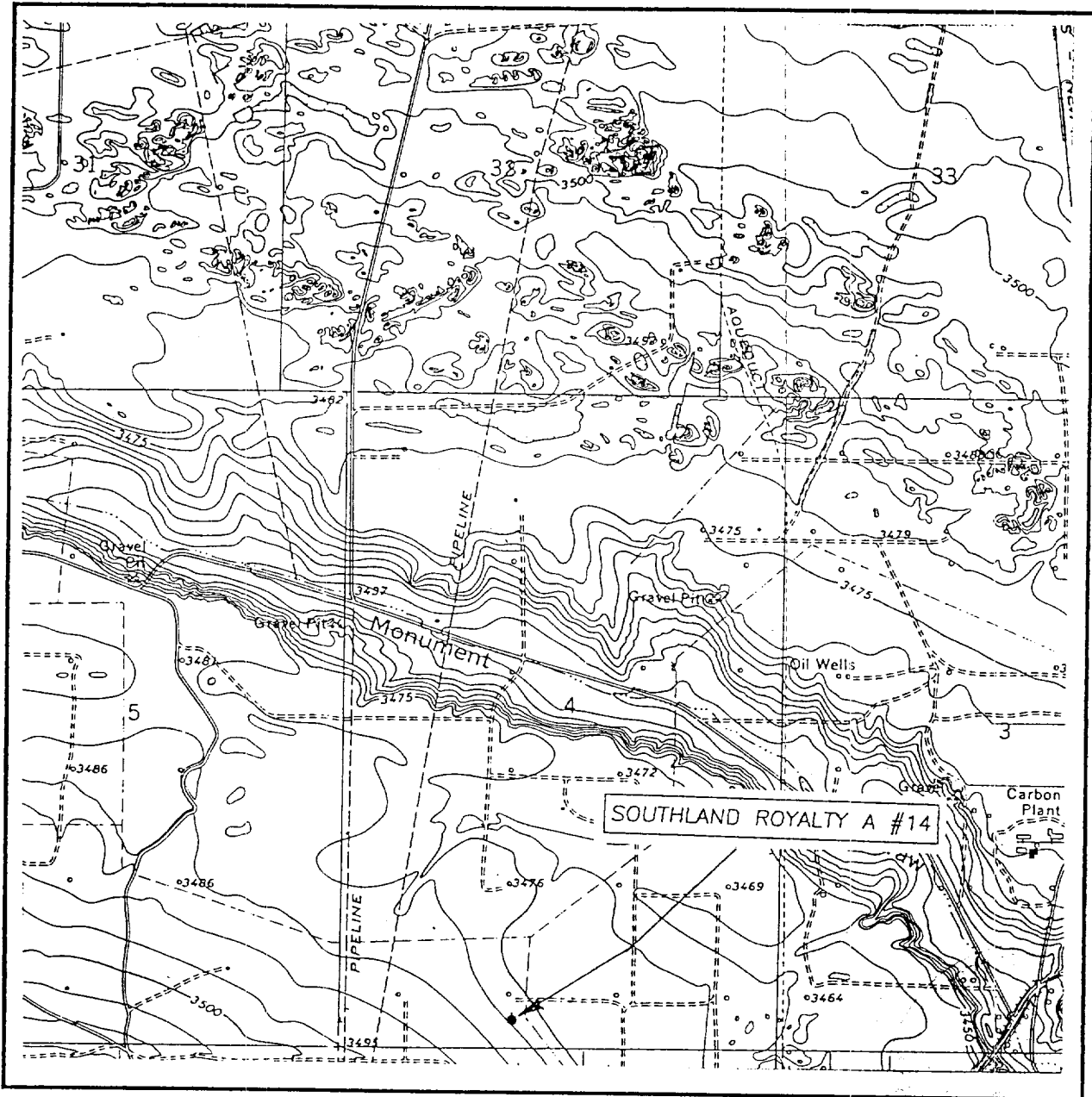
ELEVATION 3478

OPERATOR APACHE CORPORATION

LEASE SOUTHLAND ROYALTY A

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL: 5'

SEC. 4 TWP. 21-S RGE. 37-E

HOBBS SW

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330' FSL & 2050' FWL

ELEVATION 3478

OPERATOR APACHE CORPORATION

LEASE SOUTHLAND ROYALTY A

U.S.G.S. TOPOGRAPHIC MAP

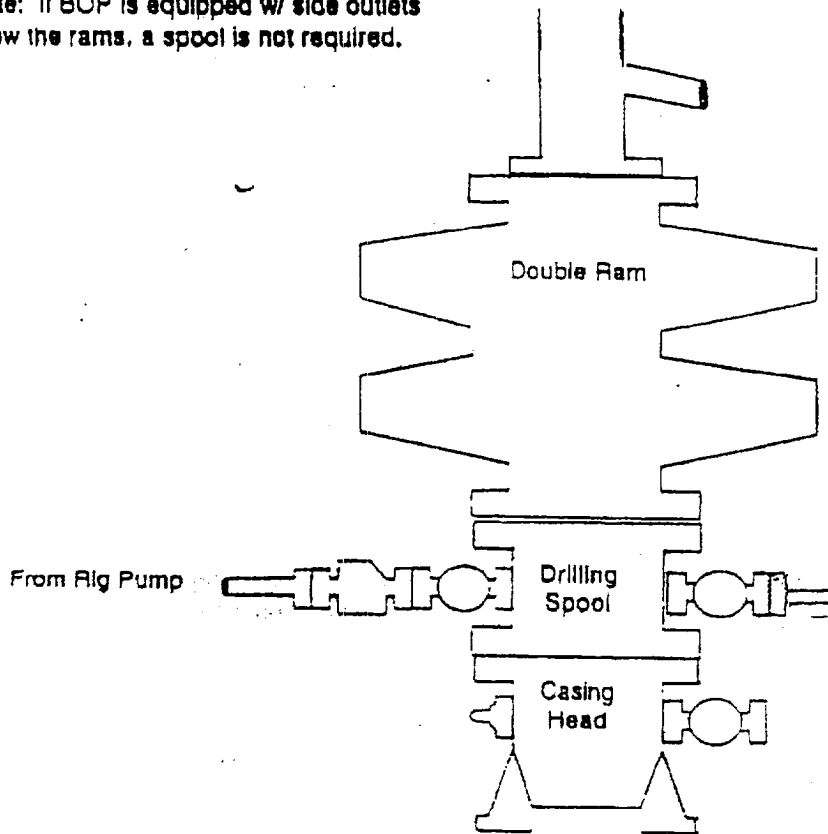
HOBBS SW

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

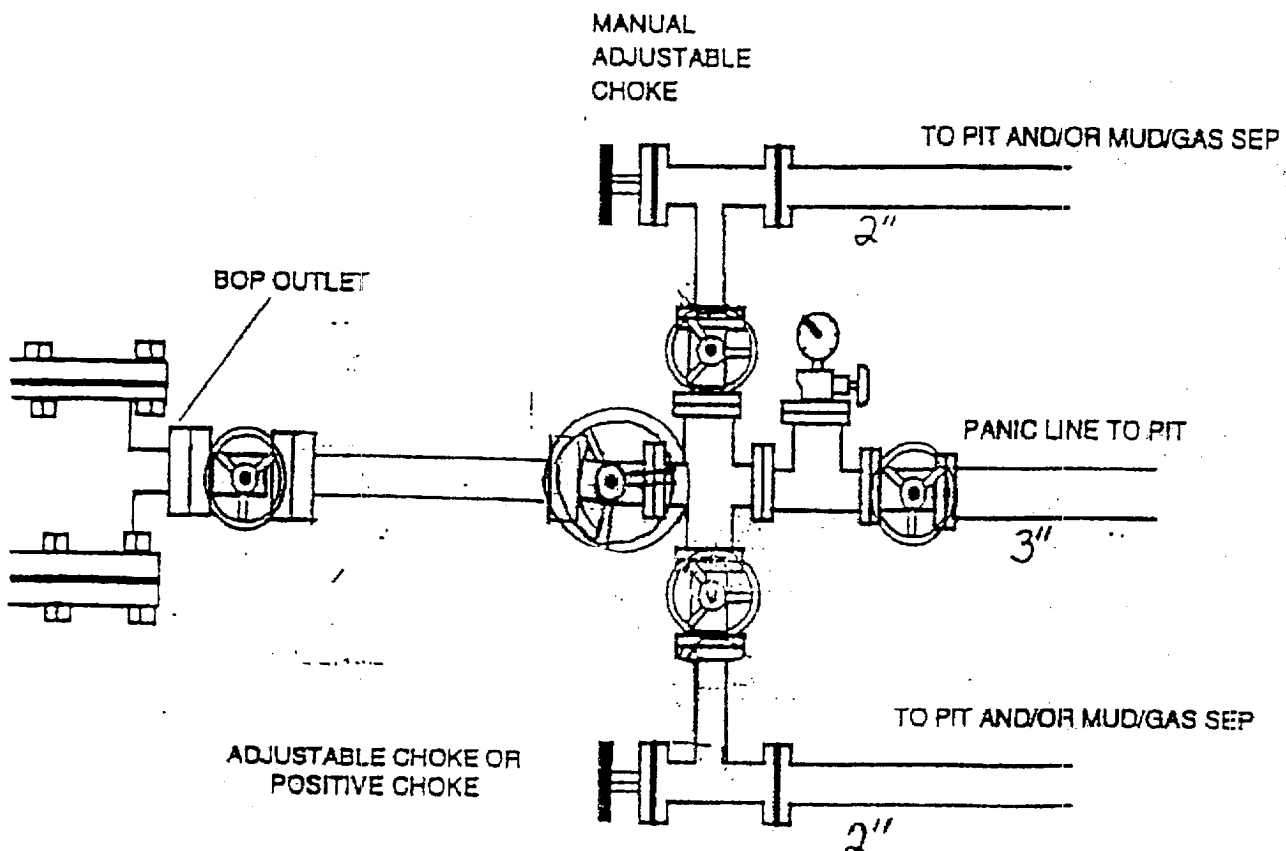
BOP Schematic

*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
6-5/8" surface casing.



Choke Manifold Schematic



ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

ELF 6/18/02