

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 22503 48312101	5 Property Name N. E. D. U.	3 API Number 30-025- 35903
		6 Well No. 145

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
6/F	2	21S	37E		1980'	NORTH	1850'	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 Eunice Blinbry-Tubb-Drinkard, North					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 3520'
16 Multiple	17 Proposed Depth 6650'	18 Formation Blinbry & Drinkard	19 Contractor Capstar	20 Spud Date 9/11/2002

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#	1300' or anhydrite	585 sxs	Surf
7-7/8"	5-1/2"	17#	6,650'	477 sxs Cl "C" + 360 sxs 50:50 Poz	500' above 8-5/8" shoe

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 1300' or 50' into anhydrite, run & set 1300' of 8-5/8" casing and cement, circulating cement to surface

Lead: 400 sxs Class "C" + 2% bwow Calcium Chloride + additives

Tail: 185 sxs Class "C" + 2% bwow Calcium Chloride + additives

Drill 7-7/8" hole to 6,650', run & set 6,650' of 5-1/2" casing and cement (caliper volume + 20%) circulate cement to surface

Lead: 477 sxs 35:65 Poz (fly ash) Class "C" + 2% bwow Calcium Chloride + additives

Tail: 360 sxs 50:50 Poz (fly ash) Class "H" + 2% bwow Sodium Chloride + additives

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>Gary L. Poulain</i>		Approved by: ORIGINAL SIGNED BY PAUL F. KAUTZ	
Printed Name: Gary L. Poulain		Title: PETROLEUM ENGINEER	
Title: Sr. Staff Drilling Engineer		Approval Date: MAY 08 2002 Expiration Date:	
Date: 4/11/2002	Phone: 918/491-4803	Conditions of Approval: Attached ☐	

Permit Expires 1 Year From Approval Date Unless Drilling Underway

8 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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-35903	Pool Code 22900	Pool Name EUNICE BLINEBRY-TUBB-DRINKARD, NORTH
Property Code 1831210122503	Property Name N.E.D.U.	Well Number 145
OGRID No. 000873	Operator Name APACHE CORPORATION	Elevation 3496'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
6/F	2	21-S	37-E		1980	NORTH	1850	WEST	LEA

Bottom Hole Location If Different From Surface

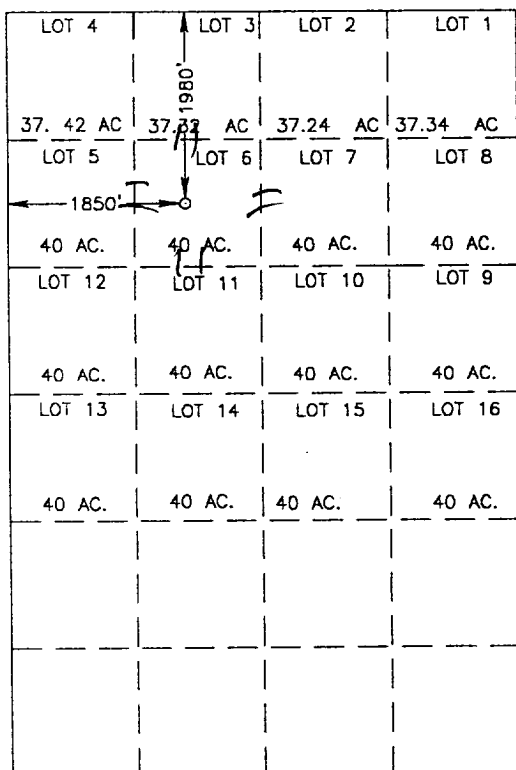
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40 20 ACRES	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

GEODETTIC COORDINATES

NAD 27 NME
Y = 553755.7
X = 869109.6
LAT= 32°31'00.06"N
LONG= 103°08'09.28"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.

Harold Swain
Signature

Harold Swain
Printed Name

Drilling Foreman
Title

May 1, 2002
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 18, 2002

Date Surveyed
Signature & Seal of Professional Surveyor
AWB

Ronald G. Edson
RONALD G. EDSON
4/23/02
02.11.0308

Certificate No. RONALD G. EDSON 3239
GARY EDSON 12641

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
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DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

OIL CONSERVATION DIVISION

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

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1000 Rio Brazos Rd., Aztec, NM 87410

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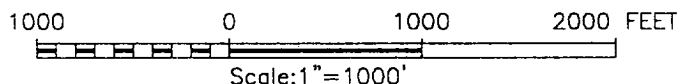
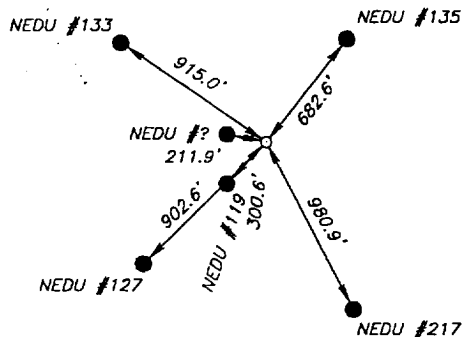
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
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GEODETTIC COORDINATES

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X = 869109.6
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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

May 1, 2002
Date

SURVEYOR CERTIFICATION

I hereby certify that the well location shown
on this plat was plotted from field notes of
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APRIL 18, 2002

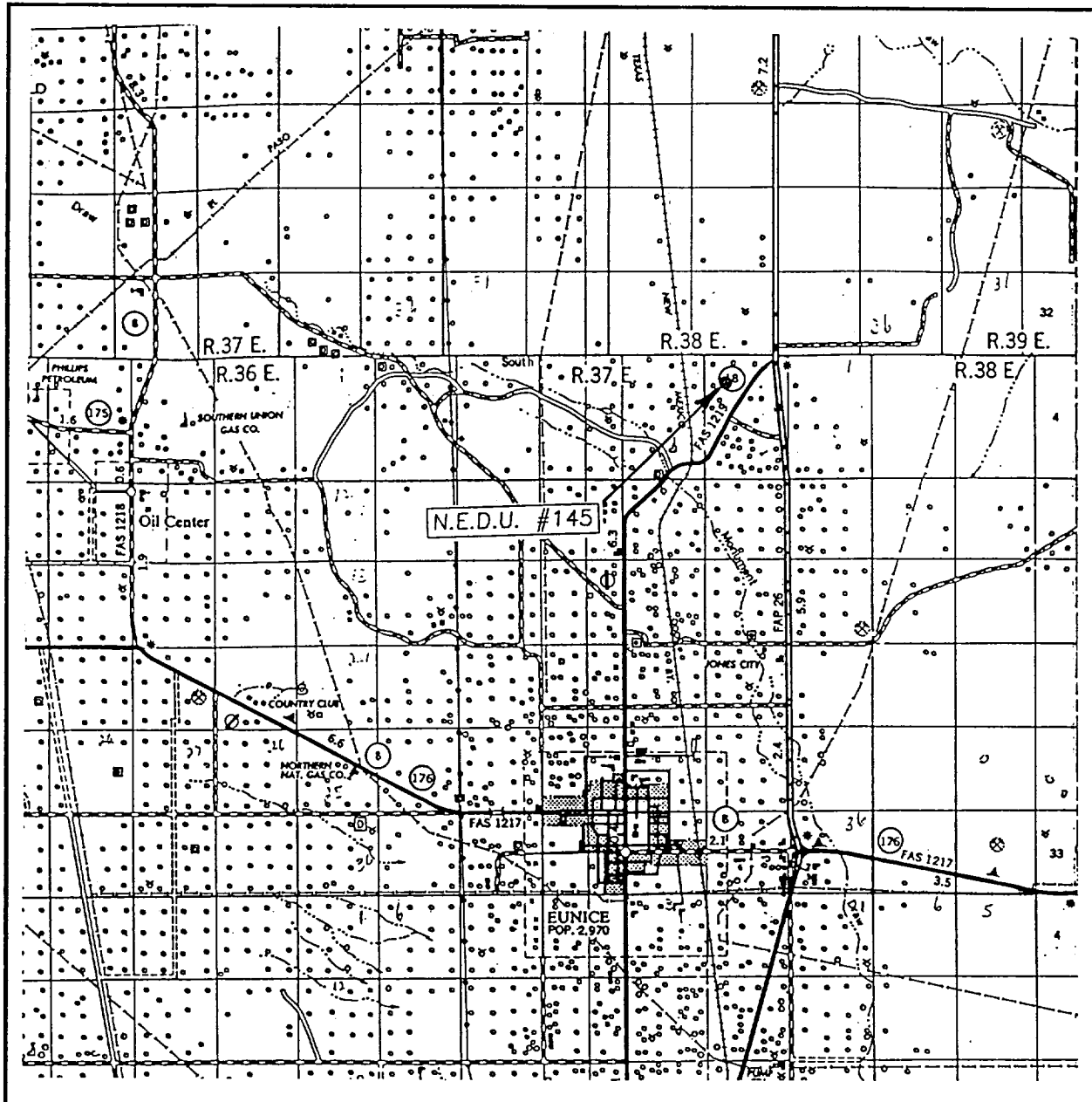
Date Surveyed AWB

Signature & Seal of
Professional Surveyor

02.11.0308

Certificate No. RONALD J. EIDSON 3239
GARY EIDSON 12641

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 2 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980' FNL & 1850' FWL

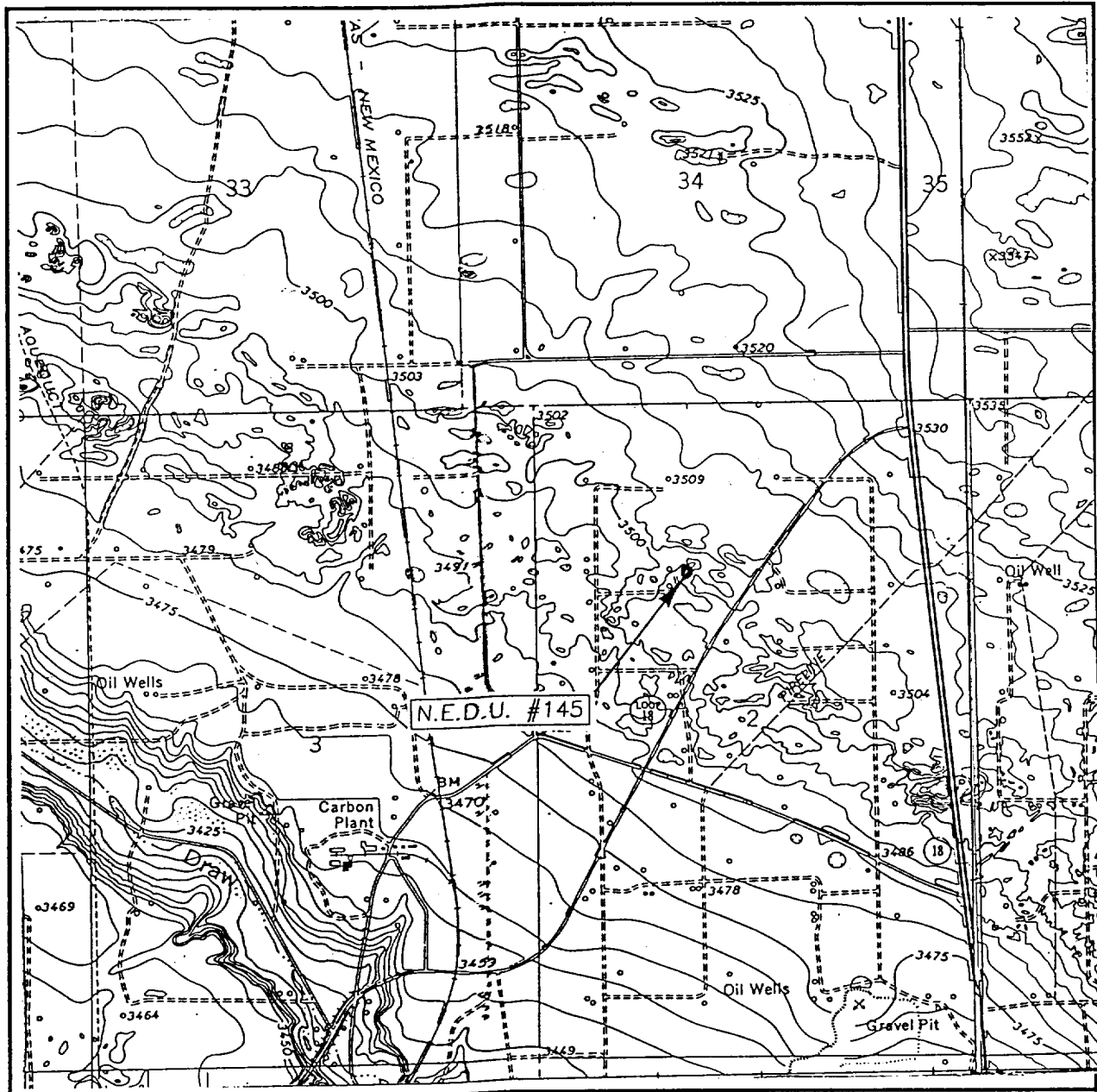
ELEVATION 3496

OPERATOR APACHE CORPORATION

LEASE N.E.D.U.

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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

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

SEC. 2 TWP. 21-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 1980' FNL & 1850' FWL

ELEVATION 3496

OPERATOR APACHE CORPORATION

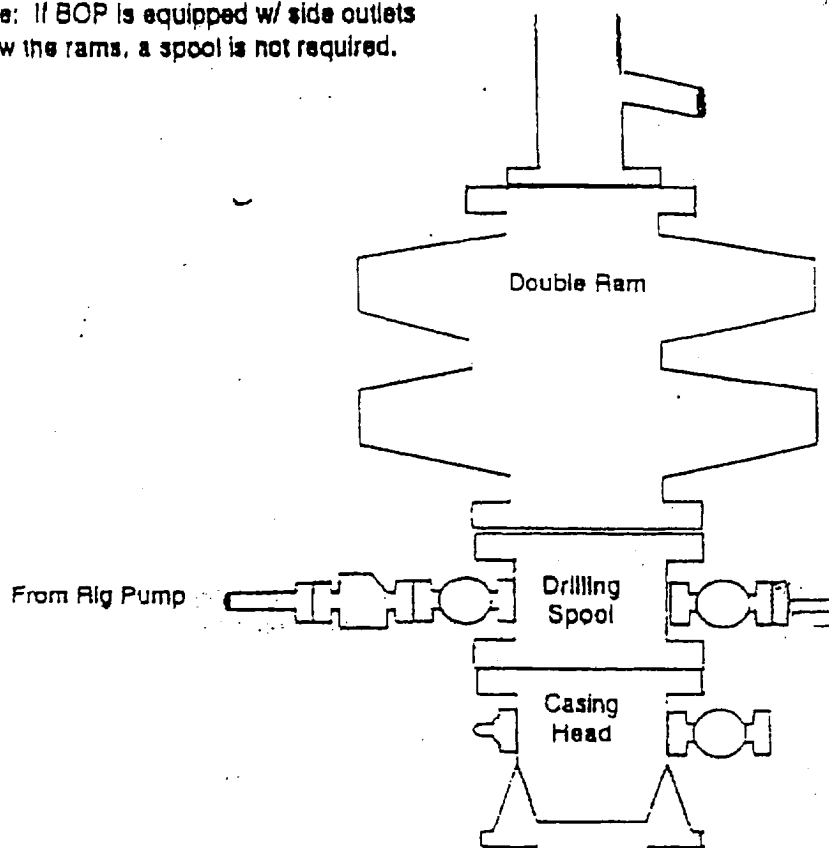
LEASE N.E.D.U.

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

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

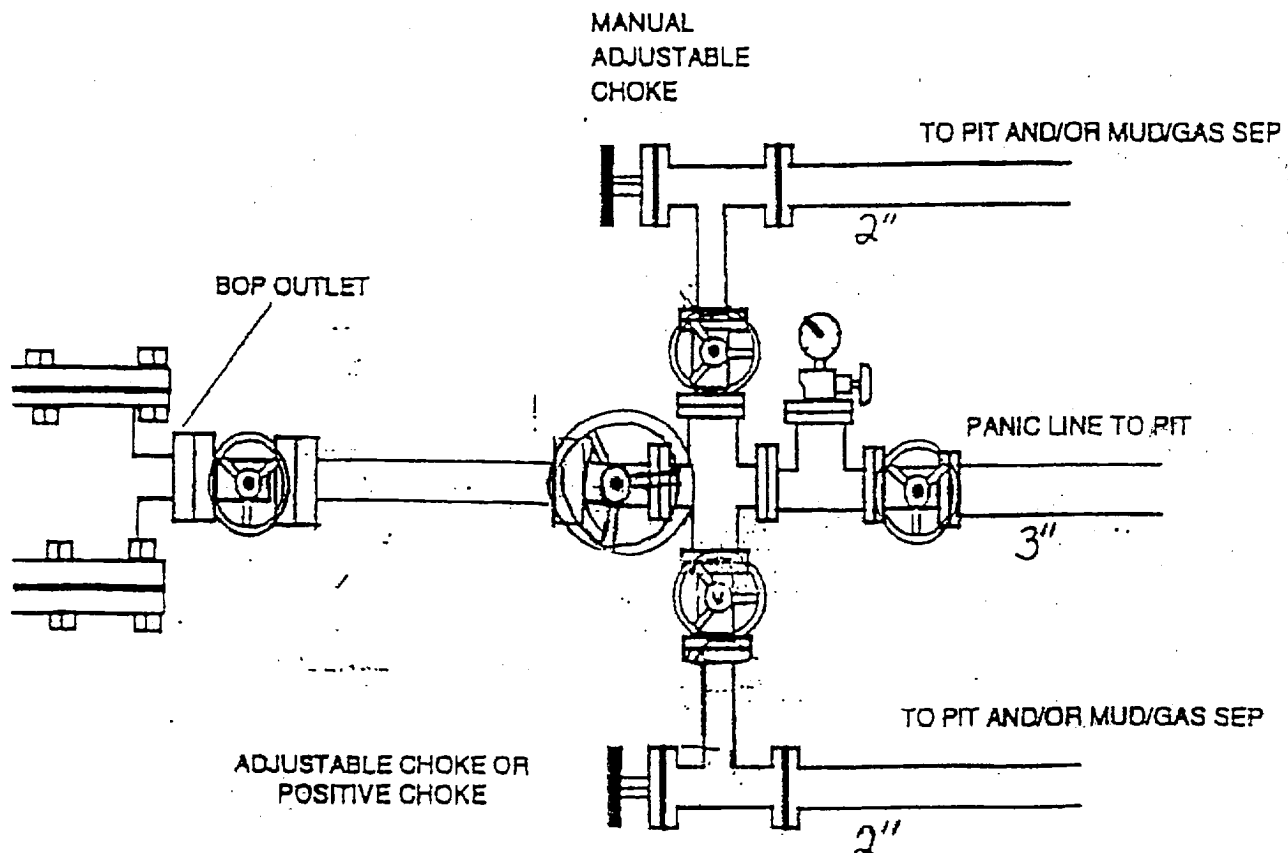
BOP Schematic

*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
8-8/8" surface casing.

Choke Manifold Schematic



ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LO
WILL BE RELEASED

ELF
9/18/02