

State of New Mexico  
Energy, Minerals & Natural Resources

Form C-101  
Revised March 17, 1999

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. 1st Street, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division

1220 S. St. Francis Dr.

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

<sup>1</sup> Operator Name and Address Phillips Petroleum Company 5525 Highway 64, NBU 3004		<sup>2</sup> OGRID Number 017654
<sup>4</sup> Property Code 009260	<sup>5</sup> Property Name San Juan 32-7 Unit	<sup>3</sup> API Number 30- 045- 30956
		<sup>6</sup> Well No. 24M

<sup>7</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
C	21	32N	7W		860'	North	1590'	West	San Juan

<sup>8</sup> 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
C									

<sup>9</sup> Proposed Pool 1 Blanco Mesaverde 72319	<sup>10</sup> Proposed Pool 2 S. Los Pinos Fruitland Sands Pictured Cliffs-80690
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<sup>11</sup> Work Type Code N	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code Fee	<sup>15</sup> Ground Level Elevation 6348'
<sup>16</sup> Multiple Y	<sup>17</sup> Proposed Depth 5926'	<sup>18</sup> Formation MV	<sup>19</sup> Contractor Key Energy	<sup>20</sup> Spud Date April 24, 2002

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12-1/4"	9-5/8"	32.3#, J/K-55	*320'	197.7 sx	Surface
8-3/4"	7"	20, J/K-55	3583'	L-448.2 sx	
				T-50 sx	Surface
6-1/4"	4-1/2"	11.6# J-55	5926'	L-160.5 sx	**
				T-20 sx	

<sup>22</sup> 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.

\* The surface casing will be set at a minimum of 320', but could be set deeper if required to maintain hole stability.

\*\* The Production String casing cement is designed to cover openhole section with 50% excess and 100' inside the 7" shoe.

The BOP diagram is attached. There will be a cathodic protection groundbed on location also.

*Provide Cathodic Well info*

<sup>23</sup> 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>Patsy Clugston</i>		Approved by: <i>[Signature]</i>	
Printed name: Patsy Clugston		Title: <i>SENIOR OIL &amp; GAS INSPECTOR, DIST. 43</i>	
Title: Regulatory Assistant		Approval Date: DEC 28 2001	
Date: 12/26/01	Phone: 505-599-3454	Expiration Date: DEC 28 2002	
		Conditions of Approval:	
		Attached <input type="checkbox"/>	

District I  
PO 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-102  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
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Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-045-30956		<sup>2</sup> Pool Code 80690		<sup>3</sup> Pool Name So. Los Pinos Fruitland Sands, Pictured Cliffs	
<sup>4</sup> Property Code 009260		<sup>5</sup> Property Name SAN JUAN 32-7 UNIT			<sup>6</sup> Well Number 24M
<sup>7</sup> OGRID No. 017654		<sup>8</sup> Operator Name PHILLIPS PETROLEUM COMPANY			<sup>9</sup> Elevation 6348

<sup>10</sup> Surface Location

UL or lot no. C	Section 21	Township 32N	Range 7W	Lot Idn	Feet from the 860	North/South line NORTH	Feet from the 1590	East/West line WEST	County SAN JUAN
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no. C	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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<sup>12</sup> Dedicated Acres 160 NW/4	<sup>13</sup> Joint or Infill Y	<sup>14</sup> Consolidation Code C	<sup>15</sup> 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

16 2660.46' 1590'	N89°44'W 860'	5299.84'	1	6011.28'	<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  <i>Patsy Clugston</i> Signature Patsy Clugston Printed Name Sr. Regulatory/Proration Clerk Title 11/28/01 Date
NM-2995 N00°59'E	FEE 160.0 acres	2	2		
2630.10'	Section 21 DEC 2001				
N00°37'E	N81°50'W	5278.68'		600°45'E	<sup>18</sup> 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.  Date of Survey 11/26/01 Signature and Seal of Professional Surveyor <i>[Signature]</i> REGISTERED PROFESSIONAL SURVEYOR Certificate Number

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WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30065-30956		<sup>2</sup> Pool Code 72319	<sup>3</sup> Pool Name Blanco Mesaverde	
<sup>4</sup> Property Code 009260	<sup>5</sup> Property Name SAN JUAN 32-7 UNIT			<sup>6</sup> Well Number 24M
<sup>7</sup> OGRID No. 017654	<sup>8</sup> Operator Name PHILLIPS PETROLEUM COMPANY			<sup>9</sup> Elevation 6348

<sup>10</sup> Surface Location

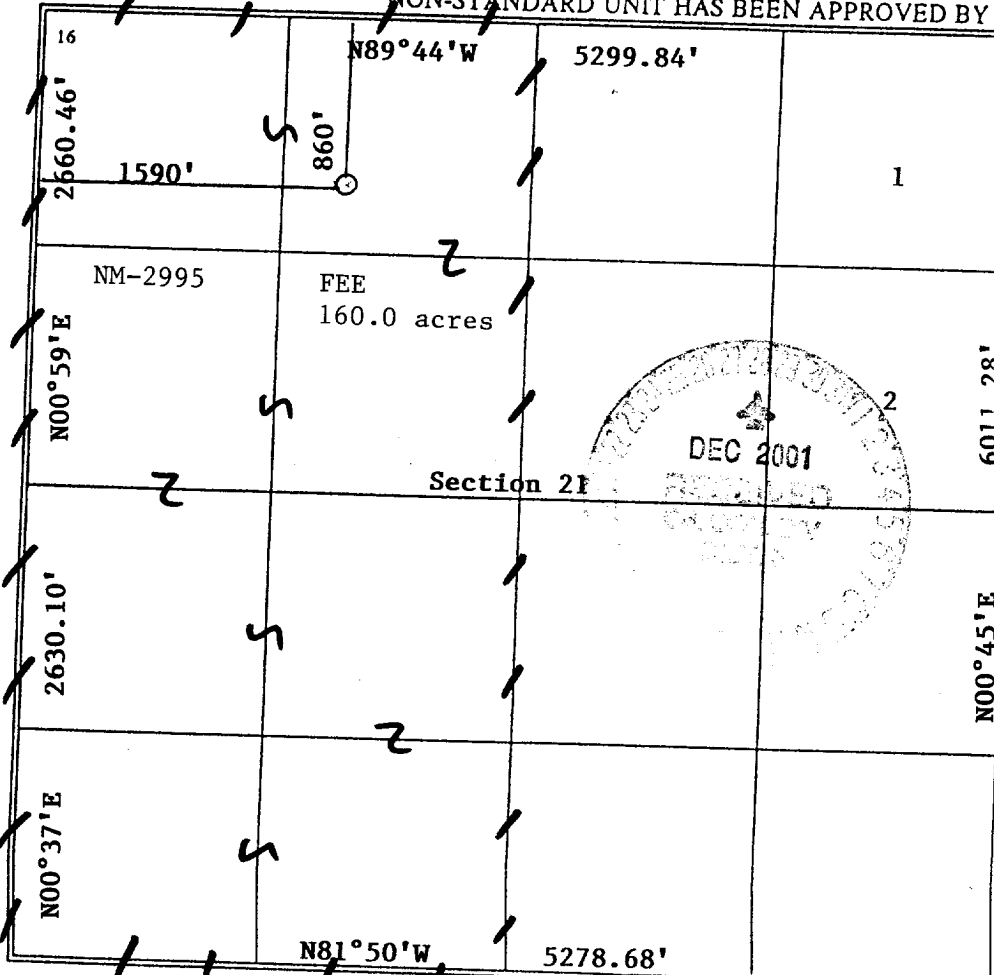
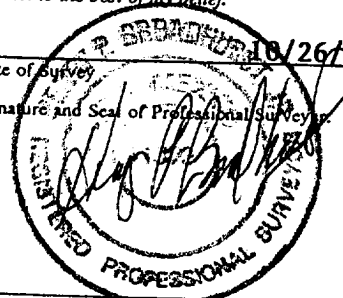
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	21	32N	7W		860	NORTH	1590	WEST	SAN JUAN

<sup>11</sup> Bottom Hole Location If Different From Surface

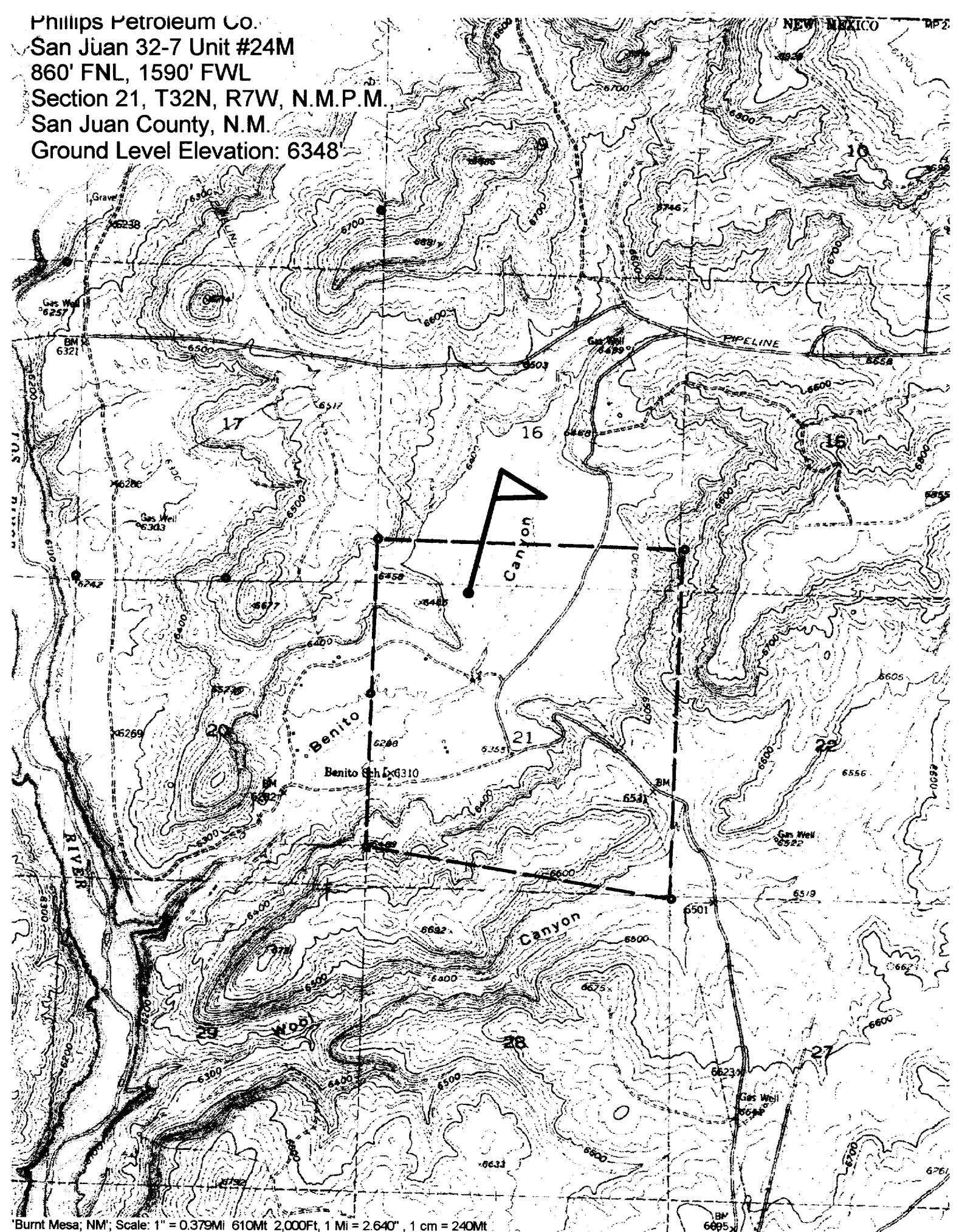
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C									

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
320 W/2	Y	C	

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

		<p><sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Patsy Clugston</i> Signature Patsy Clugston Printed Name Sr. Regulatory/Proration Clerk Title 11/28/01 Date</p>
		<p><sup>18</sup> 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.</p> <p>DEC 18/26/01 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number</p>

Phillips Petroleum Co.  
San Juan 32-7 Unit #24M  
860' FNL, 1590' FWL  
Section 21, T32N, R7W, N.M.P.M.,  
San Juan County, N.M.  
Ground Level Elevation: 6348'



# ATTACHMENT 1

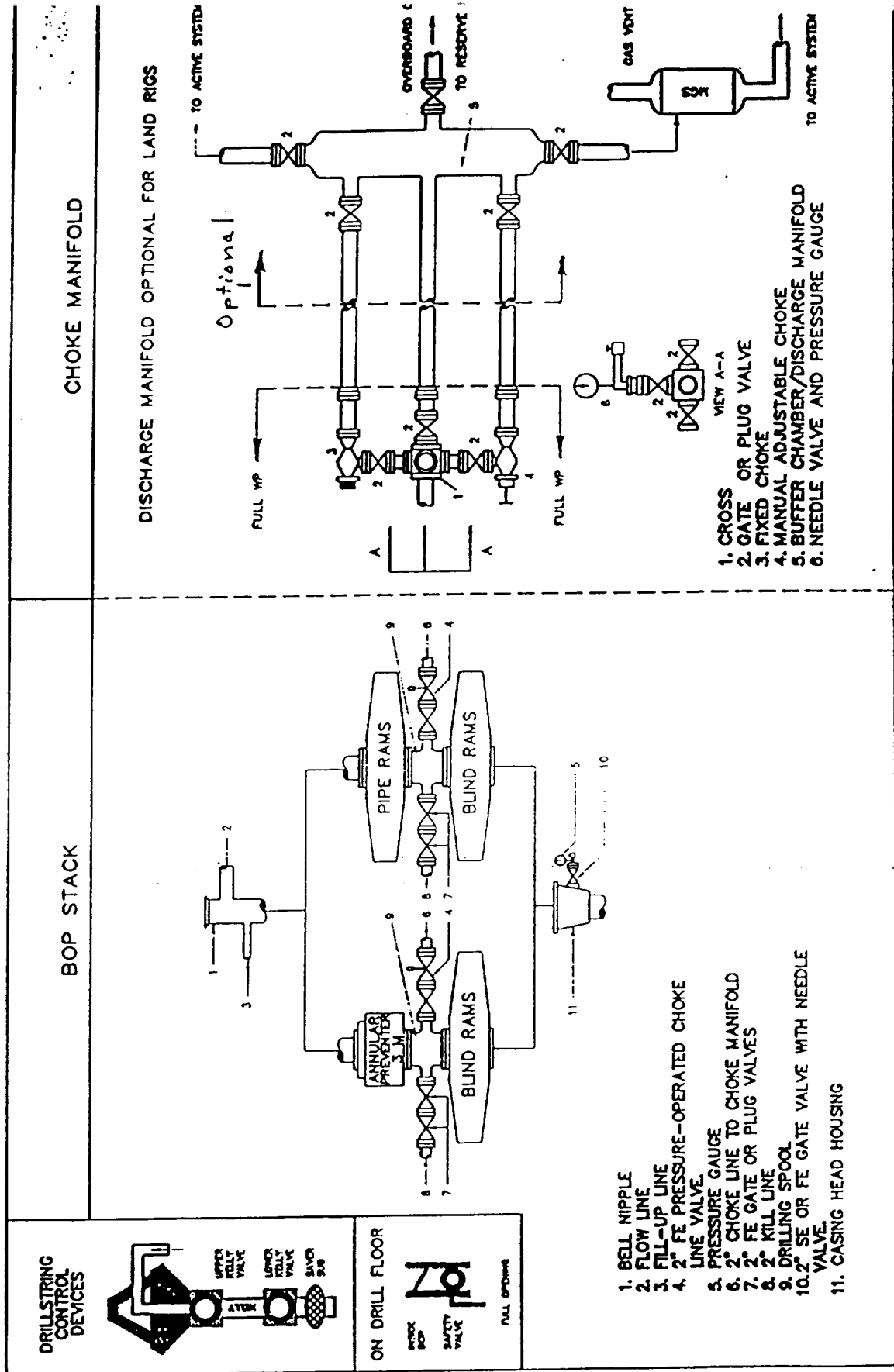


Fig. 2.4. Class 2 BOP and Choke Manifold.