

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  
2040 South Pacheco, Santa Fe, NM 87501

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
PO BOX 2088  
Santa Fe, NM 87504-2088

Form C-101

Revised March 17, 1999

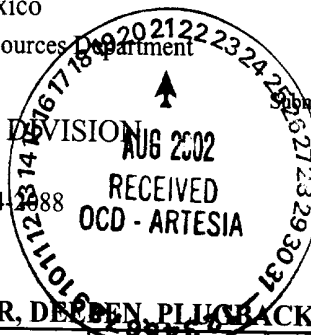
Instructions on back

Submit to appropriate District Office

State Lease - 6 Copies

Fee Lease - 5 Copies

☐ AMENDED REPORT



**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUG BACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210		<sup>2</sup> OGRID Number 025575
		<sup>3</sup> API Number 30- 025-30728
<sup>4</sup> Property Code 30426	<sup>5</sup> Property Name Calfrope State Unit	<sup>6</sup> Well No. 1

**<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
L	28	15S	34E		2068	South	610	West	Lea

**<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
<sup>9</sup> Proposed Pool 1 Wildcat Mississippian					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code E	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 4095.5'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 14,000'	<sup>18</sup> Formation Mississippian	<sup>19</sup> Contractor Not Determined	<sup>20</sup> Spud Date ASAP

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

Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42#	450'-in place	500 sx	Circulated
11"	8 5/8"	24# & 32#	4642'-in place	780 sx	TOC 50'
7 7/8"	5 1/2"	17# & 20#	14,000'	800 sx	TOC-9300'

<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.

See Attached Sheet. Non-Standard Location is being administratively applied for.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway

Re-Entry

030  
03004  
07/01/02  
2002

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Clifton R. May</i>		<b>OIL CONSERVATION DIVISION</b> ORIGINAL SIGNED BY	
Printed name: Clifton R. May		Approved by: PAUL F. KAUTZ PETROLEUM ENGINEER	
Title: Regulatory Agent		Title:	
Date: 08/21/02	Phone: (505) 748-1471	Approval Date: SEP 30 2002	Expiration Date:
		Conditions of Approval Attached <input type="checkbox"/>	

# **YATES PETROLEUM CORPORATION**

**Calfrope State Unit #1 Re-entry**

**2068' FSL & 610' FWL**

**Section 28-T15S-R34E**

**Lea County, New Mexico**

**Lease V-6100**

**Drilling Plans:** Yates Petroleum Corporation plans to re-enter this well bore that was originally drilled by Chevron USA Inc. which was plugged in 1990. Yates will use a drilling rig to drill out the cement plugs using a 7 7/8" bit in the 8 5/8" casing and the plugs in the 7 7/8" open hole will be drilled out to the original TD of 11,650'. Then the well bore will be drilled deeper to a new TD of 12,000'. After reaching the new TD, a new suite of open hole logs will be ran. Yates will run 5 1/2" production casing to TD and will be cemented with approximately 800 sacks of cement to bring the cement top up to 9,300'+/-. The mud program to be used will be 9.5-10 ppg salt gel with a 45 viscosity adjusted as needed for hole conditions. A 5000# BOPE will be installed on the 8 5/8" casing.

**The well will be completed using a pulling unit. The Morrow or Atoka formation will be the main target for completion.**

**1625 N. French Dr., Hobbs, NM 88240**

**811 South First, Artesia, NM 88210**

1000 Rio Brazos Rd., Aztec, NM 87410

**1220 S. St. Francis Dr., Santa Fe, NM 87505**

State of New Mexico

Energy, Minerals &amp; Natural Resources Department

Form C-102

Revised August 15, 2000

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

**Submit to Appropriate District Office**

State Lease - 4 Copies

Fee Lease - 3 Copies

AMENDED REPORT

## WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-30728</b>		<sup>2</sup> Pool Code <b>L</b>	<sup>3</sup> Pool Name <b>Wildcat Mississippian</b>	
<sup>4</sup> Property Code <b>30426</b>	<sup>5</sup> Property Name <b>CALFROPE STATE UNIT</b>			<sup>6</sup> Well Number <b>1</b>
<sup>7</sup> OGRID No. <b>025575</b>	<sup>8</sup> Operator Name <b>Yates Petroleum Corporation</b>			<sup>9</sup> Elevation <b>4095.5'</b>

### <sup>10</sup> Surface Location

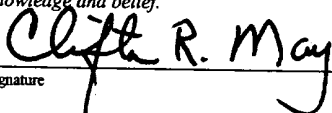
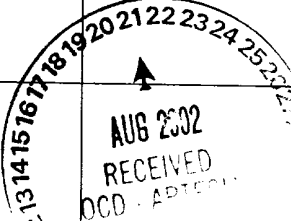
Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	28	15S	34E		2068	South	610	West	Lea

## 11 Bottom Hole Location If Different From Surface

[illegible]

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No. B-11839
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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

NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION			
V-6100	FEE		<div>17 OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</div> <div></div> <div>Signature</div> <div>Clifton R. May</div> <div>Printed Name</div> <div>Regulatory Agent</div> <div>Title</div> <div>8/20/2002</div> <div>Date</div>
			<div>18 SURVEYOR CERTIFICATION</div> <div>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.</div> <div>REFER TO ORIGINAL PLAT</div> <div>Date of Survey</div> <div>Signature and Seal of Professional Surveyor:</div> <div></div> <div>Certificate Number</div>
610'		<div></div>	
2068'			

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

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

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator <b>Chevron USA, Inc.</b>			Lease <b>28</b>		Well No. <b>1</b>
Unit Letter <b>L</b>	Section <b>28</b>	Township <b>15 South</b>	Range <b>34 East</b>	County <b>Lea</b>	
Actual Footage Location of Well: <b>2068</b> feet from the <b>South</b> line and <b>610</b> feet from the <b>West</b> line					
Ground level Elev. <b>4095.5</b>	Producing Formation <b>Wildcat STRAWN</b>		Pool <b>Wildcat</b>	Dedicated Acreage: <b>40</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_  
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_  
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

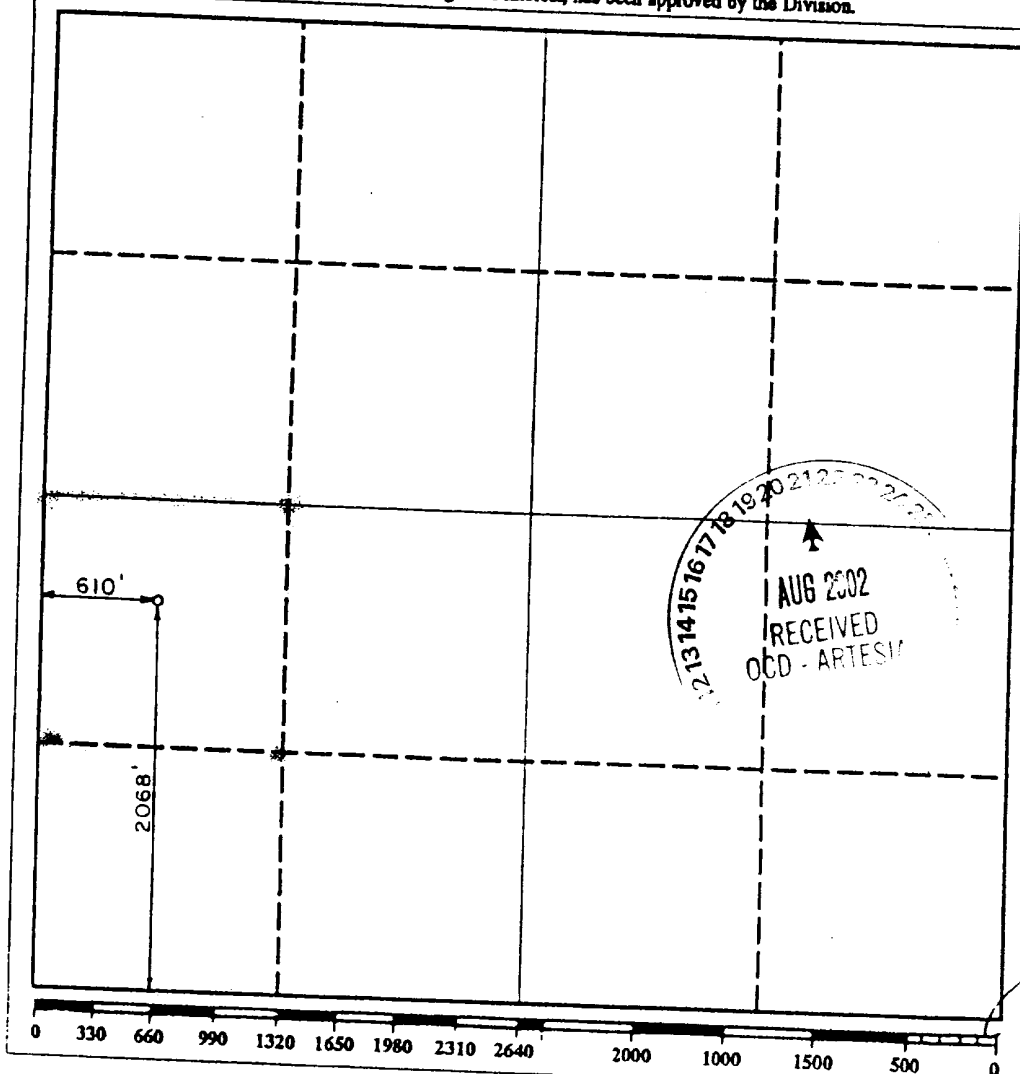
Signature  
*M. E. Akins*  
Printed Name  
**M.E. Akins**  
Position  
**Staff Drlg. Engr.**  
Company  
**Chevron U.S.A. Inc.**  
Date  
**11/3/89**

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 knowledge and belief.

Date Surveyed  
**October 13, 1989**  
Signature & Seal of  
Professional Surveyor

REGISTERED PROFESSIONAL SURVEYOR  
NEW MEXICO  
JOHN W. WEST  
Certified to: JOHN W. WEST 578  
RONALD J. EIDSON 3230



Chevron U.S.A. Inc.

Spud Date: 12-12-89

D&A Date: 1-27-90

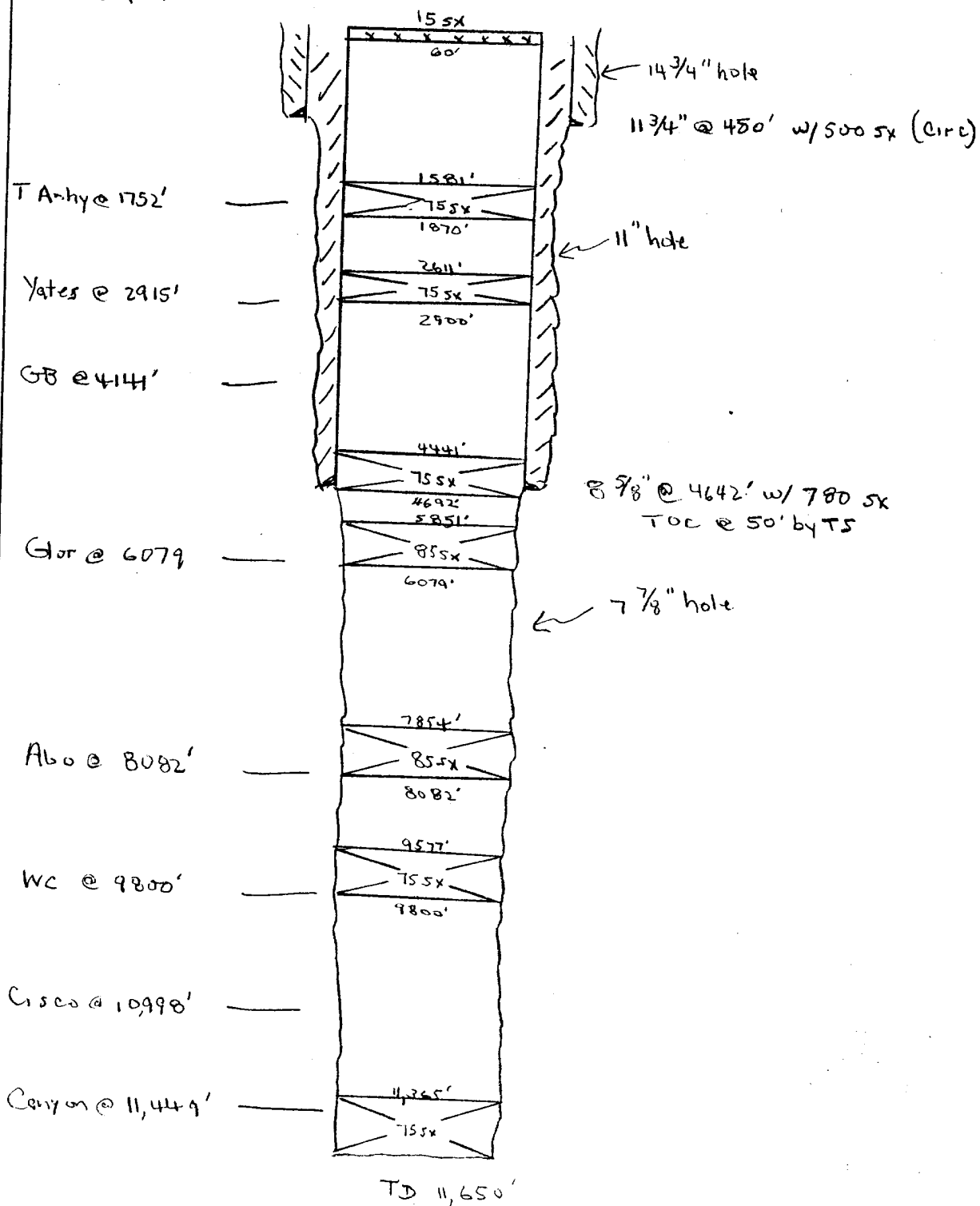
GL 4096'

Chevron 28 Lease #1

2068' FSL & 610' FWL

Sec. 28, T. 15 S., R. 34 E.

22-141 50 SHEETS  
22-142 100 SHEETS  
22-144 200 SHEETS



BEFORE

7-17-02

RAVS

Cherron USA, Inc.  
 Spud 12-12-89  
 TD on 1-24-90  
 GL 4096'

C., erron 28 State #1  
 2068' FSL & 610' FWL  
 Sec. 28, 155, 34E

Size	wt	Grd	Ply	Set
11 3/4"	42*		450'	450'
8 3/8"	32*			4642'
5 1/2"				TD

14 3/4" hole →  
 11 3/4" @ 450' w/ 300sx  
 (circ)

11" hole →

8 5/8" @ 4642' w/ 780sx  
 TOL @ 50' by T.S.

7 7/8" hole →

Max Dev - 2 3/4"  
 @ 9740'  
 & @ 10008'

GB @ 4141'

GI or @ 6079'

ABO @ 8082'

WE @ 9800'

Cisco @ 10998'

Canyon @ 11449'

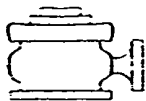
5 1/2" @ TD

TD +/- 14,000'

AFTER

22-141 50 SHEETS  
 22-142 100 SHEETS  
 22-144 200 SHEETS

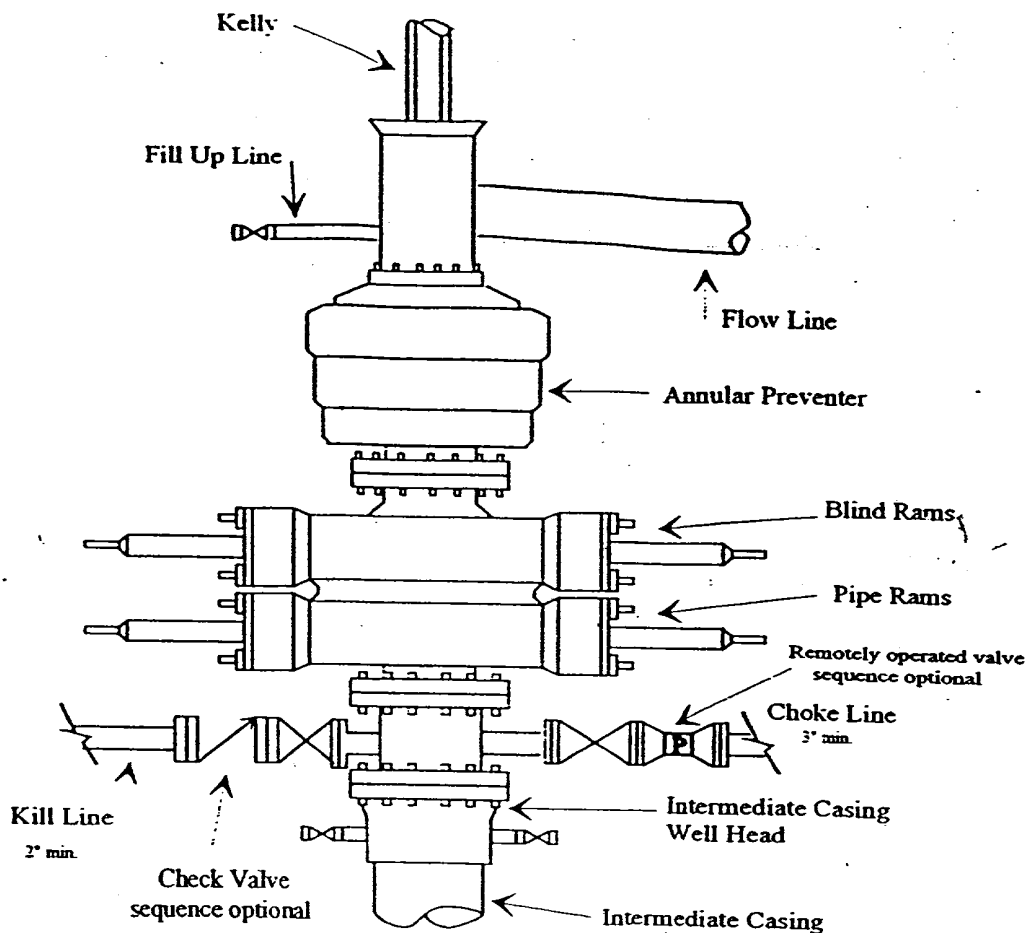




# Yates Petroleum Corporation

BOP-4

## Typical 5,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack



## Typical 5,000 psi choke manifold assembly with at least these minimum features

