

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

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-101
 Revised March 17, 1999
 Instructions on back
 Submit to appropriate District Office
 State Lease - 6 Copies
 Fee Lease - 5 Copies

DISTRICT II
 811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

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

PO BOX 2088
 Santa Fe, NM 87504-2088

DISTRICT IV
 2040 South Pacheco, Santa Fe, NM 87505

AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, New Mexico 88210		OGRID Number 025575
		API Number 30- 025-01838
Property Code 28062	Property Name Limbaugh "AYO" State	Well No. 1

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
E	12	12S	34E		1980	North	660	West	Lea

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 FOUR LAKES Wildcat Mississippian					¹⁰ Proposed Pool 2				

¹¹ Work Type Code E	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4138.4'
¹⁶ Multiple No	¹⁷ Proposed Depth 13,018'	¹⁸ Formation Mississippian	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP

Proposed Casing and Cement Program

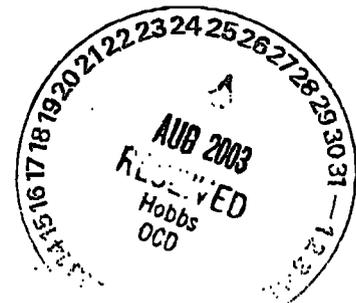
Hole Size	Casing Size	Casing weight/feet	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	389'-in place	325 sx	Circulate
12 1/4"	9 5/8"	36#	4307'-in place	1700 sx	Circulate
7 7/8"	5 1/2"	17# & 20#	0-13,018'	1000 sx	TOC-6000'

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 production. Describe the blowout prevention program, if any. Use additional sheets if necessary.

See Attached Sheet

Copy: GEOLOGY
 AL SPRINGER
 JEREMIAH
 PINSU
 JIM K
 TINA H
 WES/AARVE
 RON B

DIKE



OIL CONSERVATION DIVISION	
²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: Clifton R. May Printed name: Clifton R. May Title: Regulatory Agent Date: 08/25/03	Approved by: ORIGINAL SIGNED BY CHRIS WILLIAMS Title: OG DISTRICT SUPERVISOR/GENERAL MANAGER Approval Date: _____ Expiration Date: _____ Conditions of Approval Attached: AUG 26 2003
Phone: (505) 748-1471	

YATES PETROLEUM CORPORATION
Limbaugh "AYO" State #1
1980' FNL and 660' FWL
Section 12-T12S-R34E
Lea County, New Mexico
Lease Number V-5855

Drilling Information: Yates Petroleum Corporation plans to re-enter this well that was originally drilled by Neville G. Penrose and P&A on 3/29/57. Yates will re-enter this well using a pulling unit and a reverse unit to drill out the cement plugs in the 9 5/8" and those in the 8 3/4" open hole using a 7 7/8" bit to the original TD of 13,018'. A new suite of open hole logs will be run. If deemed to be commercial, a production string of 5 1/2" casing will be ran to TD & cemented to 6,000+-'. The mud program will be 9.2-9.5 ppg brine water with a 55-70 cp viscosity. A 5000# BOPE will be installed on the 9 5/8" casing.

The well will be completed using a pulling unit. After the 5 1/2" casing has been cemented and cased hole logs have been run, the well will be completed and tested in the Austin Cycle limestone zone in the interval from 12,100' to 12,200'. The zone to be perforated will be determined after the new open hole logs have been evaluated.

WELLNAME: State X-1 (Pentase) FIELD: Wildcat

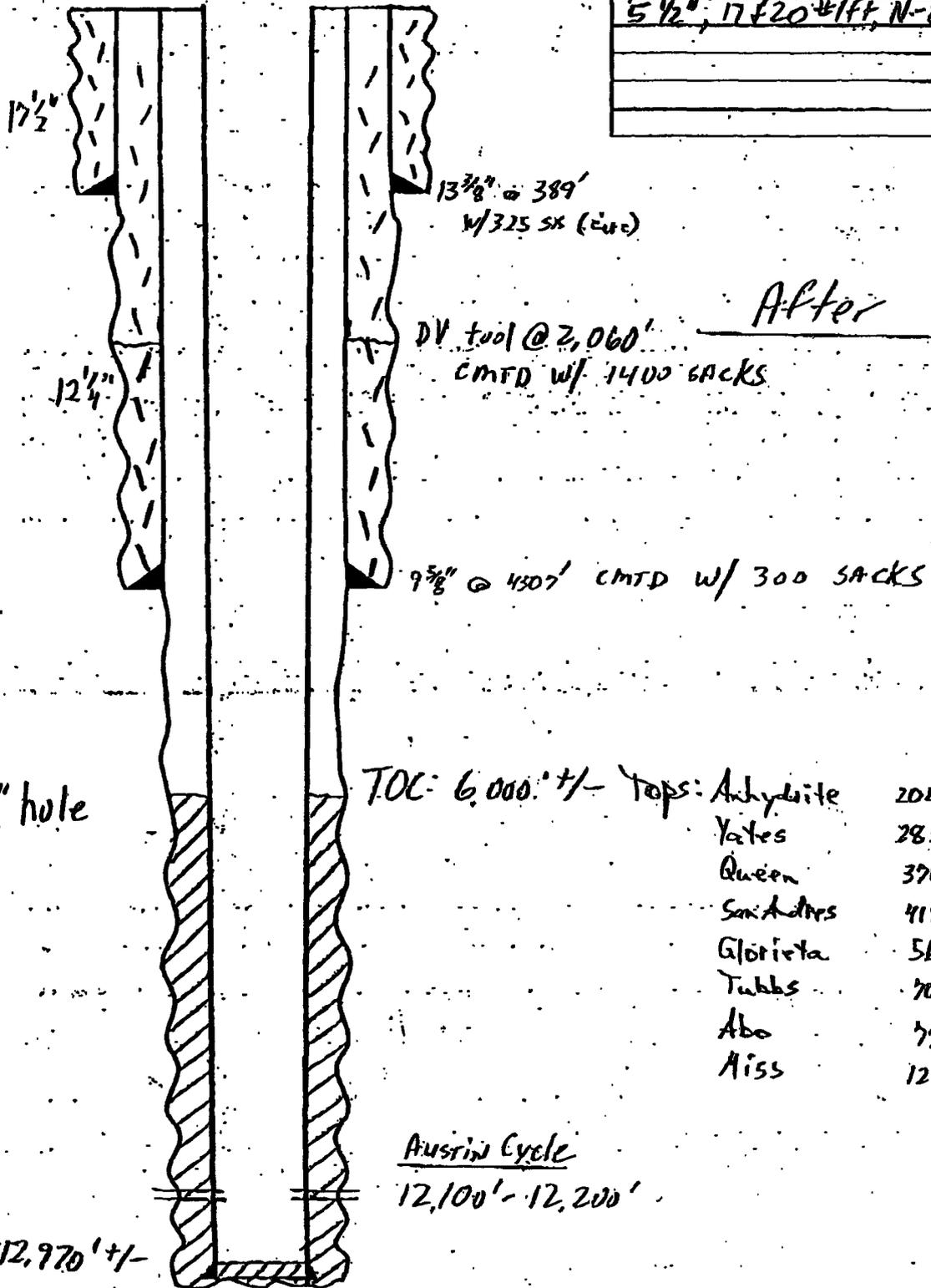
LOCATION: 1980' EW 4 660' EW F 12-12-34E Lea County

GL: 4,142' ZERO: _____ AGL: _____ KB: 4,151'

SPUD DATE: 11-11-57 COMPLETION DATE: 3-29-57

COMMENTS: NA

CASING PROGRAM	
SIZE/WT/GR/CONN	DEPTH SET
13 3/8" 48#	389'
9 5/8" 36# J-55 STJL	4307'
5 1/2" 17# 20#/ft N-80, LTJL	13,018'



After

8 3/4" hole

- TOC: 6,000' +/-
- Tops: Anhydrite 2064'
 - Yates 2833'
 - Queen 3704'
 - San Andres 4184'
 - Glorietta 5615'
 - Tubbs 7030'
 - Abo 7795'
 - Miss 12375'

Austin Cycle
12,100' - 12,200'

PBTD: 12,970' +/-

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1225 E. French Dr., El Paso, NM 88240

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1608 Rio Grande Rd., Aztec, NM 87410

DISTRICT IV
2245 South Pueblo, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999
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Fee License - 2 Copies

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-01838	Pool Code	Pool Name Wildcat Mississippian
Property Code	Property Name Linbaugh "AYO" State	Well Number 1
OCRD No. 025575	Operator Name Yates Petroleum Corporation	Elevation 4138.4'

Surface Location

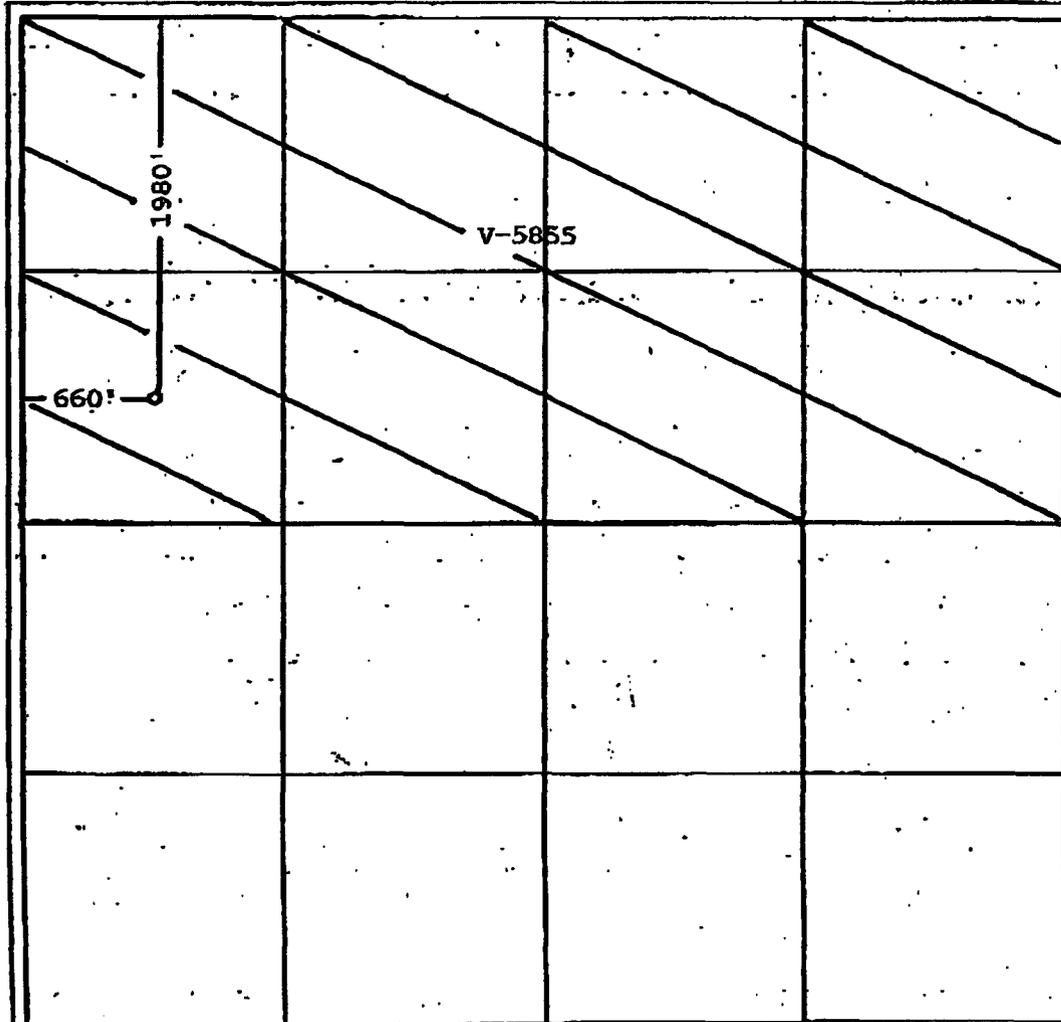
UL or lot No.	Section	Township	Range	Lot No.	Feet from the	North/South line	Feet from the	East/West line	County
E	12	12S	34E		1980	North	660	West	Lea

Bottom Hole Location If Different From Surface

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

Dedicated Acres 320	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 that the information contained herein is true and complete to the best of my knowledge and belief.

Clifton R. May
Signature

Clifton R. May
Printed Name

Regulatory Agent
Title

May 24, 2001
Date

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.

Refer to original plat

Date Surveyed
Signature & Seal of
Professional Surveyor

Certificate No. Hatched L. Jones RLS 3640

GENERAL SURVEYING COMPANY



NEW MEXICO OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Production Plat

Date 11-2-56

Operator N.G. PENROSE INCORP F.F.J. DANGLADE Lease STATE 1955 NOV 7 M 2 S 57

Well No. 1 Section 12 Township 12 SOUTH Range 34 EAST NMPM

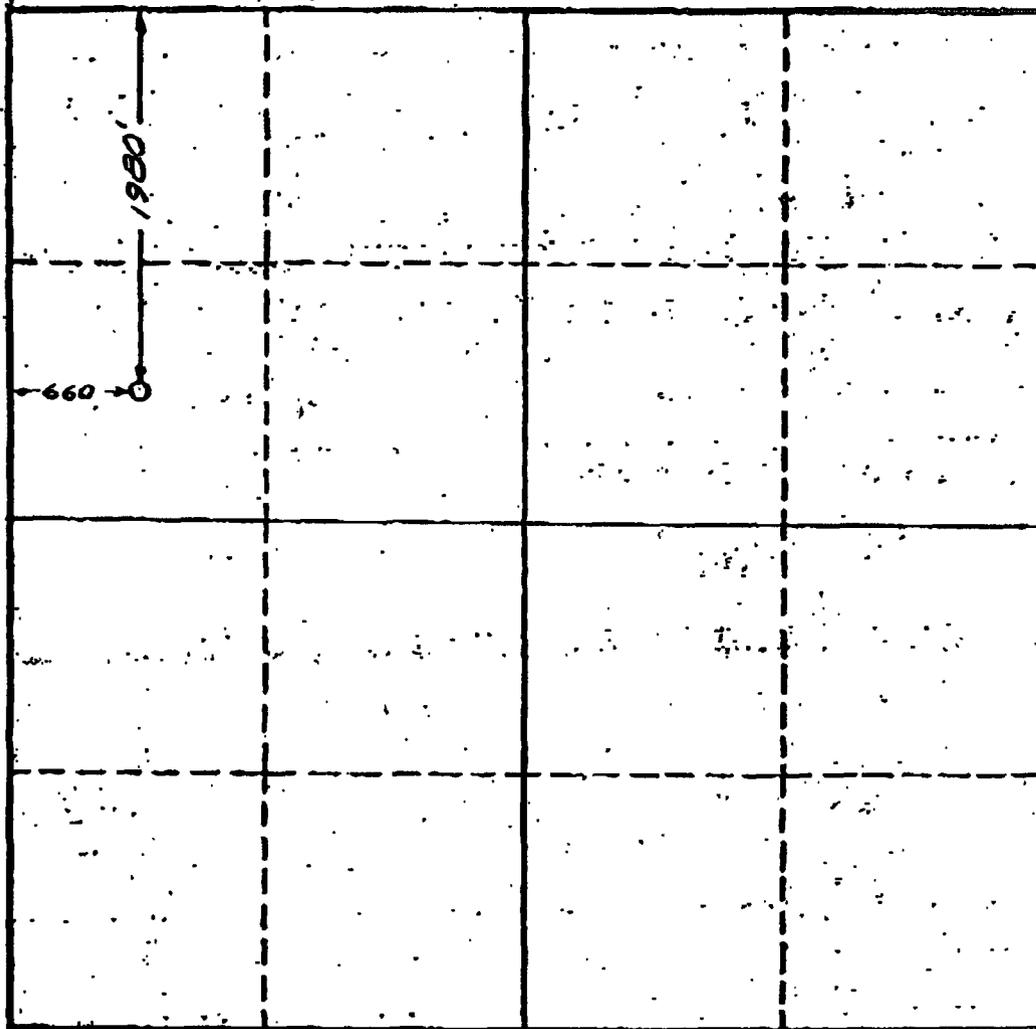
Located 1980 Feet From NORTH Line, 660 Feet From WEST Line

LEA

County, New Mexico. G. L. Elevation 4138.4

Name of Producing Formation _____ Pool _____ Dedicated Acreage _____

(Note: All distances must be from outer boundaries of Section)



NOTR: This section of form is to be used for gas wells only.



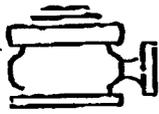
SCALE: 1"=1000'

- 1. Is this Well a Dual Comp. ? Yes No
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage ? Yes No

This is to certify that the above plat was prepared from field notes of actual survey made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Name _____
Position: Engineer District I
Representing _____
Address _____

Date Surveyed 11-2-56
Registered Professional Engineer and/or Land Surveyor John W. H. [Signature]

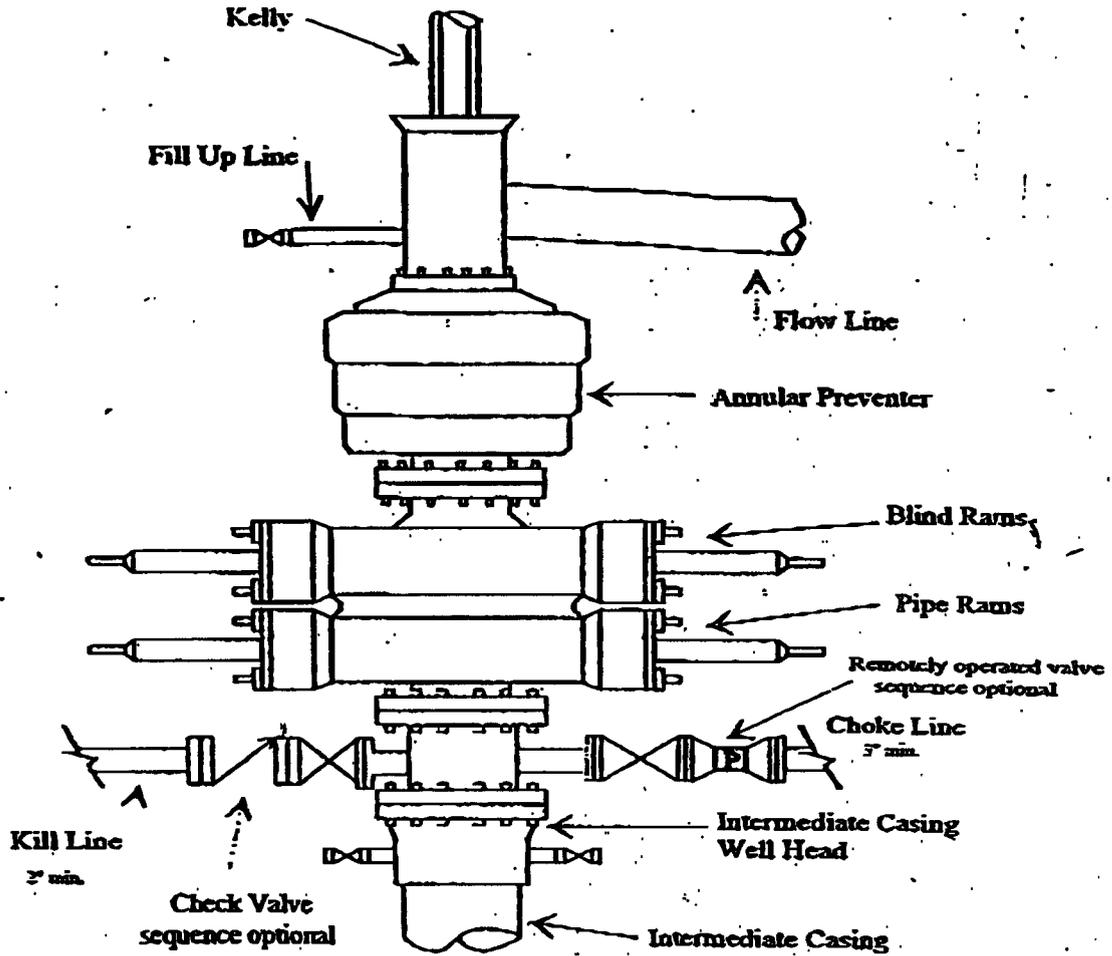


Yates Petroleum Corporation

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

