

and Avenue, Artesia, NM 88210  
III  
00 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division  
1220 South St. Francis Dr. **RECEIVED**  
Santa Fe, NM 87505

Submit to appropriate District Office  
State Lease - 6 Copies  
Fee Lease - 5 Copies

JUL 12 2005

☐ AMENDED REPORT**APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE**

<sup>1</sup> Operator Name and Address Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210		<sup>2</sup> OGRID Number 025575 API Number 30 - 015-23221
<sup>3</sup> Property Code 32580	<sup>5</sup> Property Name Humidor State Unit	<sup>6</sup> Well No. 2

<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
J	26	24S	27E		1880'	South	1980'	East	Eddy

<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 Morrow 96070					<sup>10</sup> Proposed Pool 2				

**Drilling Pit Location and Other Information**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Depth to ground water 70'					Distance from nearest fresh water well .8 mile		Distance from nearest surface water .6 mile		
<sup>11</sup> Work Type Code D		<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 3201.2'	
<sup>16</sup> Multiple N		<sup>17</sup> Proposed Depth 12,509'		<sup>18</sup> Formation Morrow		<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/foot	Setting Depth	Sacks of Cement	Estimated TOC
26"	20"	94#	400'	430 sx	In Place
17 1/2"	13 3/8"	54.5# + 61#	2371'	1450 sx	In Place
12 1/4"	9 5/8"	47# + 53.5#	9378'	600 sx	In Place
8 1/2"	7 5/8"	Liner	8868'-12001'	200 sx	In Place
6 1/2"	4 1/2"	Liner	11497'-12509'	300 sx	In Place

<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 PAGE 2.**

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☐, a general permit X or as (attached) alternative OCD-approved plan ☐.

Signature:

Printed name: Cy Cowan

Title: Regulatory Agent

E-mail Address: dehbicc@ypcn.com

Date: July 12, 2005

Phone: (505) 748-4372

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date: JUL 14 2005

Expiration Date: JUL 14 2006

Conditions of Approval:

Attached ☐

## State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised March 17, 1999

Instruction on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

Alamogordo, NM 88340

Artesia, NM 88210

DISTRICT III

Elle Brazos Rd., Artec, NM 87410

DISTRICT IV

2040 South Pacheco, Santa Fe, NM 87506

## 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 Wildcat Morrow
Property Code	Property Name Humidor State Unit	Well Number 2
OGRID No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3202.1'

## Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	26	24S	27E		1880'	South	1980'	East	Eddy

## 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 320	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

	<b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature Cy Cowan Printed Name Regulatory Agent Title July 11, 2005 Date	
	<b>SURVEYOR CERTIFICATION</b> 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. Herschel L. Jones RLS 3640 GENERAL SURVEYING COMPANY	

**YATES PETROLEUM CORPORATION**  
**Humidor State Unit #2 (Re-entry)**  
1880' FSL and 1980' FEL  
Section 26-T23S-R27E  
Eddy County, New Mexico  
Prognosis

This well was originally drilled by Amoco Production Company as the State II #1. It was spudded April 18, 1980 and was P/A'd January 1, 1985.

Yates Petroleum Corporation proposes to re-enter the captioned well with a pulling unit and drill out cement plugs in the 9 5/8" casing and all cement plugs in the 7 5/8" liner down to the cast iron bridge plug at 12,509'. Cased hole correlation logs will be run if necessary. We plan to test the existing Delaware perforations from 3805'-5318' and possibly the Bone Spring from 8230'-8330'.

MUD PROGRAM: 0-12,509' Cut Brine Weight: 8.6-9.1, Vis: 12, <100-250 water loss.

CASING PROGRAM: No new casing will be run.

CEMENTING PROGRAM: No new cement will be needed.

BOPE PROGRAM: 3000 # BOPE will be nipped up on 13 3/8" in casing.

**No H2s is anticipated.**

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>AMOCO Production Co.</b>		Lessee <b>State II</b>		Well No. <b>1</b>
Unit Letter <b>J</b>	Section <b>26</b>	Township <b>24 South</b>	Range <b>27 East</b>	County <b>Eddy</b>
Actual Footage Location of Well:				
1880 feet from the South line and		1980 feet from the East line		
Ground Level Elev. <b>3201.2</b>	Producing Formation <b>Morrow</b>	Pool <b>Wildcat Morrow</b>	Dedicated Acreage: <b>320</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

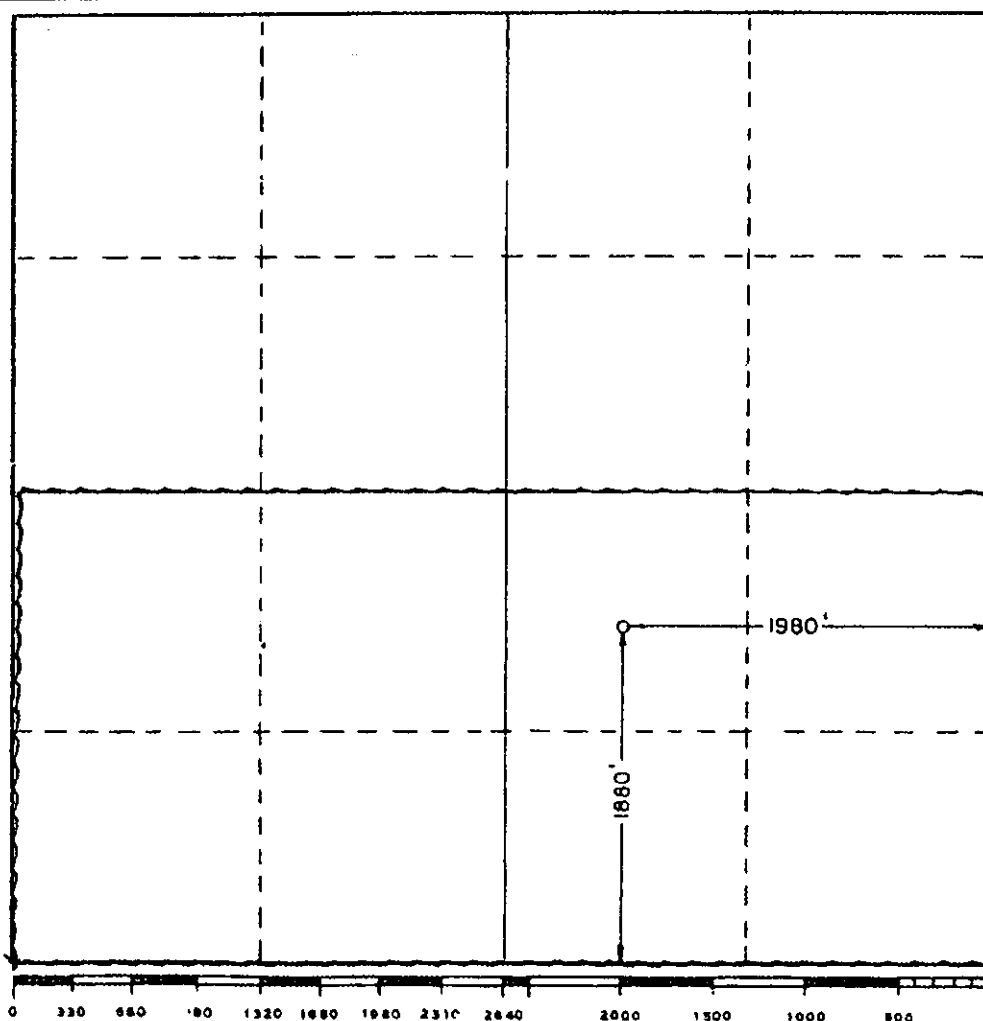
☐ Yes ☐ No

If answer is "yes," type of consolidation \_\_\_\_\_

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MAR 12 1980  
O. C. D.  
ARTESIA, OFFICE

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 interests, has been approved by the Commission.



CERTIFICATION

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

*Bob Davis*

Name

Assist. Admin. Analyst

Position

Amoco Production Company

Company

3-6-80

Date

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

February 28, 1980

Registered Professional Engineer and/or Land Surveyor

*John W. West*

Certificate No. JOHN W. WEST 678  
PATRICK A. ROMERO 8838  
Ronald J. Eldon 3239

WELL NAME: Amoco Production Company State II No. 1

FIELD: Wildcat Morrow

LOCATION: 1,880' FSL &amp; 1980' FEL Sec 26-24S-27E

Eddy County

GL: 3201'

ZERO:

KB:

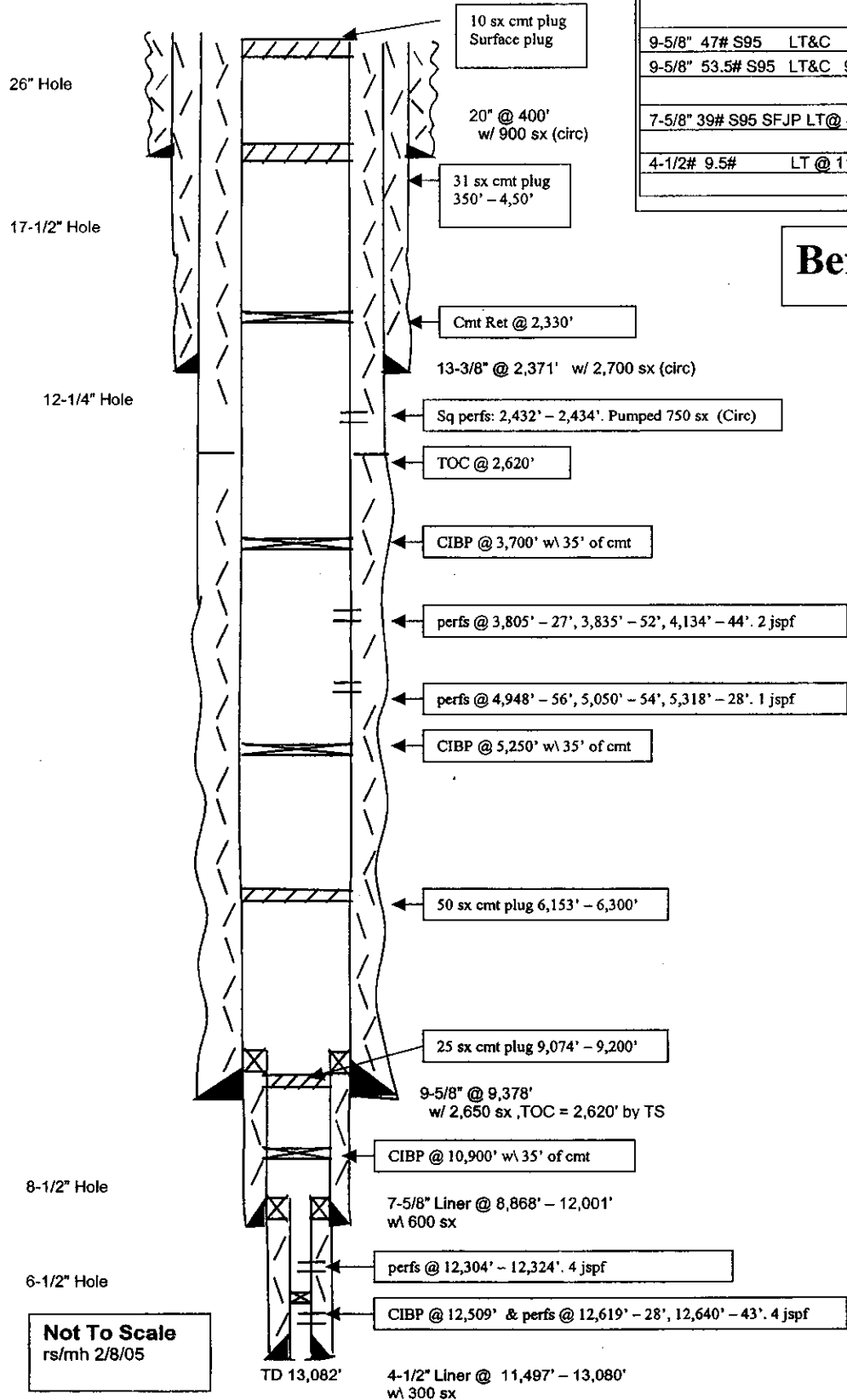
SPUD DATE: 04-18-80 COMPLETION DATE: 04-19-81

COMMENTS: API No. 30-015-23221

## CASING PROGRAM

20" 94# J55 ST&C	400'
13-3/8" 54.5# K55 ST&C	1,771'
13-3/8" 61# K55 ST&C	600'
9-5/8" 47# S95 LT&C	272'
9-5/8" 53.5# S95 LT&C	9,106'
7-5/8" 39# S95 SFJP LT@	8,868'
4-1/2" 9.5# LT @	11,497'
	13,080'

Before



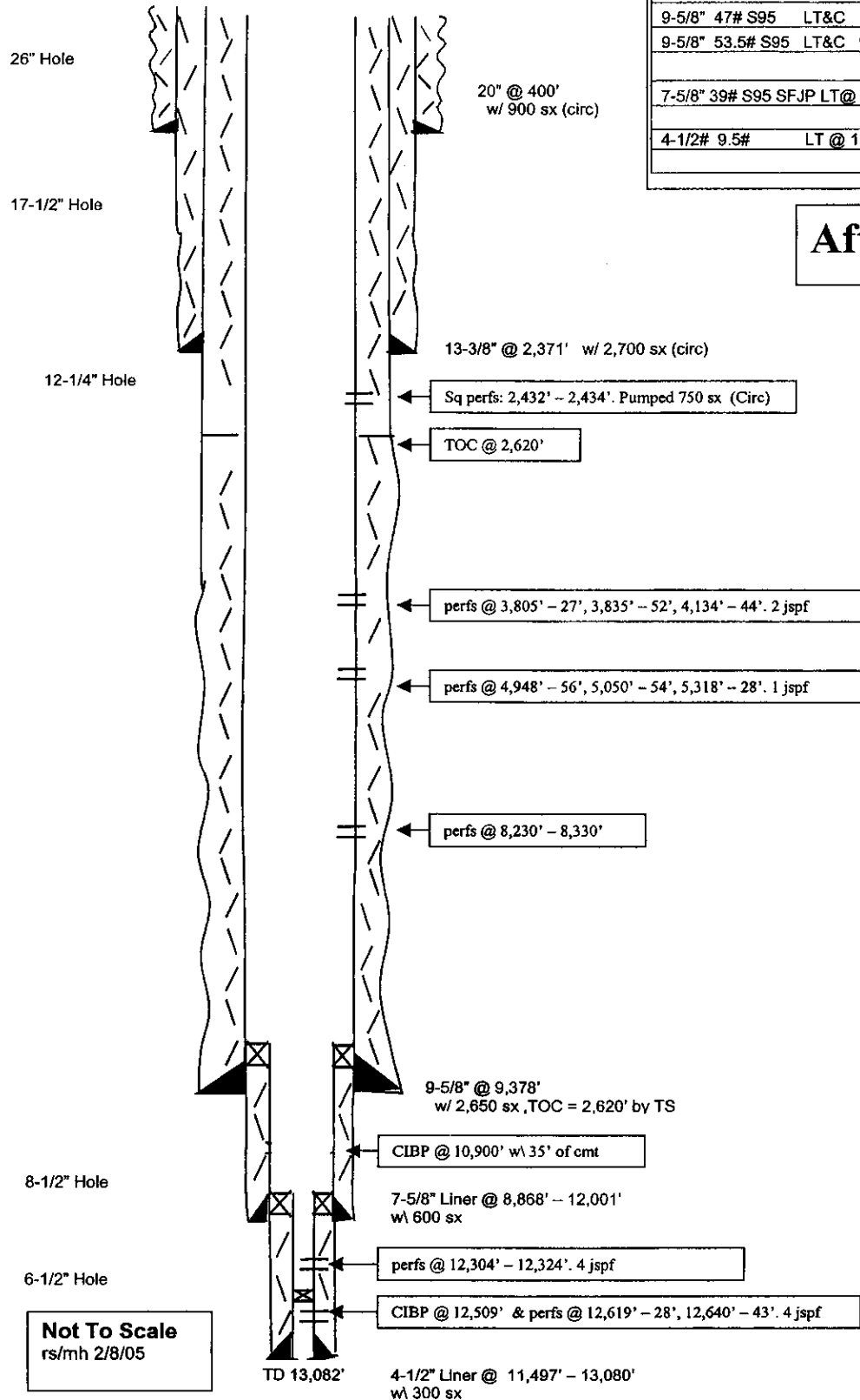
WELL NAME: Amoco Production Company State II No. 1  
 LOCATION: 1,880' FSL & 1980' FEL Sec 26-24S-27E  
 GL: 3201' ZERO: KB:  
 SPUD DATE: 04-18-80 COMPLETION DATE: 04-19-81  
 COMMENTS: API No. 30-015-23221

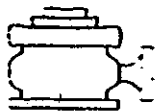
FIELD: Wildcat Morrow  
 Eddy County

# CASING PROGRAM

20" 94# J55 ST&C	400'
13-3/8" 54.5# K55 ST&C 1,771'	
13-3/8" 61# K55 ST&C 600'	2,371'
9-5/8" 47# S95 LT&C 272'	
9-5/8" 53.5# S95 LT&C 9,106'	9,378'
7-5/8" 39# S95 SFJP LT@ 8,868'	12,001'
4-1/2" 9.5# LT @ 11,497'	13,080'

After

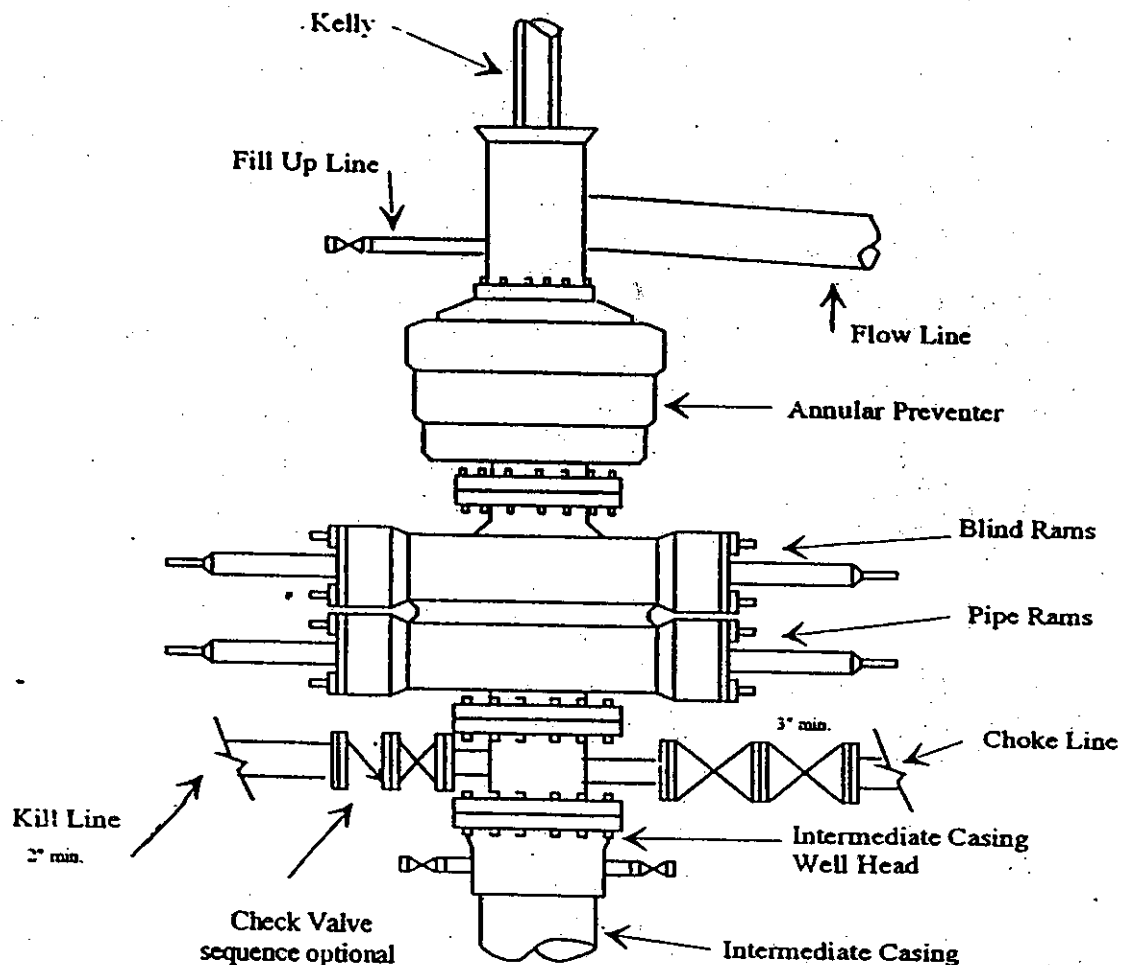




# Yates Petroleum Corporation

## Typical 3,000 psi Pressure System Schematic Annular with Double Ram Preventer Stack

BOP-3



Typical 3,000 psi choke manifold assembly with at least these minimum features

