

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
March 4, 2004

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

RECEIVED

JUL 28 2005

OCD-ARTESIA

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 Yates Petroleum Corporation 105 South Fourth Street Artesia, NM 88210		² OGRID Number 025575 API Number 30 - 015 - 23599
³ Property Code 35122	⁴ Property Name Humidor SWD	⁶ Well No. 3

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the 1980'	North/South line	Feet from the 960'	East/West line	County
E	14	24S	27E			North		West	Eddy

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

Delaware

¹⁰ 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
E	14	24S	27E		1980'	North	960'	West	Eddy
Depth to ground water 31'				Distance from nearest fresh water well 1.3 miles		Distance from nearest surface water 1.1 miles			
¹¹ Work Type Code E		¹² Well Type Code S		¹³ Cable/Rotary R		¹⁴ Lease Type Code S		¹⁵ Ground Level Elevation 3164.8'	
¹⁶ Multiple N		¹⁷ Proposed Depth 9555'		¹⁸ Formation Delaware		¹⁹ Contractor Not Determined		²⁰ Spud Date ASAP	

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	54.5#	519'	525 sx	In Place
12 1/4"	10 3/4"	40.5#	2400'	1350 sx	In Place
9 1/2"	7 5/8"	Liner	9555'	975 sx	In Place

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.

SEE ATTACHED PAGE 2.

SWD-982

²³ 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 an (attached) alternative OCD-approved plan ☐.

Signature:

Printed name: Cy Cowan

Title: Regulatory Agent

E-mail Address: debbiec@ypcn.com

Date: July 26, 2005

Phone: (505) 748-4372

OIL CONSERVATION DIVISION

Approved by:

TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date:

SEP 25 2005

Expiration Date:

SEP 25 2006

Conditions of Approval:

Attached ☐

As a condition of approval, a closure plan must be submitted and approved prior to the commencement of closure procedures.

As a condition of approval, if during pit construction water is encountered or if water seeps in pits after construction the **OCD MUST BE CONTACTED IMMEDIATELY!**

YATES PETROLEUM CORPORATION

Humidor SWD #3

1980' FNL and 990' FWL
Section 14-T24S-R27E
Eddy County, New Mexico
Re-entry Prognosis

This well was originally drilled by Pogo Producing Company as the MAW State #1. It was spudded January 29, 1981 and was P/A'd May 2, 1989.

Yates Petroleum Corporation proposes to re-enter the captioned well with a pulling unit and drill out cement shoe plugs in the 10 3/4" casing and open hole down to 7 5/8" casing stub at +4870'. We will then splice the 7 5/8" casing together and cement to the surface. The well will then be prepared for injection into the Bell Canyon and Cherry Canyon (Delaware) from 2660' to 3190'.

MUD PROGRAM: 0-4860' Cut Brine Weight: 9.0-9.4, Vis: 35, <10-15 water loss.

CASING PROGRAM: 7 5/8" 26.4# L-80 to +4860'.

CEMENTING PROGRAM: 200 bbls of mud with 150 scf/bbl on N2. Tail in with 800 sacks Super "H". 13.2 lb/gal. Yield 1.67 this is a 50% excess.

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

No H2s is anticipated.

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1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87506

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1989
Instruction on back
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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name Delaware
Property Code	Property Name Humidor SWD	Well Number 3
OCED No. 025575	Operator Name YATES PETROLEUM CORPORATION	Elevation 3164.8'

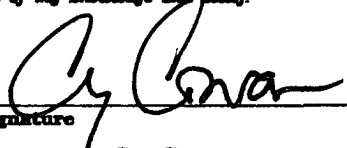
Surface Location

UL or Lot No. E	Section 14	Township 24	Range South	Lot Idn	Feet from the 1980'	North/South Line North	Feet from the 990'	East/West Line West	County Eddy
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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 N/A	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

1980'					OPERATOR CERTIFICATION I hereby certify the 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 26, 2005 Date
960'					
					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. Herschel L. Jones RLS 3640 GENERAL SURVEYING COMPANY

N MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
 Supersedes C-128
 Effective 1-1-85

All distances must be from the outer boundaries of the Section

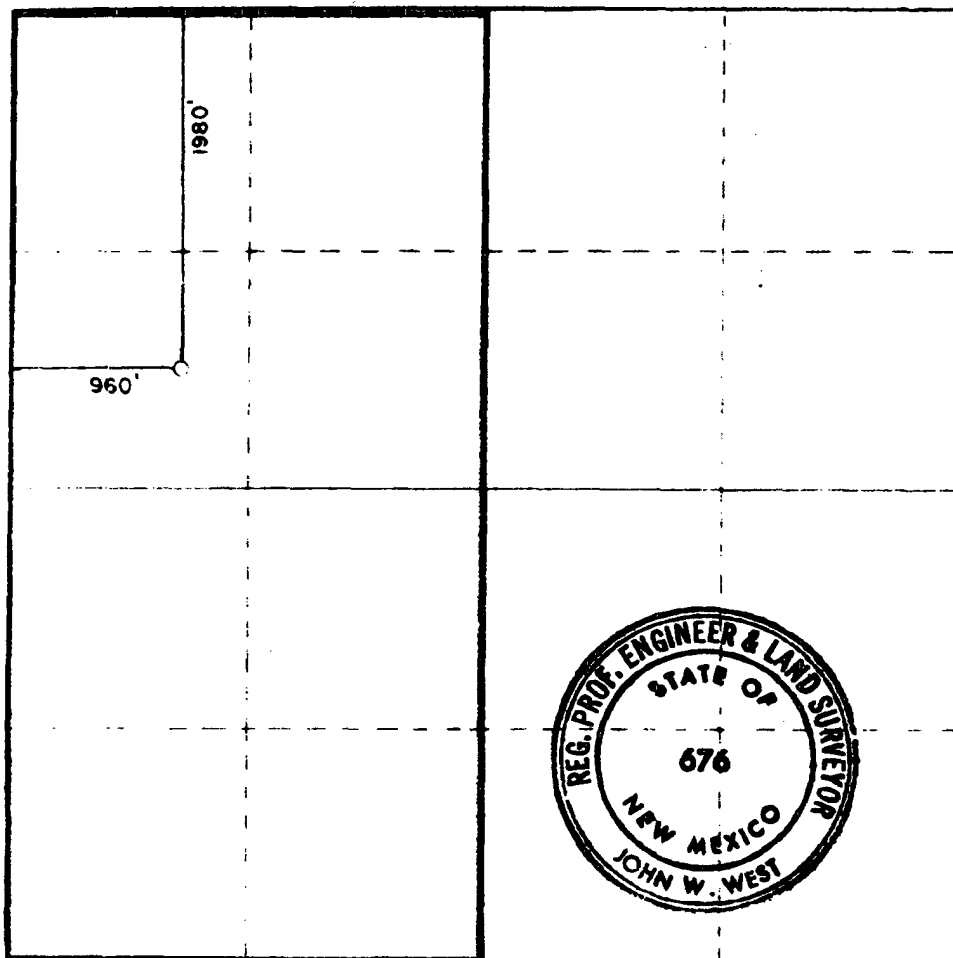
Operator POGO PRODUCING CO.			Lease M.A.W. State		Well No. 1
Section Letter E	Section 14	Township 24 South	Range 27 East	County Eddy County, New Mexico	
Actual Portage Location of Well: 1980 feet from the North line and 960 feet from the West line					
Ground Level Elev. 3164.8	Producing Formation Morrow	Pool Wildcat	Dedicated Acreage: 320 Acres		

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 _____

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

B. J. Williams
 Name

B. J. Williams

Position

Division Operations Manager

Company

Pogo Producing Company

Date

January 15, 1981

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

Jan. 14, 1981

Registered Professional Engineer
 John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6688
Ronald J. Eidson 3239

310 660 910 1320 1690 1980 2310 2640 2900 3400 4000 4600 5200 5800 6400

WELL NAME: Pogo Producing Co's MAW State No. 1 **FIELD:** Wildcat Morrow
LOCATION: Unit Letter E, 1,980' FNL & 960' FWL Sec 14 - T24S - R27E Eddy County New Mexico
GL: 3,165' **ZERO:** **KB:** 3,187'
SPUD DATE: 01/29/81 **COMPLETION DATE:** P&A 05/02/89
COMMENTS: 30-015-23599
 WH cut off and Dry hole marker installed 5/2/89
Attachment A part II

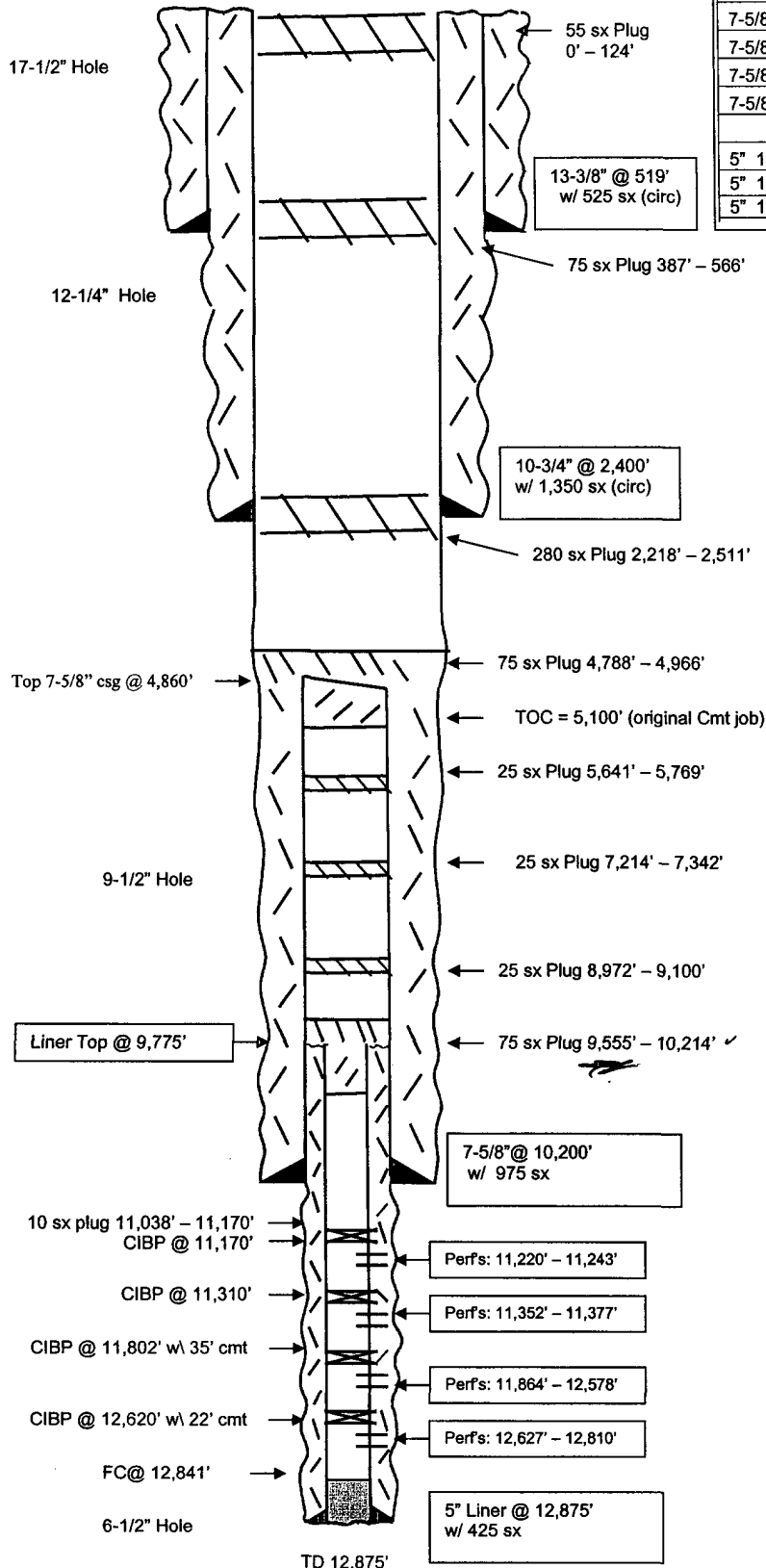
CASING PROGRAM

13-3/8" 54.5# K55 ST&C	519'
10-3/4" 40.5# K55# ST&C	2400'
7-5/8" csg stub top @ +/- 4,860'	
7-5/8" 26.4# N-80 504'	
7-5/8" 29.7# N80 1,094'	
7-5/8" 26.4# S95 1,602'	
7-5/8" 29.7# S95 2,152'	10,200'
5" 18# Liner Top = 9,775'	
5" 18# LT&C N-80 2,493.50'	
5" 18# LT&C C-75 606.01'	12,875'

Before

TOPS:

Castel	652'
Lamar	2,290'
Delaware	2,339'
Bell CN	2,350'
Cherry CN	3,110'
Brushy CN	4,242'
BS	5,758'
2 nd BS	7,340'
WC	9,066'
Atoka	11,148'
Morrow	11,776'



Not To Scale
 4-18-05
 JMH

WELL NAME: Humidor SWD No. 1 **FIELD:** Delaware injector
LOCATION: Unit Letter E, 1,980' FNL & 960' FWL Sec 14 - T24S - R27E Eddy County New Mexico
GL: 3,165' **ZERO:** **KB:** 3,187'
SPUD DATE: 01/29/81 **COMPLETION DATE:** P&A 05/02/89
COMMENTS: 30-015-23599
 Originally Pogo Producing Co's MAW State No. 1
Attachment "A" Part III

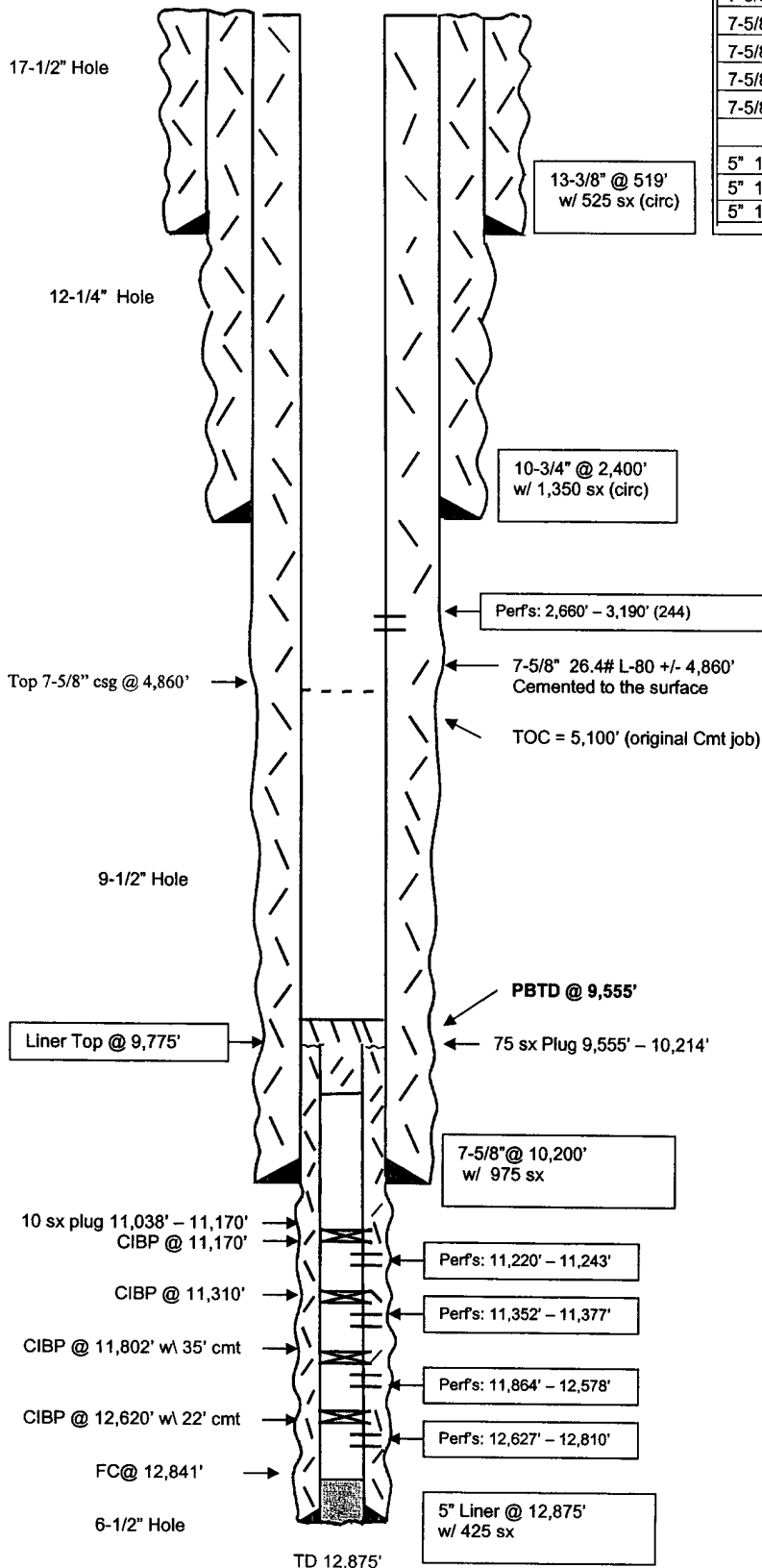
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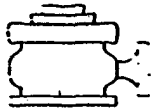
After

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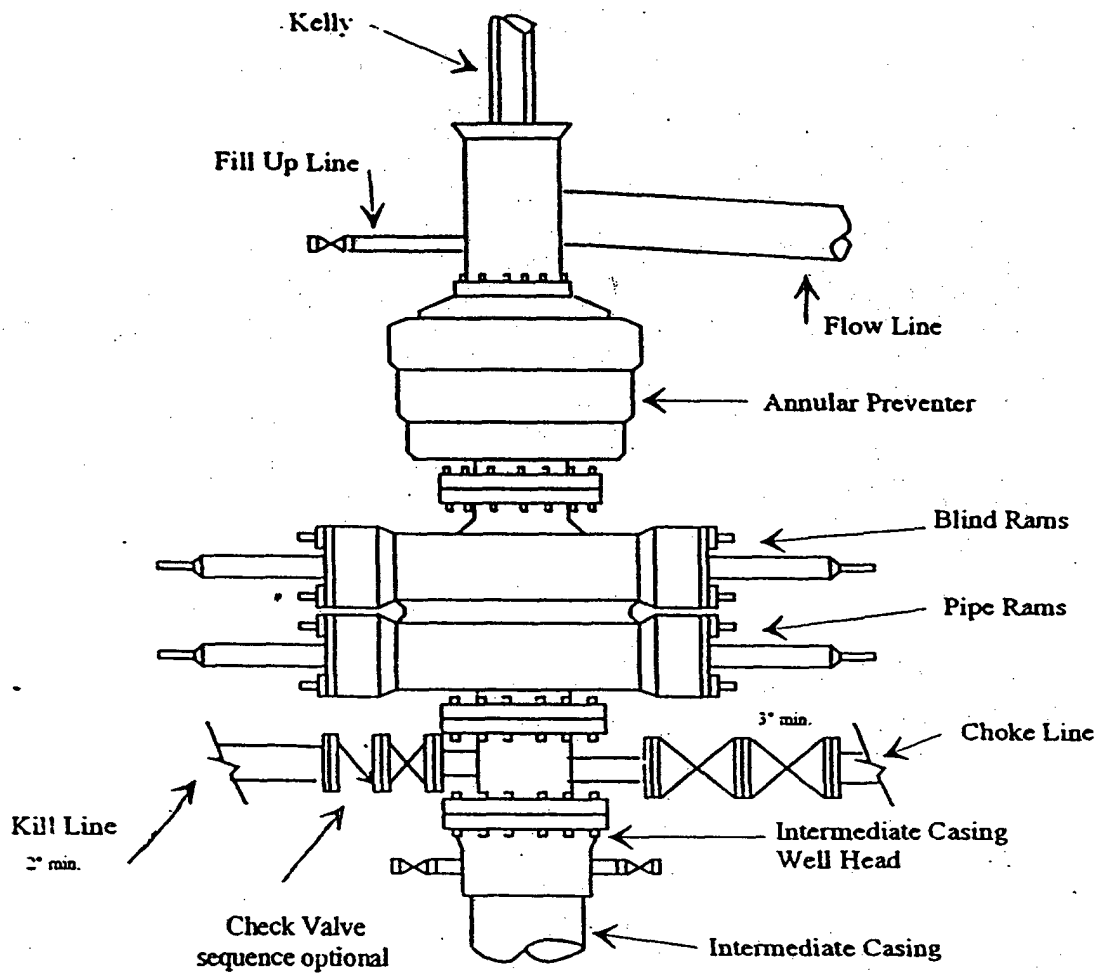
Not To Scale
 4-18-05
 JMH



Yates Petroleum Corporation

BOP-3

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



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

