

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

PO BOX 2088  
Santa Fe, NM 87504-2088

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

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87501

☐ 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, New Mexico 88210		<sup>2</sup> OGRID Number 025575
		<sup>3</sup> API Number 30- 025-01838
<sup>4</sup> Property Code 28062	<sup>5</sup> Property Name Limbaugh "AYO" State	<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
E	12	12S	34E		1980	North	660	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 4138.4'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 13,018'	<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
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'

<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



<sup>23</sup> 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

Phone:

(505) 748-1471

OIL CONSERVATION DIVISION

Approved by:

*Chris Williams*

Title:

*District Supervisor*

Approval Date:

AUG 26 2003

Expiration Date:

Conditions of Approval

Attached ☐

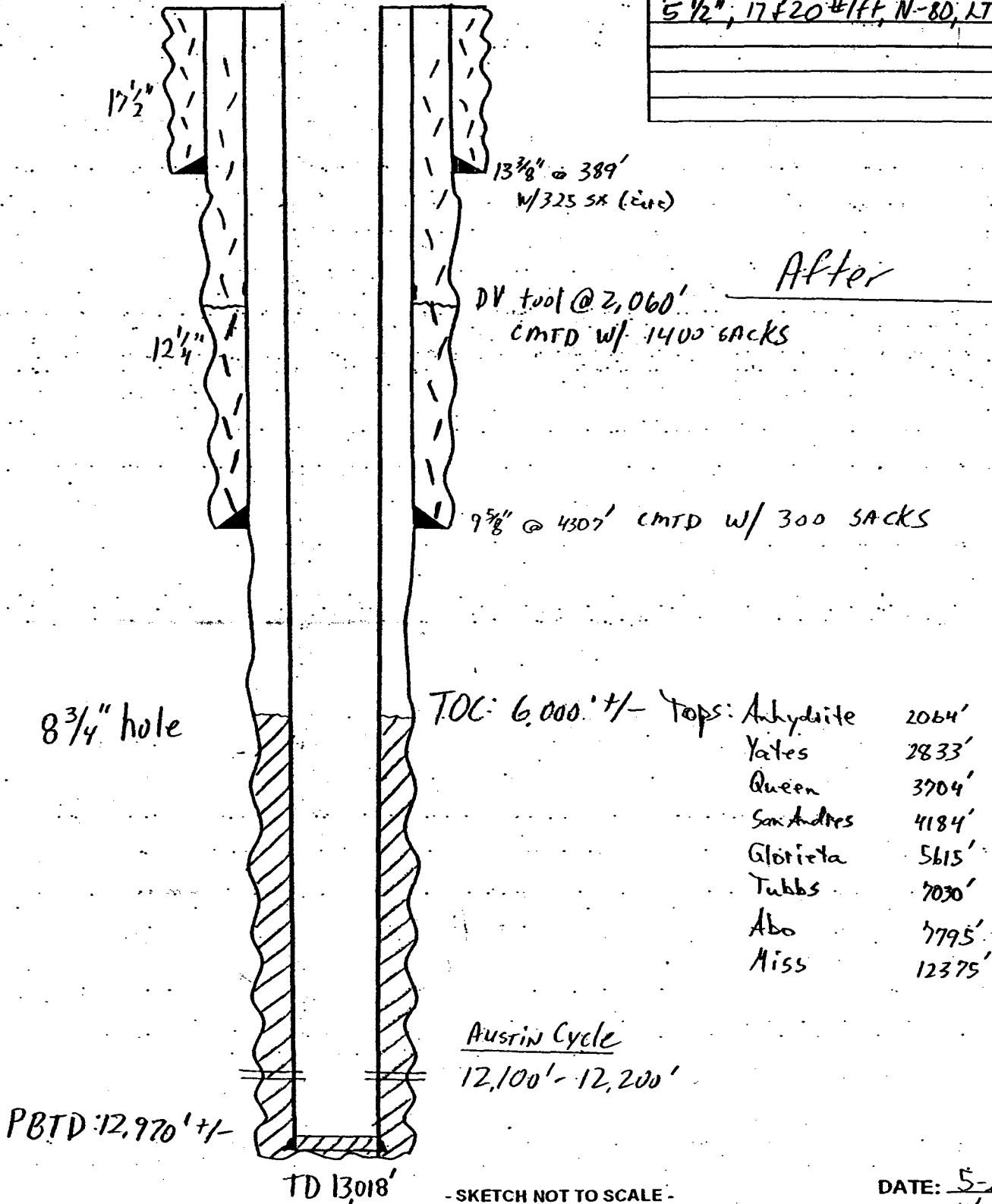
**YATES PETROLEUM CORPORATION**  
**Limbaugh "AYO" State #1**  
**1980' FNL and 660' FWL**  
**Section 12-T12S-R34E**  
**Lea County, New Mexico**  
**Lease Number V-5855**

**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 (Pentose) FIELD: Wildcat  
 LOCATION: 1980' FN & 660' FW F 12-12-34E Lea County  
 GL: 4,142' ZERO: \_\_\_\_\_ AGL: \_\_\_\_\_ KB: 4,151'  
 SPUD DATE: 11-11-57 COMPLETION DATE: 3-29-52  
 COMMENTS: MS

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



DATE: 5-23-01 JS  
5/24/01 JWP

DISTRICT I  
1826 N. French Dr., Hobbs, NM 88340

DISTRICT II  
811 South First, Artesia, NM 88210

DISTRICT III  
1808 Elie Brasas Rd., Artesia, NM 87410

DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised March 17, 1999  
Instruction on back  
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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 30-025-01838	Pool Code	Pool Name Wildcat Mississippian
Property Code 28062	Property Name Linbaugh "AYO" State	Well Number 1
OCED No. 025575	Operator Name Yates Petroleum Corporation	Elevation 4138.4'

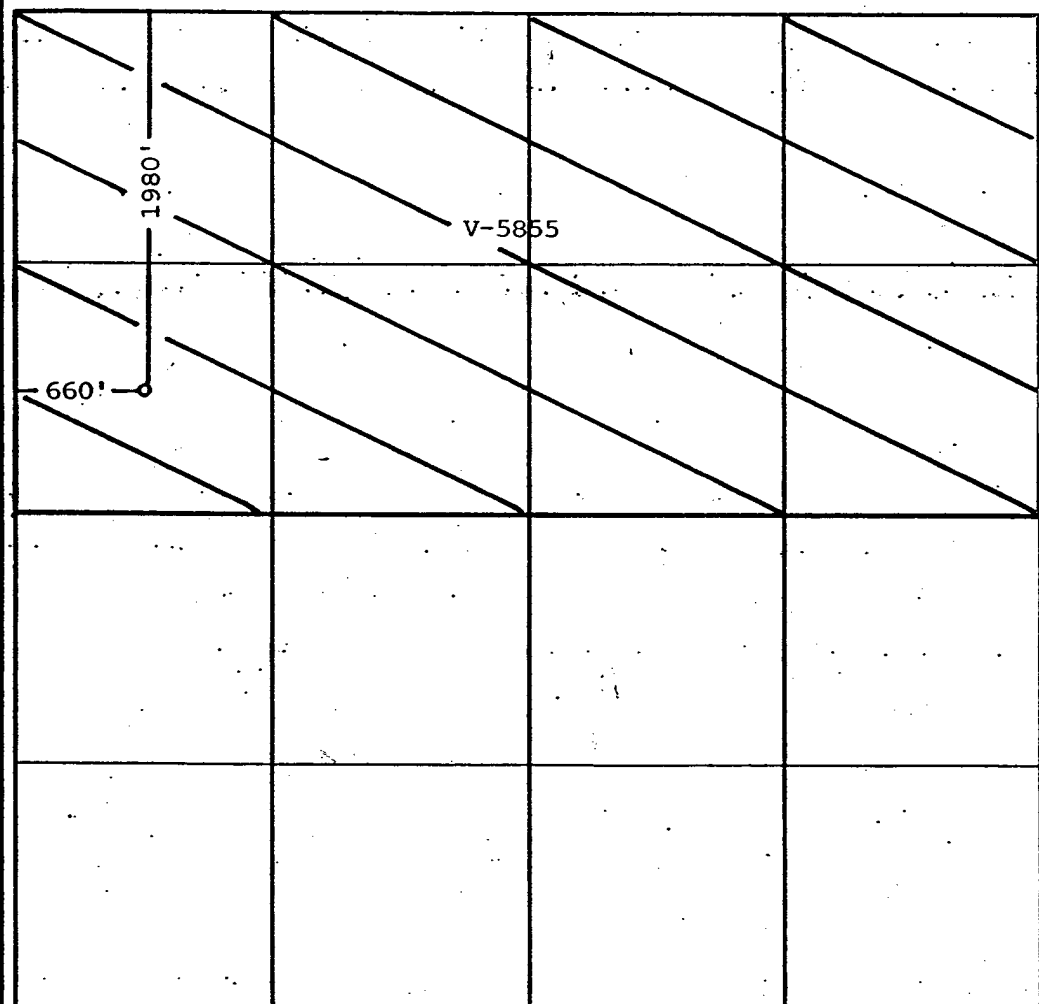
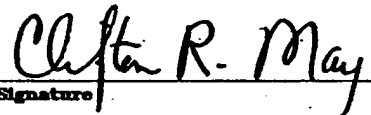
Surface Location

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

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 Clifton R. May Printed Name Regulatory Agent Title May 24, 2001 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

DUPLICATE

NEW MEXICO  
OIL CONSERVATION COMMISSION

Form C-128

Well Location and/or Gas Production Plat

Date 11-2-56

Operator N.G. PENROSE INCORPORATED F.F.J. DANGLADE Lease STATE 1956 NOV 7 PM 2:57

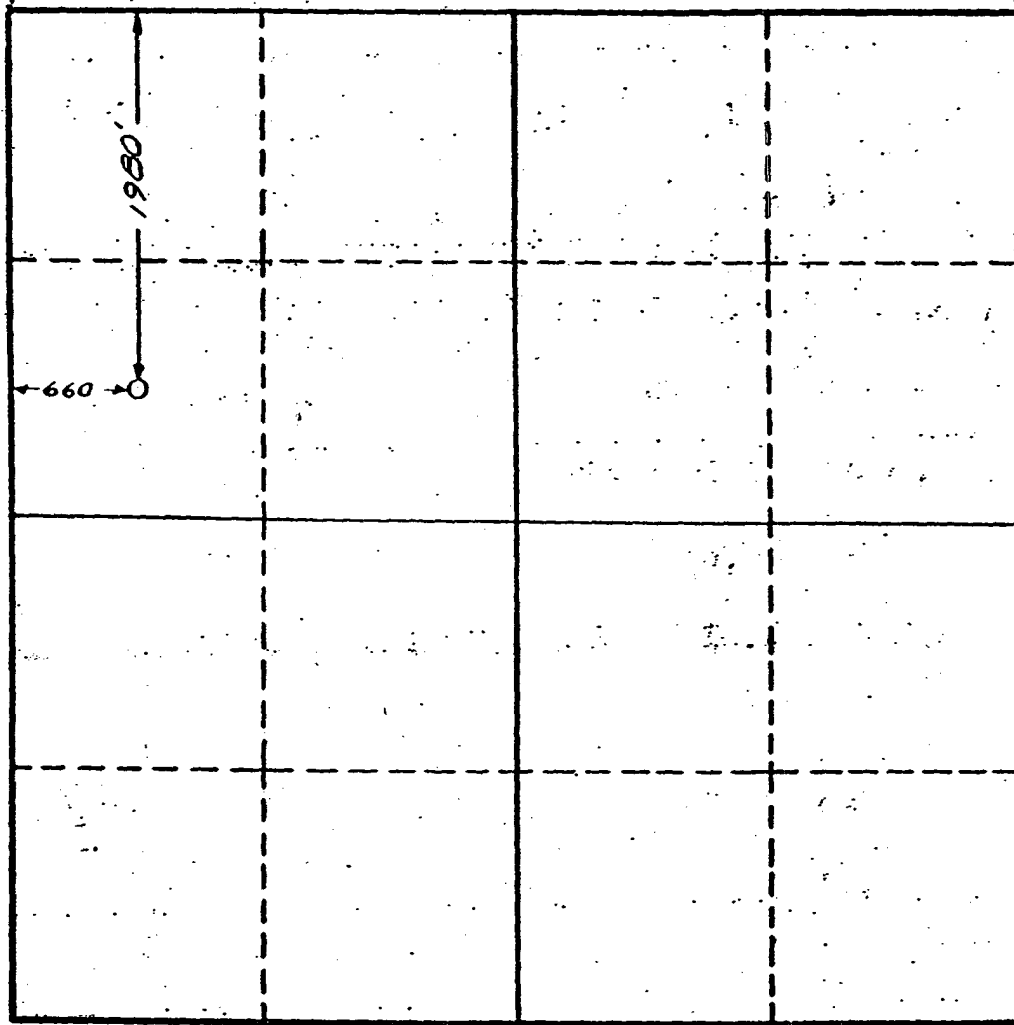
Well No. 1 Section 12 Township 12 SOUTH Range 34 EAST NMPM

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)



SCALE: 1"=1000'

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

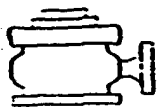


1. Is this Well a Dual Comp. ? Yes      No
2. If the answer to Question 1 is yes, are there any other dually completed wells within the dedicated acreage? Yes      No

This is to certify that the above plat was prepared from field notes of actual surveys 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 1  
Representing \_\_\_\_\_  
Address \_\_\_\_\_

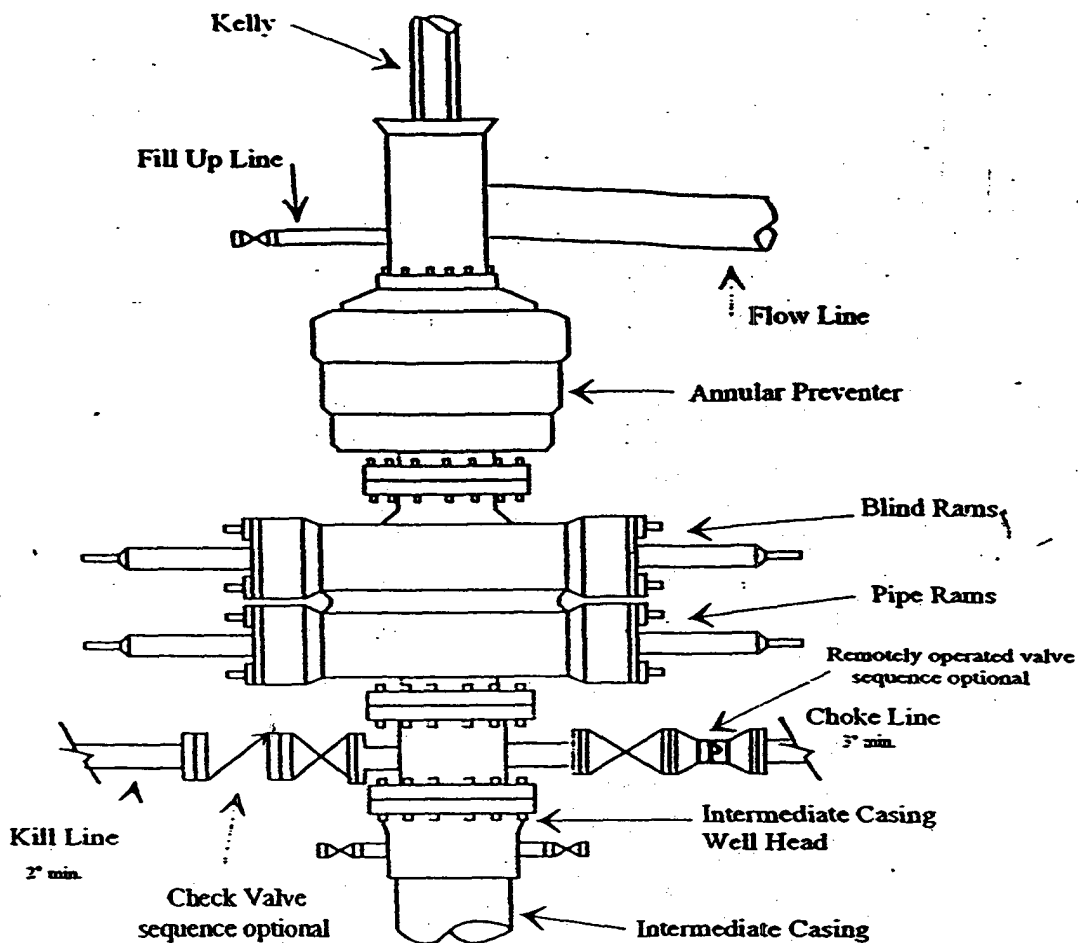
Date Surveyed 11-2-56  
John W. West  
Registered Professional Engineer and/or  
Land Surveyor



# 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

