

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

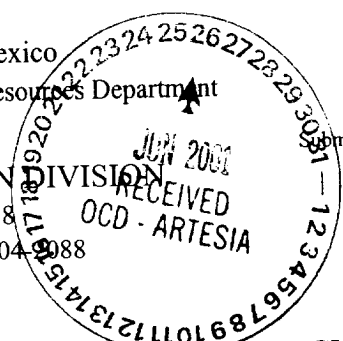
DISTRICT II  
811 South First, Artesia, NM 88210

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

CISF  
BLM  
S & B  
OP

☐ 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 30-005-62847
<sup>4</sup> Property Code 28461	<sup>5</sup> Property Name Starkissed "AWS" 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	3	10S	27E		1980	North	660	West	Chaves

<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 WILCOAT ORDIVICIAN					<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 3881.3'
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 6622'	<sup>18</sup> Formation Ordovician	<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
12 1/4"	8 5/8"	24#	942'-in place	500 Ssx	Circulate
7 7/8"	5 1/2"	15.5#	6922'	800 sx	TOC-3000'

<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 sheets for re-entry information.

Former: BHP Pet  
OTD - 6922  
P&H - 6-3-91

<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: 06/26/01

Phone: (505) 748-1471

OIL CONSERVATION DIVISION

Approved by:

ORIGINAL SIGNED BY TIM W. GUM  
DISTRICT II SUPERVISOR

Title:

Approval Date: JUL 05 2001

Expiration Date: JUL 05 2002

Conditions of Approval

Attached ☐

DHC required for Dual Completion

# **YATES PETROLEUM CORPORATION**

**Starkissed "AWS" State #1 Re-entry**

**1980" FNL & 660' FWL**

**Section 3-T10S-R27E**

**Chaves County, New Mexico**

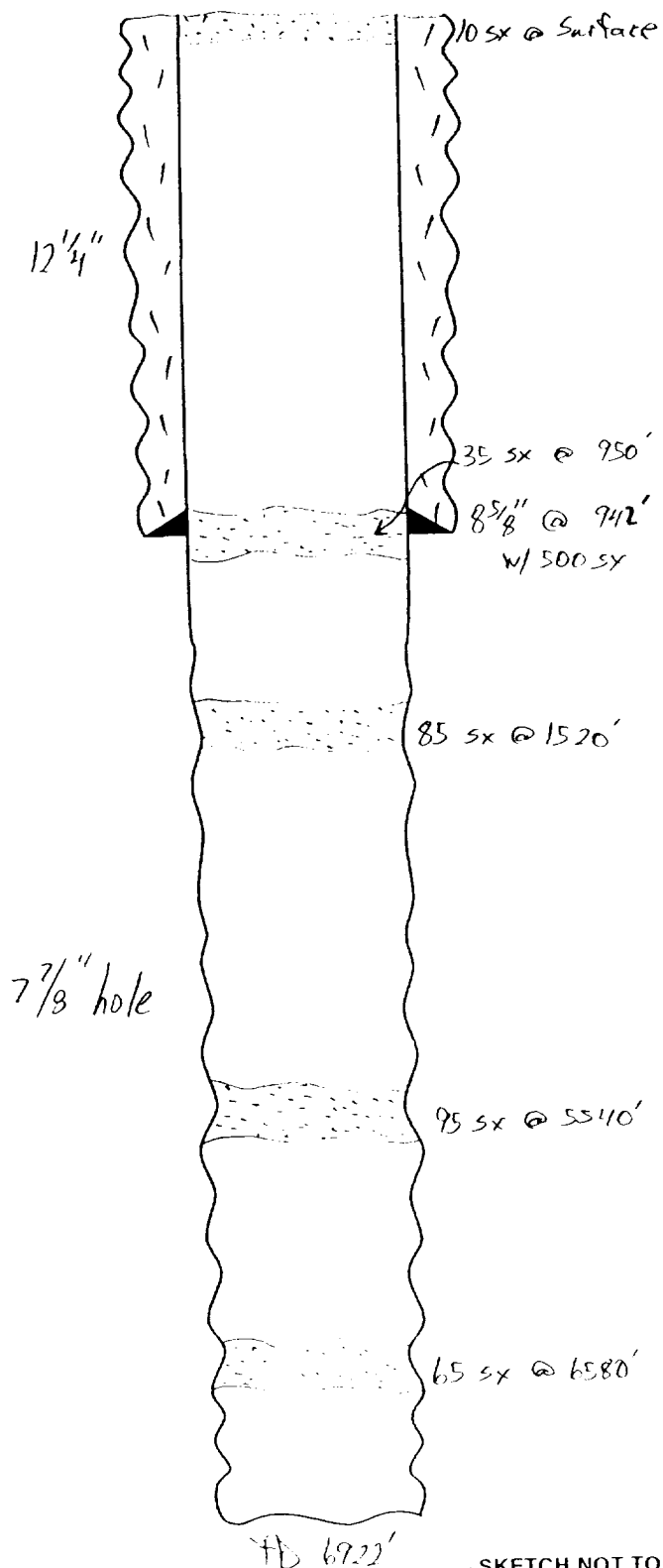
**Lease #VA-2075**

**Drilling Plans: Yates Petroleum Corporation plans to re-enter this well bore using a pulling unit and a reverse unit to drill out the cement plugs in the 8 5/8" casing and the 7 7/8" open hole to the old total depth of 6922'. After circulating the hole clean a string of 5 1/2" will be run to the total depth and cemented with enough cement to bring the top of cement to approximately 3,000'. The mud program to be used will be 9.5-9.7 ppg brine water with a 55-70 viscosity. A 3,000# BOPE will be installed on the 8 5/8" casing.**

**The well will be completed using a pulling unit. The well will be completed and tested in the Ordovician zone and/or the Wolfcamp.**

WELLNAME: Stacked State 1 (BHP Pet) FIELD: \_\_\_\_\_  
 LOCATION: 1980' EN & 660' EW E 3-10S-22E Chaves County  
 GL: 3881.3 ZERO: \_\_\_\_\_ AGL: \_\_\_\_\_ KB: \_\_\_\_\_  
 SPUD DATE: 5-14-91 COMPLETION DATE: 6-4-91  
 COMMENTS: DVA 6/3/91

CASING PROGRAM	
SIZE/WT/GR/CONN	DEPTH SET
8 5/8" 24# J55	942'



before

Tops: San Andres	1516'
Glorieta	2791'
Tubb	4197'
Abo	4968'
Wolfcamp	5640'
Penn	6204'
Penn CI	6320'
Miss	6537'
Hondo	6713'
Ellenburger	6887'

- SKETCH NOT TO SCALE -

DATE: 8-25-00 JD

WELLNAME: Starkissed St #1 FIELD: Wildcat  
 LOCATION: 1980' FNL + 660' FNL Sec 3 T10S, R27E CHAVES CO, NM  
 GL: 3980' ZERO: \_\_\_\_\_ AGL: \_\_\_\_\_ KB: 3,891'  
 SPUD DATE: \_\_\_\_\_ COMPLETION DATE: \_\_\_\_\_  
 COMMENTS: \_\_\_\_\_

CASING PROGRAM	
SIZE WT/GR/CONN	DEPTH SET
8 5/8", 24.0 #/ft, J-55, STD	942'
5 1/2", 15.50 #/ft, J-55, LTC	6,922'

12 1/4" hole

After

8 5/8" @ 942' (MTD W/ 500 SACKS)

TOL: 3,000' +/-

7 7/8" hole

Wolfcamp  
5,678' - 5,702'

Ordovician  
6,200' +/-

PBTD: 6,880' +/-

5 1/2" @ 6,922' (MTD W/ 800 +/- SACKS)

FD: 6,922'

- SKETCH NOT TO SCALE -

DATE: 8/24/00 JWP

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DISTRICT IV  
2040 South Pacheco, Santa Fe, NM 87506

State of New Mexico  
Energy, Minerals and Natural Resources Depart.

Form C-102  
Revised March 17, 1999  
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 30-005-62847	Pool Code	Pool Name <b>WILDCAT ORDIVICIAN</b>
Property Code	Property Name Starkissed "AWS" State	Well Number 11
OCRD No. 025575	Operator Name Yates Petroleum Corporation	Elevation 3881.3'

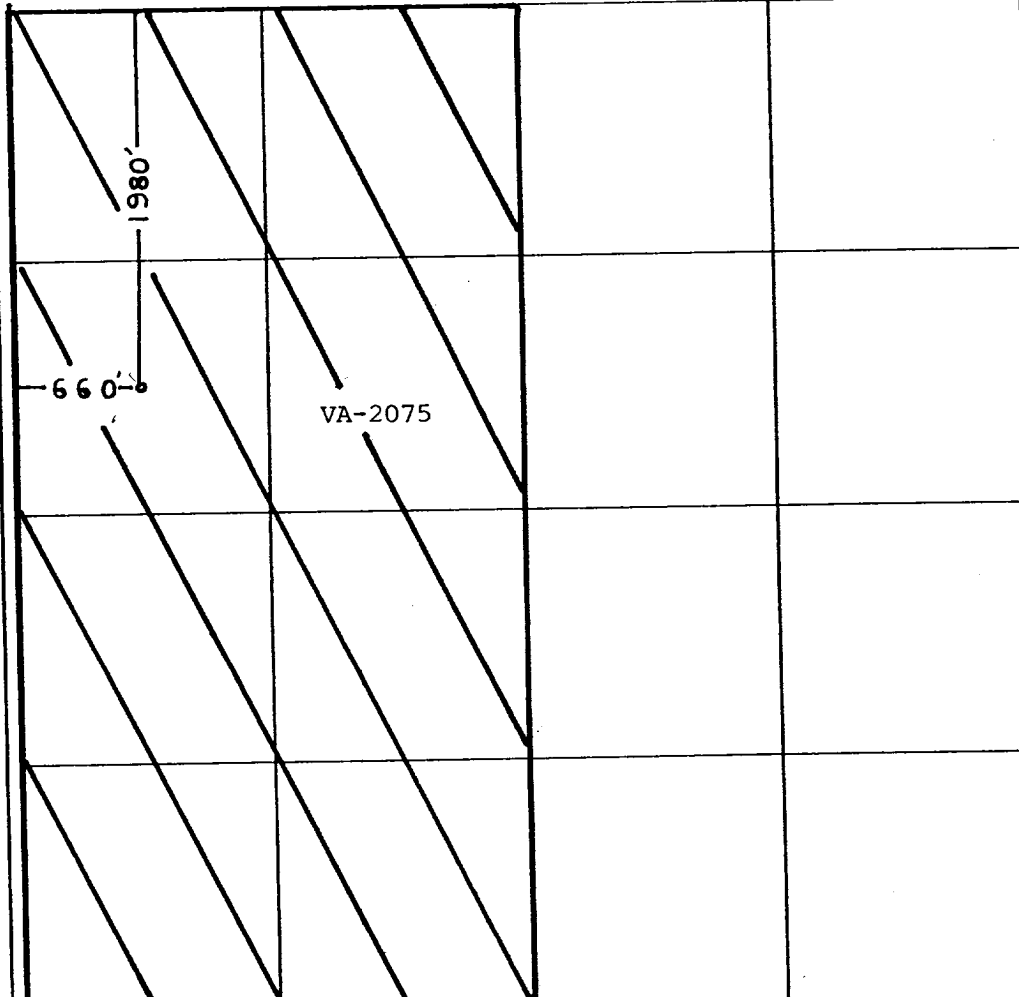
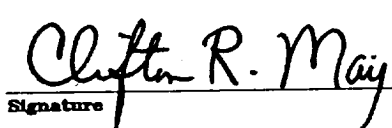
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	3	10S	27E		1980	North	660	West	Chaves

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 the the information contained herein is true and complete to the best of my knowledge and belief.   Signature <u>Clifton R. May</u> Printed Name <u>Regulatory Agent</u> Title <u>June 26, 2001</u> 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.  Referr to original plat Date Surveyed Signature & Seal of Professional Surveyor
	Certificate No. Herschel L. Jones RLS 3640  GENERAL SURVEYING COMPANY

New Mexico Oil Conservation Division  
C-102 Instructions

IF THIS IS AN AMENDED REPORT, CHECK THE BOX LABELED "AMENDED REPORT" AT THE TOP OF THIS DOCUMENT.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed contact the appropriate OCD district office. Independent subdivision surveys will not be acceptable.

1. The OCD assigned API number for this well
2. The pool code for this (proposed) completion
3. The pool name for this (proposed) completion
4. The property code for this (proposed) completion
5. The property name (well name) for this (proposed) completion
6. The well number for this (proposed) completion
7. Operator's OGRID number
8. The operator's name
9. The ground level elevation of this well
10. The surveyed surface location of this well measured from the section lines. NOTE: If the United States government survey designates a Lot Number for this location use that number in the 'UL or lot no.' box. Otherwise use the OCD unit letter.
11. Proposed bottom hole location. If this is a horizontal hole indicate the location of the end of the hole.
12. The calculated acreage dedicated to this completion to the nearest hundredth of an acre
13. Put a Y if more than one completion will be sharing this same acreage or N if this is the only completion on this acreage
14. If more than one lease of different ownership has been dedicated to the well show the consolidation code from the following table:

C	Communitization
U	Unitization
F	Forced pooling
O	Other
P	Consolidation pending

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!

5. Write in the OCD order(s) approving a non-standard location, non-standard spacing, or directional or horizontal drilling

16. This grid represents a standard section. You may superimpose a non-standard section over this grid. Outline the dedicated acreage and the separate leases within that dedicated acreage. Show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. (Note: A legal location is determined from the perpendicular distance to the edge of the tract.) If this is a high angle or horizontal hole show that portion of the well bore that is open within this pool.

Show all lots, lot numbers, and their respective acreage.

If more than one lease has been dedicated to this completion, outline each one and identify the ownership as to both working interest and royalty.

17. The signature, printed name, and title of the person authorized to make this report, and the date this document was signed.
18. The registered surveyors certification. This section does not have to be completed if this form has been previously accepted by the OCD and is being filed for a change of pool or dedicated acreage.

W MEXICO OIL CONSERVATION COMM. 'N  
LOCATION AND ACREAGE DEDICATION PLAT

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

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

Operator B H P PETROLEUM (AMERICAS) INC.		Lease STARKISSED STATE		Well No. 1
Unit Letter E	Section 3	Township 10 SOUTH	Range 27 EAST	County CHAVES

Actual Footage Location of Well:

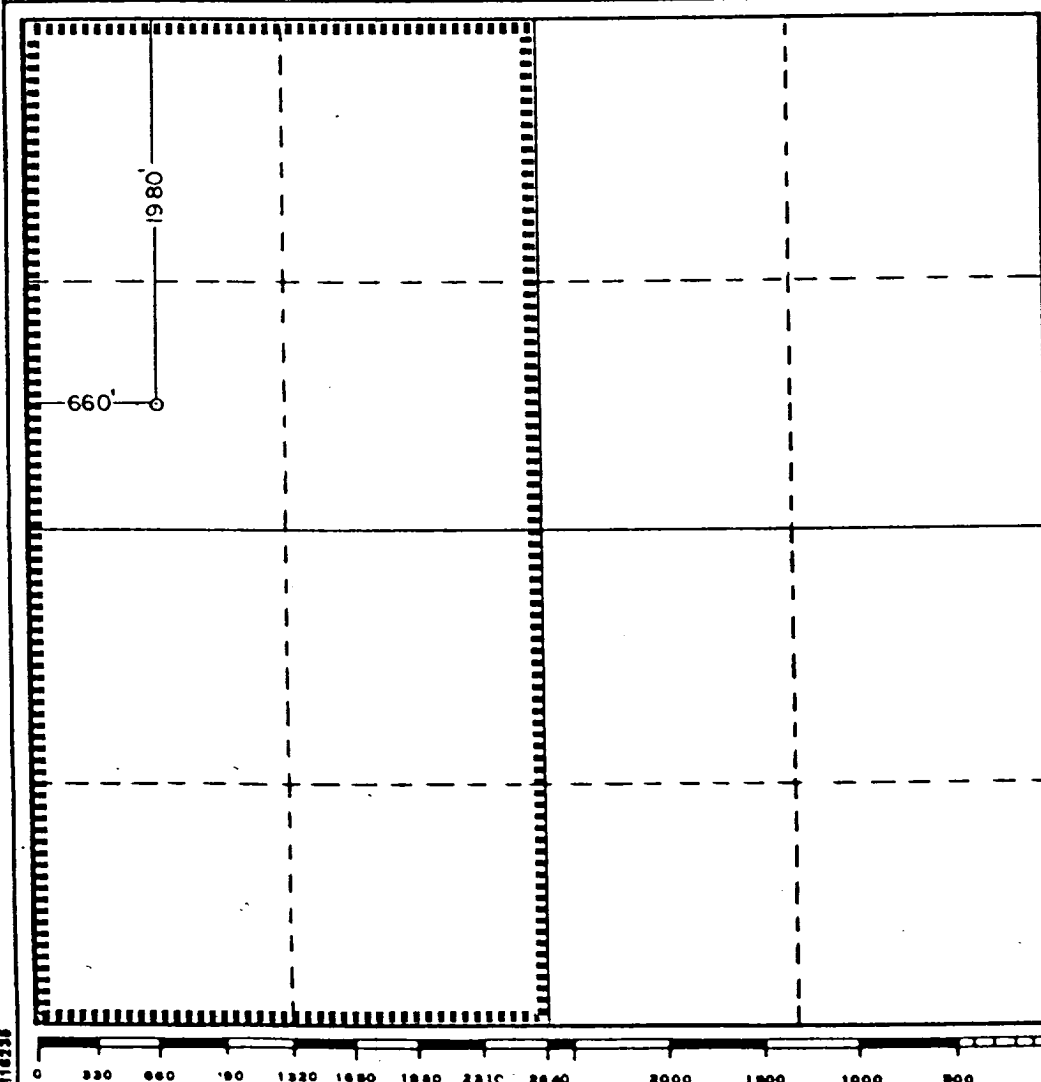
1980	feet from the	NORTH	line and	660	feet from the	WEST	line
Ground Level Elev. 3881.3	Producing Formation Montoya		Pool Wildcat		Dedicated Acreage: 320		Acres

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). SINGLE LEASE
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 \_\_\_\_\_

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.

Name  
JERRY W. LONG

Position  
Permit Agent

Company  
BHP PETROLEUM (AMERICAS) INC.

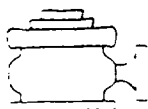
Date  
April 23, 1991

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveying by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
4-12-91

Registered Professional Engineer and/or Land Surveyor

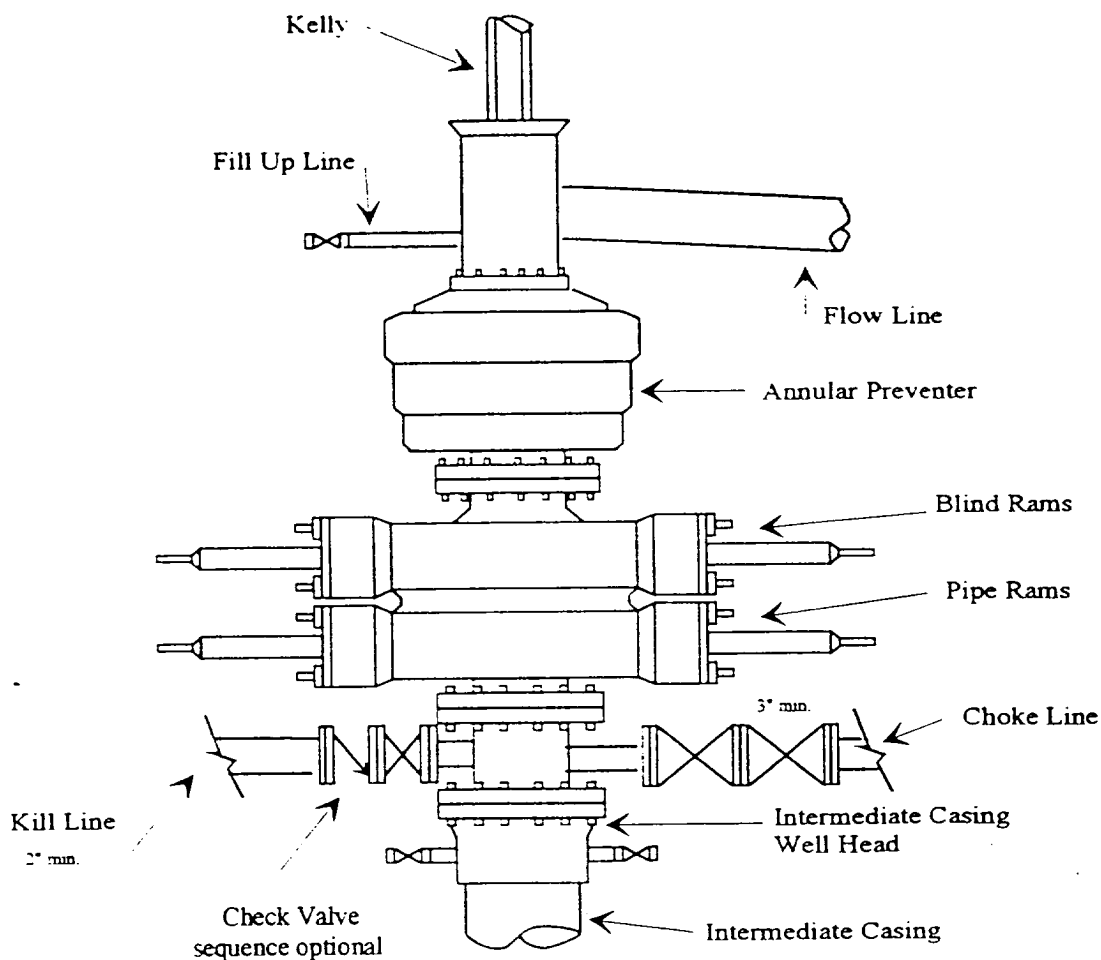
Certificate No. JOHN W. WEST, 674  
RONALD J. EIDSON, 323



# 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

