

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-101
Revised March 17, 1999

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, New Mexico 88210		² OGRID Number 025575
		³ API Number 30-025-35068
⁴ Property Code 23/24	⁵ Property Name Big Flat ASN State Com	⁶ Well No. 3

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County
0	10	16S	35E		845	South	1980	East	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot 1dn	Feet from the	North/South line	Feet from the	East/West line	County

⁹ Proposed Pool 1 Wildcat Mississippian	¹⁰ Proposed Pool 2
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¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary Rotary	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3994'
¹⁶ Multiple No	¹⁷ Proposed Depth 12325'	¹⁸ Formation Mississippian	¹⁹ Contractor Not Designated	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"	48#	400'	400 sx	Circulated
12 1/4"	9 5/8"	36# & 40#	4750'	1400 sx	Circulated
8 3/4"	7"	26# & 32#	TD	450 sx	TOC 8500'

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 Proposed Drilling Program.

Permit Expires 1 Year From Approval
Date Unless Drilling Underway

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Clifton R. May</i> Printed name: CLIFTON R. MAY Title: REGULATORY AGENT Date: 6-22-00 Phone: (505) 748-1471		OIL CONSERVATION DIVISION Approved by: <i>Chris Williams</i> DISTRICT I SUPERVISOR Title: <i>2040 S Pacheco</i> Approval Date: <i>6/22/00</i> Expiration Date: <i>6/22/01</i> Conditions of Approval: Attached ☐	
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80
mlp

The Shoebar Strawn, Northwest pool has not been completed, there will be no production curve for this zone.

YATES PETROLEUM CORPORATION
APPLICATION FOR ADMINISTRATIVE APPROVAL
DOWNHOLE COMMINGLING
OWNERS OF INTEREST
BIG FLAT ASN STATE COM #3
LEA COUNTY, NEW MEXICO

Ocean Energy
P. O. Box 4970
Houston, TX 77210-4970

Mobil Producing TX & NM, Inc.
P. O. Box 676328
Dallas, TX 75267-6328

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210
TELEPHONE (505) 748-1471

S. P. YATES
CHAIRMAN OF THE BOARD
JOHN A. YATES
PRESIDENT
PEYTON YATES
EXECUTIVE VICE PRESIDENT
RANDY G. PATTERSON
SECRETARY
DENNIS G. KINSEY
TREASURER

September 7, 2000

Ocean Energy
P. O. Box 4970
Houston, TX 77210-4970

Dear Sir or Madam,

Yates Petroleum Corporation has made an application for administrative approval for downhole commingling for the Big Flat ASN State Com #3 located in Unit O of Section 10, Township 16 South, Range 35 East, Lea County. Please find a copy of application enclosed. This will serve as notification to any interest owner.

Should you have any questions, or need additional information, please call me at (505) 748-4174.

Sincerely,

Albert R. Stall
Operations Engineer

ARS/th

MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986



105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210
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Mobil Producing TX & NM, Inc.
P. O. Box 676328
Dallas, TX 75267-6328

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Sincerely,

Albert R. Stall
Operations Engineer

ARS/th

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State of New Mexico
Energy Minerals and Natural Resources

Form C-107
Revised March 17, 1999

Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Filing Instructions
At Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

Yates Petroleum Corporation	105 South Fourth Street	Artesia, NM 88210
Operator	Address	
Big Flat ASN State Com	3	O 10 16S 35E Lea
Lease	Well No.	Unit Ltr. - Sec - Twp - Rge County

All applicants for multiple completion must complete Items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Townsend Permo-Upper Penn (Cisco) & Shobar Strawn, Northwest (downhole commingle-C107a Application filed)		North Shobar Atoka (Gas-96763)
b. Top and Bottom of Pay Section (Perforations)	11,255'-11,302' (Strawn) & 10,818'-10,889' (Cisco)		11,850'-11,862' & 11,573'-11,584'
c. Type of production (Oil or Gas)	Oil		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
e. Daily Production ☐ Actual ☒ Estimated Oil Bbls. Gas MCF Water Bbls.	700 bopd 1400 mcf 50 bwpd		75 bopd 4000 mcf 5 bwpd

2. The following must be attached:

- Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
- Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
- Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

OPERATOR:

I hereby certify above information is true and complete to best of my knowledge, and belief.

Signature Albert R. Stall

Printed Name & Title Albert R. Stall Operations Engineer

Date September 7, 2000 Telephone (505) 748-4174

OIL CONSERVATION DIVISION

Approved by _____

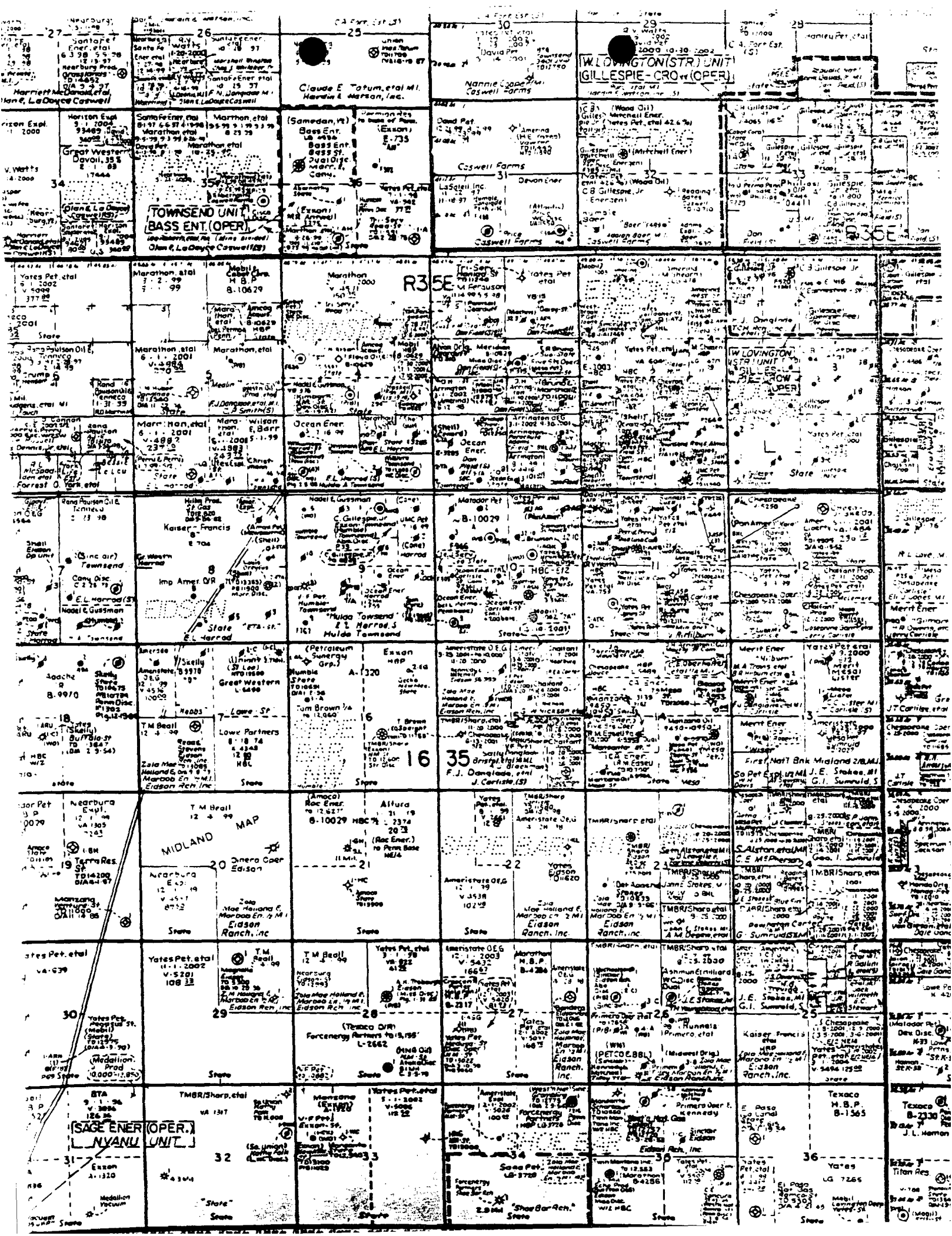
ORIGINAL SIGNED BY CHRIS WILLIAMS
DISTRICT I SUPERVISOR

Date SEP 19 2000
Mud Commingle approved 6-8 completion
CW/SP

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

FILING INSTRUCTIONS:

- District Approval - See rule 112-A-B -- Submit 4 copies of Form C-107 with attachments to appropriate district office.
- Division Director Administrative Approval - See Rule 112-C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.



Names and Addresses of Offset Operators

Big Flat ASN State Com #3

O-10-16S-35E

Lea County, NM

- | | |
|--|--|
| 1) Ocean Energy
P. O. Box 4970
Houston, TX 77210-4970 | 10) Nolan Brunson, Inc.
P. O. Box 2390
Hobbs, NM 88241 |
| 2) Union Oil Company of CA
P. O. Box 3100
Midland, TX 79702 | |
| 3) Matador Petroleum
P. O. Box 891684
Dallas, TX 75389-1684 | |
| 4) Shell Oil Co.
P. O. Box 100329
Houston, TX 77212 | |
| 5) Texas Pacific Oil Co.
P. O. Box 22880
Dallas, TX 75221-2880 | |
| 6) UMC Petroleum Company
P. O. Box 4971
Houston, TX 77210-4971 | |
| 7) Nearburg Production Company
P. O. Box 841585
Dallas, TX 75284-1585 | |
| 8) Chesapeake Operating, Inc.
P. O. Box 99810
Oklahoma City, OK 73199 | |
| 9) David H. Arrington Oil & Gas, Inc.
P. O. Box 2071
Midland, TX 79702 | |

WELL NAME: Big Flat ASN State Com #3

FIELD: _____

LOCATION: 845' FSL & 1980' FEL Sec 10-16S-35E

Lea County

GL: 3994' ZERO: _____ KB: _____

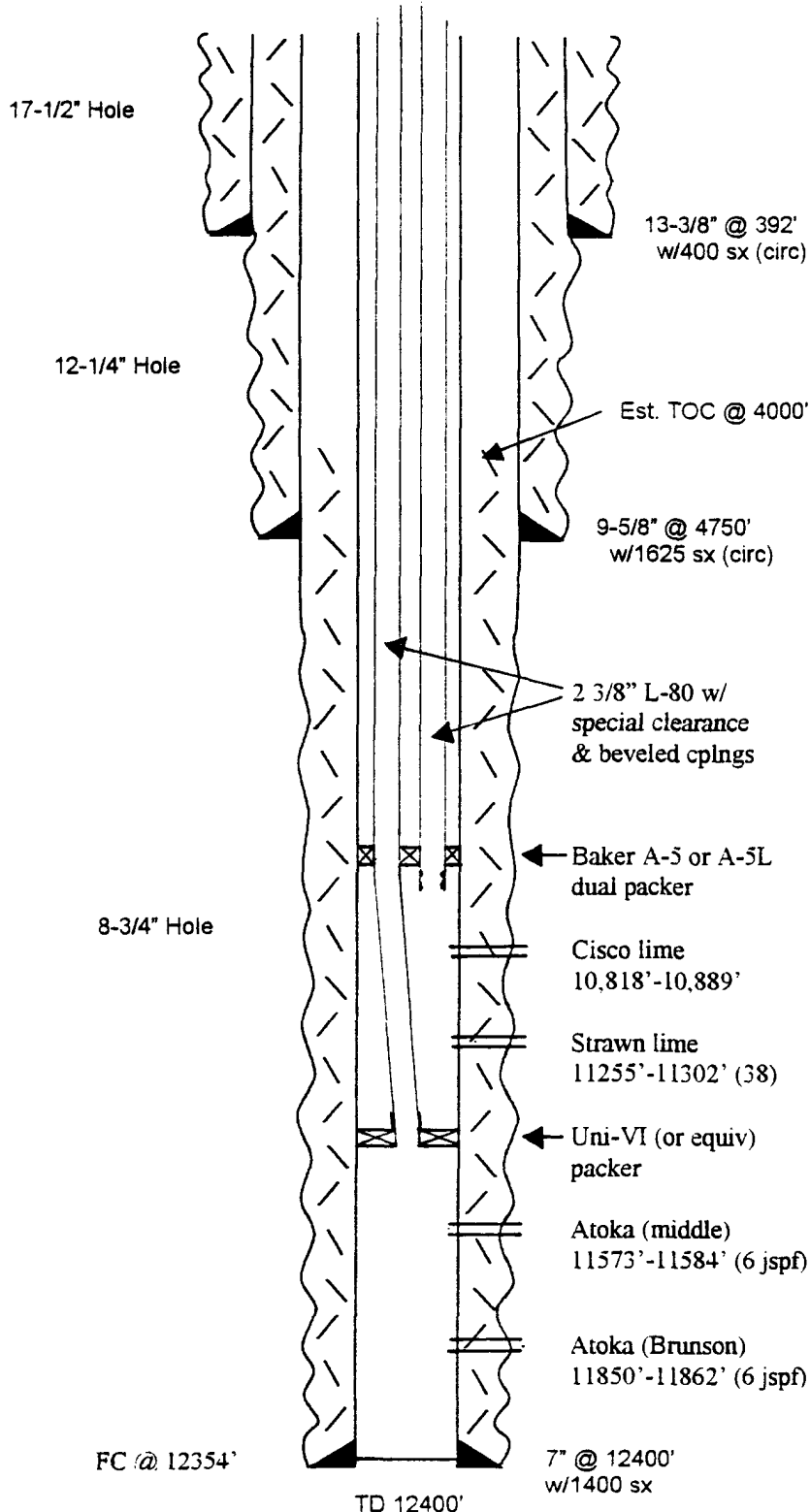
SPUD DATE: _____ COMPLETION DATE: _____

COMMENTS: _____

CASING PROGRAM

13-3/8" 48# H40 ST&C	400'
9-5/8" 36#, 40# J55 ST&C	4750'
7" 32# P110 (sb) (1035')	12400'
7" 26# S/P (sb) (703')	
7" 26# S/P (varn) (2096')	
7" 26# N-80 (varn) (2324')	
7" 26# J-55 (varn) (2547')	
7" 26# L-80 (varn) (3712')	

NOT TO SCALE



8/1/00 DST 1 **Wolfcamp** 9600'-9650': DP Rec 362' water @ 85,000 CI: Sampler 2600 cc water @ 87000 ci: Mud 9.2 ppg: IFP-27-87, ISIP-3657, 2nd FP-91-258, FSIP-3646

8/7/00 DST 2 **Cisco** 10802'-10852': Flowed 55 psi x 1/4"=103 mcf/d; DP Rec-954' BO + 220' GCM: Sampler 4.23 cf gas + 630 cc oil: IFP-112-378, ISIP-5106, 2nd FP-125-825, FSIP-4929

8/14/00 DST 3 **Strawn** 11240'-11300': F 750 psi x 1/4", Flowed back 36 bo and reversed out 20 bo; Sampler 11.7 cf gas + 800 cc oil: IFP-937-1155, ISIP-4324, 2nd FP 1642-2627, FSIP-4203 **Strawn** lime 11255'-11302' (38)

PROPOSED DRILLING PROGRAM

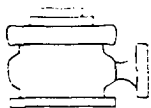
Big Flat "ASN" State Com #3

Page 2

Yates Petroleum Corporation proposes to drill and test the Mississippian and intermediate formations. Approximately 400' of 13 3/8" surface casing will be set and cement circulated. Approximately 4750' of 9 5/8' intermediate casing will be set and cement circulated. If commercial, 7" production casing will be set and cemented with 450 sacks cement bring the approximate top of cement to 8500'. The well will be perforated and stimulated as needed to gain production.

MUD PROGRAM: Spud to 400' with FW Gel/Paper with a weight of 8.6-9.6 and viscosity of 32-36; 400' to 4750' with FW going to brine with a weight of 8.7-10.2 with viscosity of 32-34; 4750' to 10800' with cut Brine with a weight of 8.9-9.4 and viscosity of 28; 10800' to TD with Salt Gel/Starch/Drispac with a weight of 9.5-10 with a viscosity of 34-38.

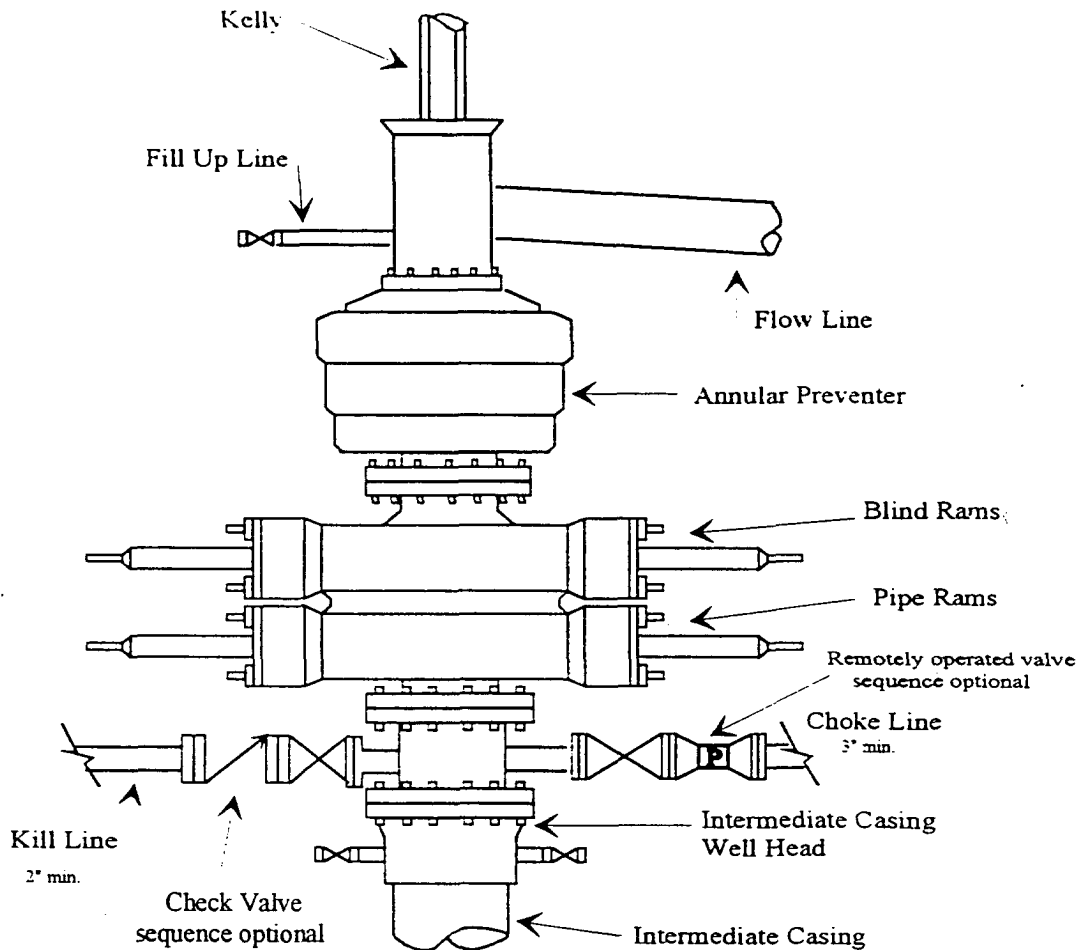
BOPE PROGRAM: A 5000# BOPE will be installed on the 9 5/8' casing and tested daily for operational.



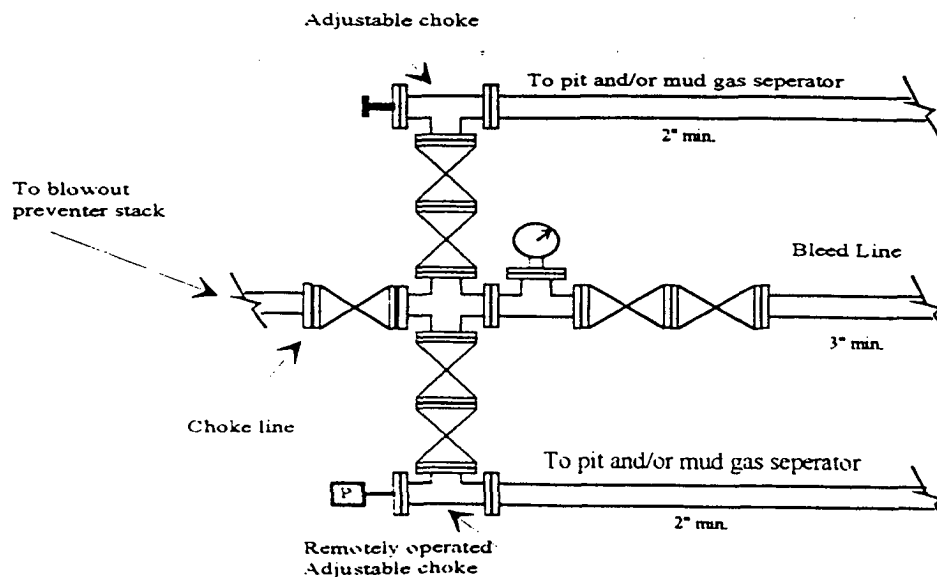
Yates Petroleum Corporation

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



District I
PO Box 1988, Hobbs, NM 88241-1988
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

Form C-10
Revised February 10, 1991
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-35066		2 Pool Code 56280		3 Pool Name Shoebar Strawn, Northwest		
4 Property Code 23124		5 Property Name Big Flat ASN State Com			6 Well Number 3	
7 OGRID No. 025575		8 Operator Name Yates Petroleum Corporation			9 Elevation 3994'	

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	10	16S	35E		845	South	1980	East	Lea

11 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

12 Dedicated Acres 32068	13 Joint or Infill	14 Consolidation Code	15 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

16				17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Tina Huerta Signature Tina Huerta Printed Name Operations Technician Title 9-7-00 Date
				18 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 of Survey Signature and Seal of Professional Surveyor: Certificate Number

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DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

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

Form C-102
Revised March 17, 1969
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ **AMENDED REPORT**

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-35066	Pool Code ✓	Pool Name WILDCAT MISSISSIPPIAN
Property Code 23124	Property Name BIG FLAT "ASN" STATE COM	Well Number 3
OGRIID No. 025375	Operator Name YATES PETROLEUM CORPORATION	Elevation 3994

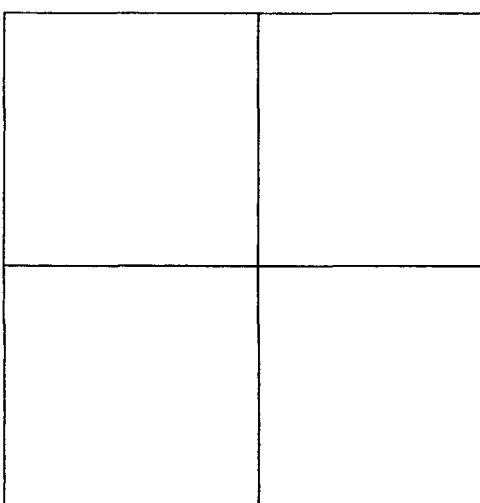
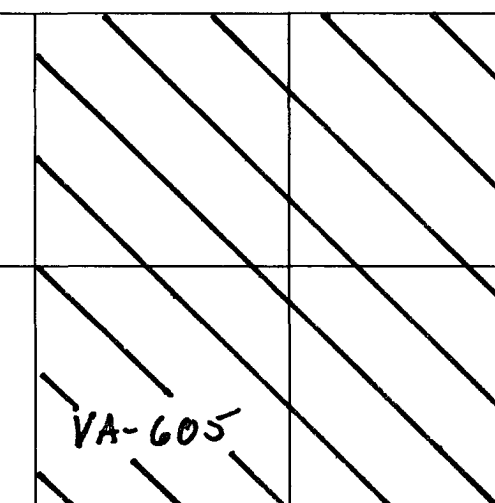
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	10	16S	35E		845	SOUTH	1980	EAST	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**

		OPERATOR CERTIFICATION <i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i> <u>Clifton R. May</u> Signature <u>Clifton R. May</u> Printed Name <u>Regulatory Agent</u> Title <u>6-22-00</u> Date SURVEYOR CERTIFICATION <i>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.</i> <u>6/19/2000</u> Date Surveyed <u>Herschel L. Jones</u> Signature & Seal of Professional Surveyor  Certificate / No. Herschel L. Jones RLS 3640 BIG FLAT 3 DISK 2B GENERAL SURVEYING COMPANY
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ELF
9/24/62
ABOVE DATE DOES NOT
INDICATE WHEN
CONFIDENTIAL LOGS
WILL BE RELEASED

