

Submit to Appropriate District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

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

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

API NO. (assigned by OCD on New Wells) <u>30-025-30596</u>
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. V-1618

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: DRILL <input checked="" type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	7. Lease Name or Unit Agreement Name New Mexico "FJ" State
b. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Well No. 1
2. Name of Operator Exxon Corporation	9. Pool name or Wildcat See Below
3. Address of Operator P.O. Box 1600	
4. Well Location Unit Letter <u>I</u> : <u>1650</u> Feet From The <u>South</u> Line and <u>990</u> Feet From The <u>East</u> Line Section <u>32</u> Township <u>20-S</u> Range <u>33-E</u> NMPM <u>Lea</u> County	

10. Proposed Depth 14000	11. Formation See Below	12. Rotary or C.T. Rotary
13. Elevations (Show whether DF, RT, GR, etc.) 3635 GR	14. Kind & Status Plug. Bond Blanket	15. Drilling Contractor Unknown
16. Approx. Date Work will start 5-1-89		

17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2	13 3/8	54.5	550	350 sxs CLC	Surf
12 1/4	9 5/8	40	4800	950 sxs CLC	Surf
8 1/2	5 1/2	20, 17	13800	1150 sxs CLC	7500

BOPs: Minimum W.P. 3000 psi., sketches attached.

Salt Lake Morrow South - Morrow
Salt Lake Atoka South - Atoka
Salt Lake Bone Springs - Bone Springs

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Charlotte Harper TITLE Permits Supervisor DATE 4-14-89
TYPE OR PRINT NAME Charlotte Harper (915) 688-7548 TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY JERRY SEXTON
DISTRICT I SUPERVISOR

APPROVED BY _____ TITLE _____ DATE JUN 6 1989

CONDITIONS OF APPROVAL, IF ANY:

NSL-2660

Permit Expires 6 Months From Approval Date Unless Drilling Underway.

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WELL LOCATION AND ACREAGE DEDICATION PLAT

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

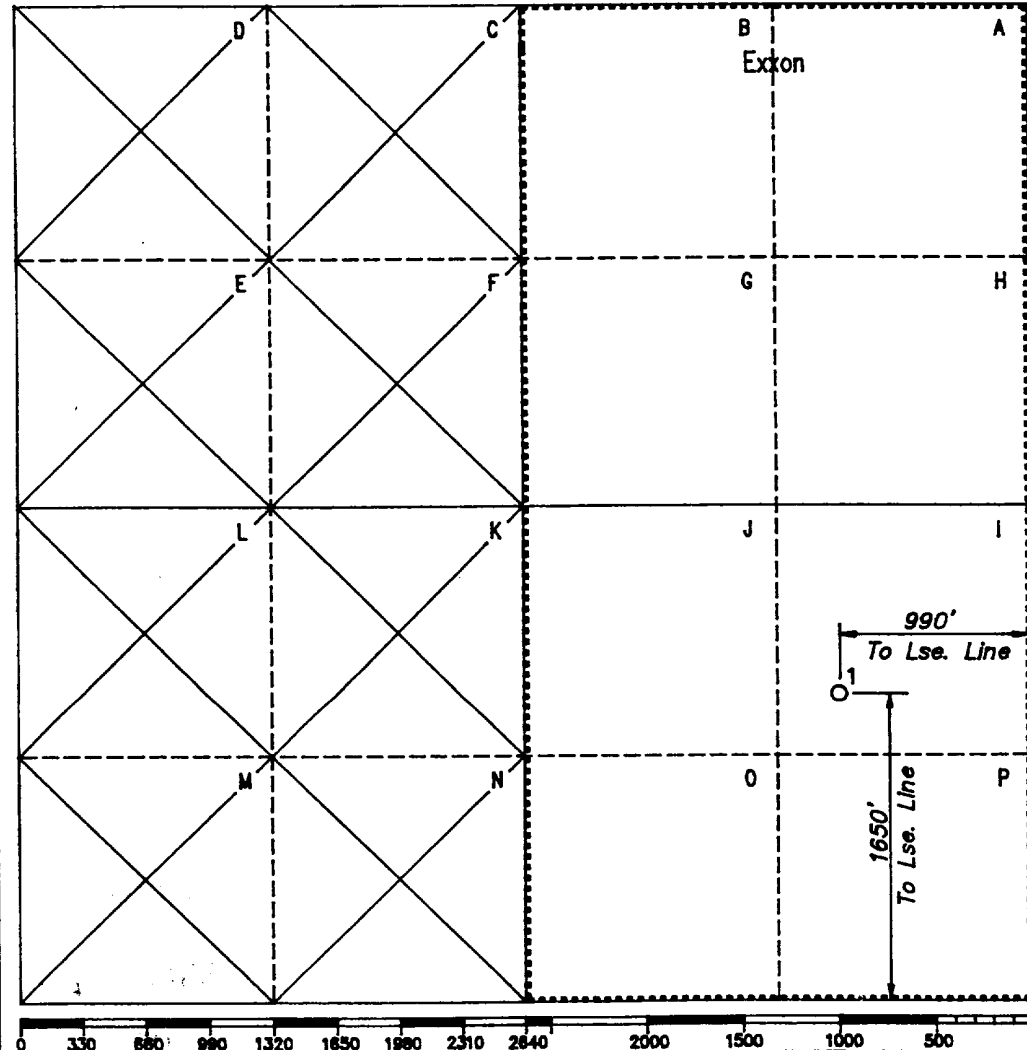
Operator Exxon Corporation			Lease NEW MEXICO "FJ" STATE		Well No. 1
Unit Letter I	Section 32	Township 20S	Range 33E	NMPM	County LEA
Actual Footage Location of Well: 1650 feet from the SOUTH line and 990 feet from the EAST line.					
Ground level Elev. 3640	Producing Formation ATOKA		Pool SALT LAKE ATOKA SOUTH		Dedicated Acreage: 320 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hocure 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 interest 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 acreage 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature
Charlotte Harper

Printed Name
Charlotte Harper

Position
PERMITS SUPERVISOR

Company **Exxon Corporation**
P.O. Box 1600—Midland, Tx.—79702

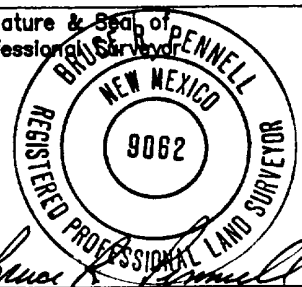
Date
4-14-89

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 knowledge and belief.

Date Surveyed
Restaked 4-7-89

Signature & Seal of Professional Surveyor
Bruce R. Pennell



Certificate No. **9062**

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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Fee Lease-3 copies

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

Operator Exxon Corporation		Lease NEW MEXICO "FJ" STATE		Well No. 1
Unit Letter I	Section 32	Township 20S	Range 33E NMPM	County LEA

Actual Footage Location of Well:
1650 feet from the **SOUTH** line and **990** feet from the **EAST** line.

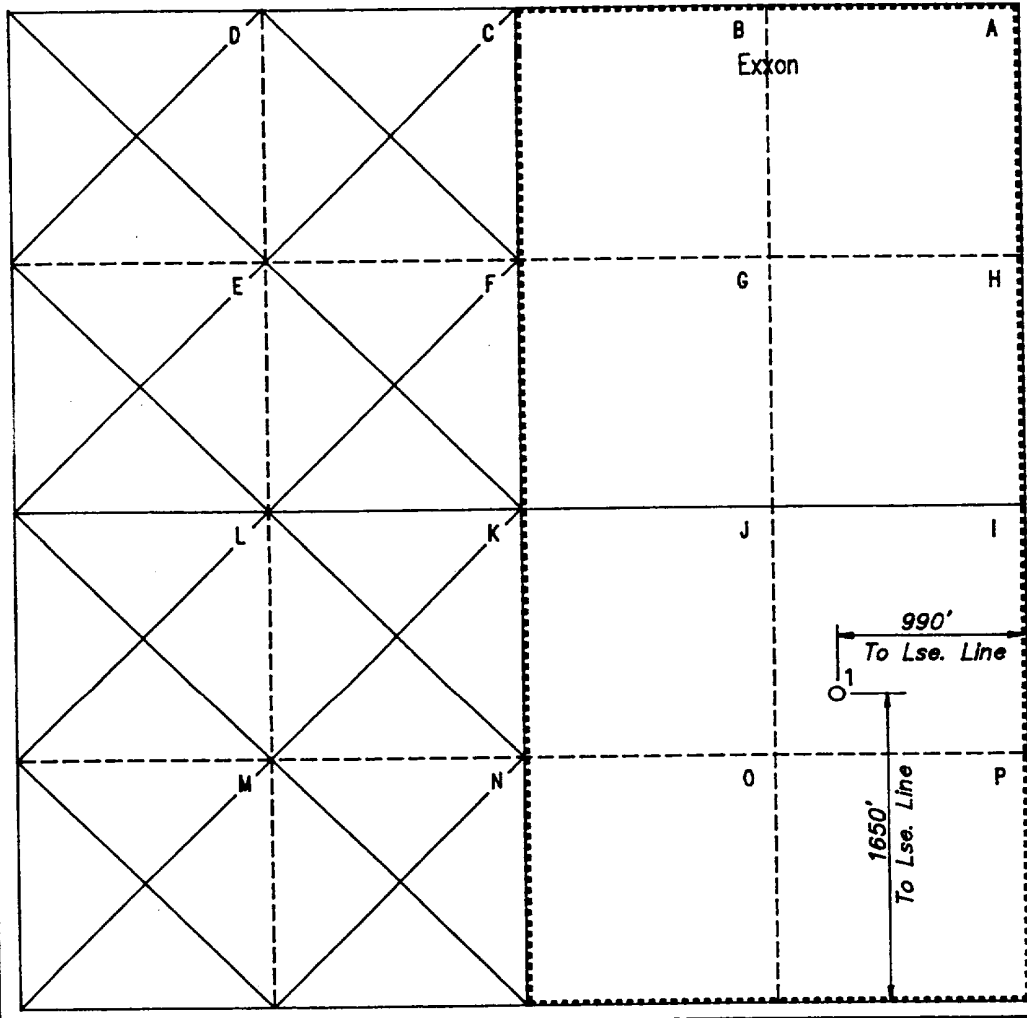
Ground level Elev. 3640	Producing Formation MORROW	Pool SALT LAKE MORROW SOUTH	Dedicated Acreage: 320 Acres
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- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated 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 interest 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 allowance 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 interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature: *Charlotte Harper*

Printed Name: **Charlotte Harper**

Position: **PERMITS SUPERVISOR**

Company: **Exxon Corporation**
P.O. Box 1600-Midland, Tx.-79702

Date: **4-14-89**

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 knowledge and belief.

Date Surveyed: **Restaked 4-7-89**

Signature & Seal of Professional Surveyor

William K. Pennell

WILLIAM K. PENNELL
NEW MEXICO
REGISTERED PROFESSIONAL LAND SURVEYOR
9062

Certificate No. **9062**



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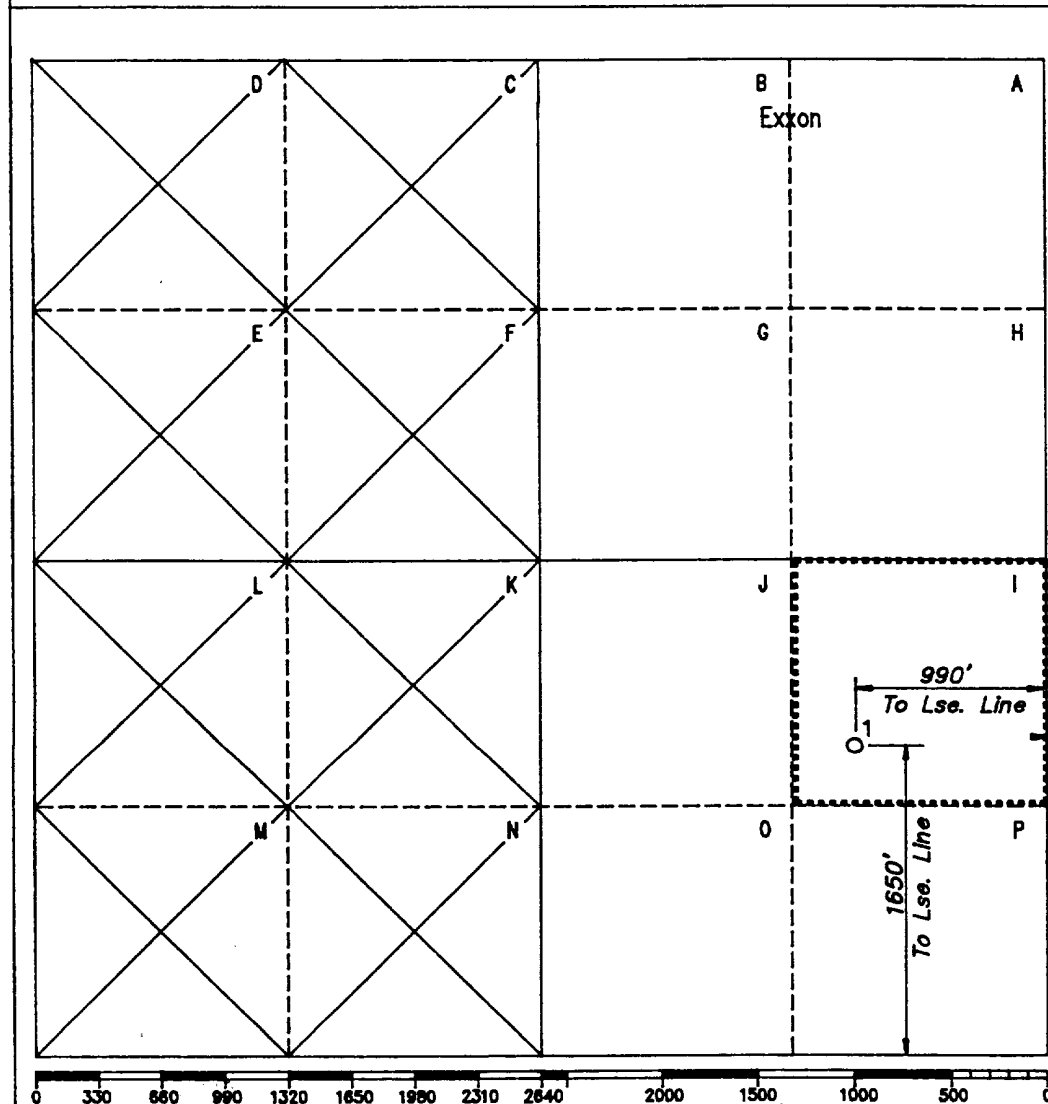
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

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

Operator Exxon Corporation			Lease NEW MEXICO "FJ" STATE		Well No. 1
Unit Letter I	Section 32	Township 20S	Range 33E	NMPM	County LEA
Actual Footage Location of Well: 1650 feet from the SOUTH line and 990 feet from the EAST line.					
Ground level Elev. 3640	Producing Formation BONE SPRING		Pool SALT LAKE BONE SPRING		Dedicated Acreage: 40 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 interest 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 interest, has been approved by the Division.



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

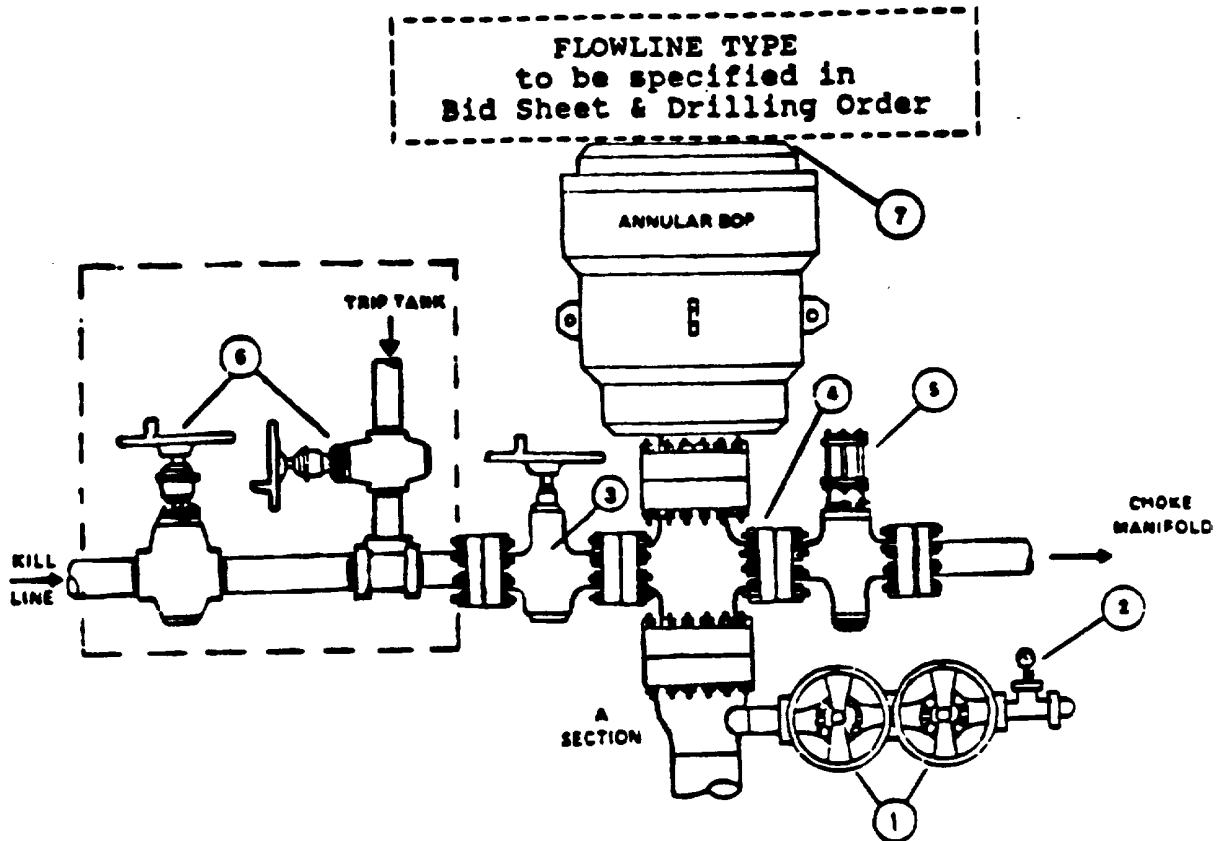
Signature: *Charlotte Harper*
Printed Name: Charlotte Harper
Position: PERMITS SUPERVISOR
Company: Exxon Corporation
P.O. Box 1600-Midland, Tx.-79702
Date: 4-14-89

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 knowledge and belief.

Date Surveyed: Restaked 4-7-89
Signature & Seal of **DAVID H. PENNELL**
Professional Surveyor
REGISTERED PROFESSIONAL LAND SURVEYOR
NEW MEXICO
9062
Certificate No. 9062

TYPE-SA BOP STACK

ANNULAR



COMPONENT SPECIFICATIONS

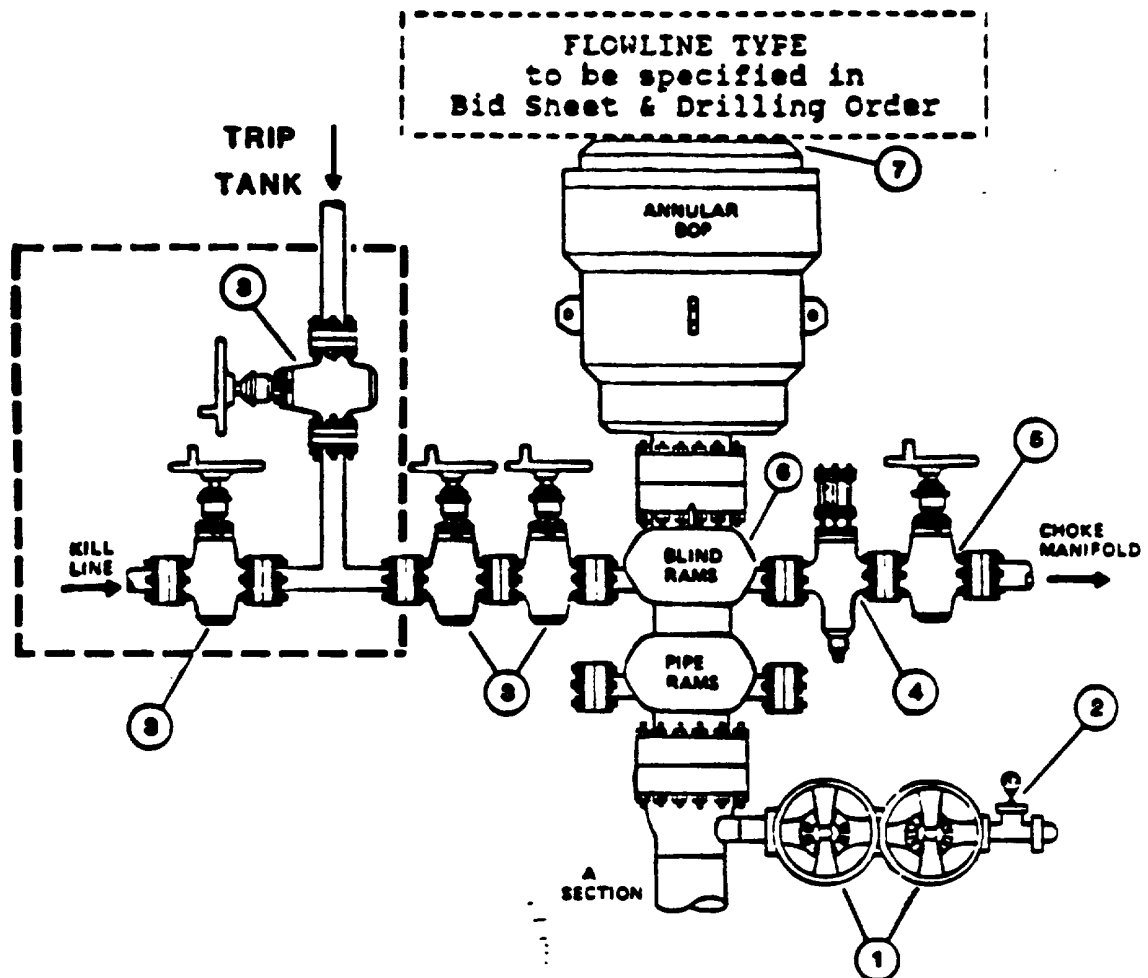
1. Screwed or flanged plug or gate valves -- 2" minimum nominal dia. -- same working pressure as "A" section.
2. Tee with tapped bullplug, needle valve, and pressure gauge.
3. Flanged plug or gate valve -- 2" minimum nominal dia. -- same working pressure as BOP stack.
4. Drilling spool. -- 3" choke and 2" kill line minimum nominal dia.
5. Flanged hydraulically controlled gate valve -- 3" minimum nominal dia. -- same working pressure as BOP stack.
6. Flanged or screwed gate or plug valve -- 2" minimum nominal dia. -- same working pressure as BOP stack. NOTE: Valves are optional if trip tank is tied into Flowline Type.
7. Top of annular preventer must be equipped with an API flange ring gasket. All flange studs must be in place or holes filled in with screw type plugs.

NOTE:

- A. Unless specified otherwise in the Bid Letter and/or Contract, the contractor will furnish and maintain all components shown above Exxon's wellhead.
- B. The choke line between the drilling spool and choke manifold should not contain any bend or turn in the pipe body. Any bend or turn required should be made with a running tee with a blind flange or welded bullplug. All connections should be flanged or welded. All fabrications requiring welding must be done by a certified welder. Welds should be stress relieved when required.
- C. Plug valves should be equivalent to the Howco Lo-Torc and gate valves equivalent to the Cameron Type 'F'.

TYPE-RRA BOP STACK

THREE PREVENTERS



COMPONENT SPECIFICATIONS

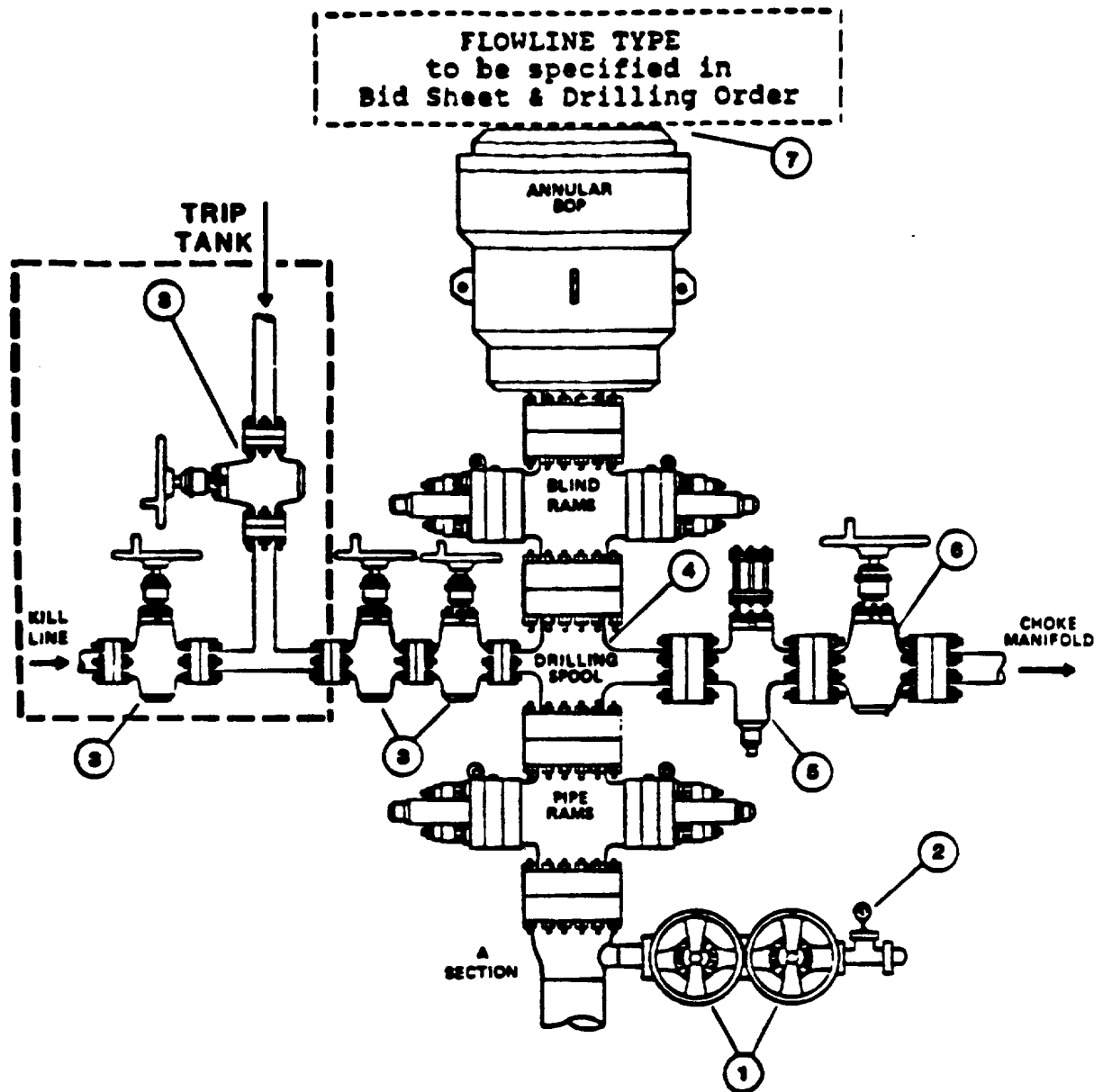
1. Screwed or flanged plug or gate valves -- 2" minimum nominal dia. -- same working pressure as "A" section.
2. Tee with tapped bullplug, needle valve, and pressure gauge.
3. Flanged plug or gate valve -- 2" minimum nominal dia. -- same working pressure as BOP stack. NOTE: Outer valves are optional if pump type trip tank is tied into Flowline Type.
4. Flanged hydraulically controlled gate valve -- 3" minimum nominal dia. -- same working pressure as BOP stack.
5. Flanged plug or gate valve -- 3" minimum nominal dia. -- same working pressure as BOP stack.
6. BOP outlets must be 2" minimum nominal dia. for kill line and 3" minimum dia. for choke line.
7. Top of annular preventer must be equipped with an API flange ring gasket. All flange studs must be in place or holes filled in with screw type plugs.

NOTE:

- A. Unless specified otherwise in the Bid Letter and/or Contract, the contractor will furnish and maintain all components shown above Exxon's wellhead.
- B. The choke line between the drilling spool and choke manifold should not contain any bend or turn in the pipe body. Any bend or turn required should be made with a running tee with a blind flange or welded bullplug. All connections should be flanged or welded. All fabrications requiring welding must be done by a certified welder. Welds should be stress relieved when required.
- C. Plug valves should be equivalent to the Howco Lo-Torc and gate valves equivalent to the Cameron Type 'F'.

TYPE-RSRA BOP STACK

THREE PREVENTERS



1. Screwed or flanged plug or gate valves -- 2" minimum nominal dia. -- same working pressure as "A" section.
2. Tee with tapped bullplug, needle valve, and pressure gauge.
3. Flanged plug or gate valve -- 2" minimum nominal dia. -- same working pressure as BOP stack. NOTE: Outer valves are optional if pump type trip tank is tied into Flowline Type.
4. Drilling spool of sufficient height to allow stripping with 2 flanged side outlets -- 3" choke and 2" kill line minimum nominal dia.
5. Flanged hydraulically controlled gate valve -- 3" minimum nominal dia. -- same working pressure as BOP stack.
6. Flanged plug or gate valve -- 3" minimum nominal dia. -- same working pressure as BOP stack.
7. Top of annular preventer must be equipped with an API flange ring gasket. All flange studs must be in place or holes filled in with screw type plugs.

NOTE:

- A. Unless specified otherwise in the Bid Letter and/or Contract, the contractor will furnish and maintain all components shown above Exxon's wellhead.
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- C. Plug valves should be equivalent to the Howco Lo-Torc and gate valves equivalent to the Cameron Type 'F'.