

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAR 15 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

MARALO INC.

3. ADDRESS AND TELEPHONE NO.

P.O. BOX 832 MIDLAND, TEXAS 79702 PHONE. 915-684-7441

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1780' FNL & 1980' FEL Sec. 8 T24S-R29E Eddy Co. NM

At proposed prod. zone Same

Unit (G)

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

4 miles East Northeast of Malaga New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1980'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING COMPLETED,

OR APPLIED FOR, ON THIS LEASE, FT.

NA

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

12300

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR: 3023'

Carlsbad Controlled Water Basin

22. APPROX. DATE WORK WILL START*

04/01/95

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
25"	20" Conductor	.3 Wall thickness	40'	Cement to surface with Redi-Mix
17 1/2"	J-55 13 3/8"	54.5	650'	1100 Sx. Circulate to surface
12 1/4"	K-55 9 5/8"	36	2700'	1200 Sx. Circulate to surface
8 1/2"	S-95 7"	29	10,600'	1200 Sx.
6"	P-110 4 1/2"	15	12,300'	400 Sx. Cement top of Liner

1. Drill 25" hole to 40' set 40' of 20" Conductor Pipe. Cement to surface with Redi-Mix.
2. Drill 17 1/2" hole to 650'. Run and set 650' of 13 3/8" J-55 54.5# ST&C casing. Cement with 1100 Sx. Class "C" cement. Circulate cement to surface. Nipple up BOP test csg. & cem.
3. Drill 12 1/4" hole to 2700'. Run 2700' of 9 5/8" K-55 36# ST&C casing. Cement with 1200 Sx. class "C" cement. Circulate cement to surface. Test casing.
4. Drill 8 1/2" hole to 10,600'. Run and set 10,600' of 7" S-95 LT&C casing. Cement with 1200 Sx. Premium cement. Test BOP, casing & choke. Set separator and new line.
5. Drill 6" hole to 12,300'. Run and set a 2000' 4 1/2" P-110 15# FL-45 liner from TD back to 10,300' (300' overlap) cement with 400 Sx. premium cement. Test cement liner and liner top.

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OIL CON. DIV.

DIST. 2

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and estimated true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Joe T. Janice

TITLE

AGENT

Post ID-1
4-14-95

DATE 02/18/95

(This space for Federal or State office use)

New Loc & API

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

Acting

AREA MANAGER

DATE

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations or to any matter within its jurisdiction.

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

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
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 30-015-28446	Pool Code 84355	Pool Name RUSTLER BLUFF; Atoka (GAS)
Property Code	Property Name COCHITI FEDERAL COM. 8	Well Number 1
OGRID No. 014007	Operator Name MARALO, INC.	Elevation 3023

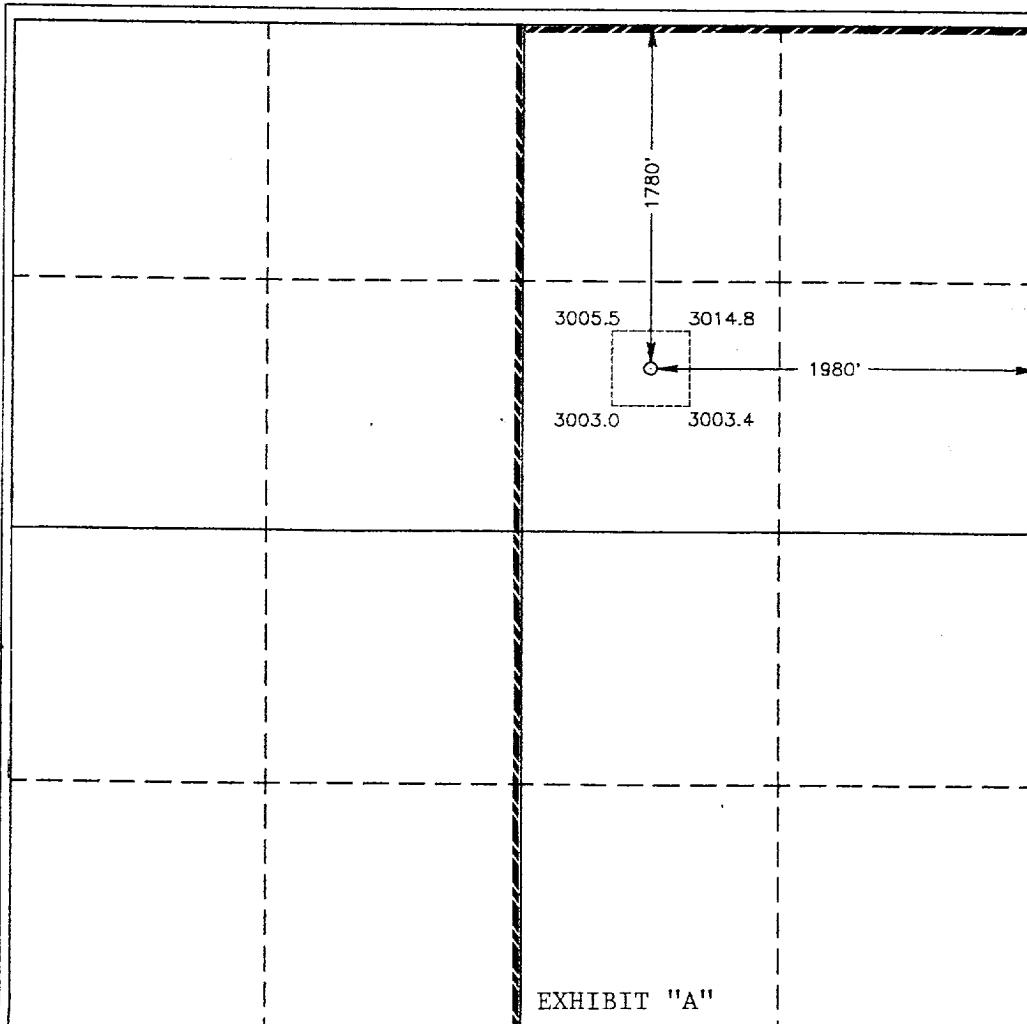
Surface Location

UL or lot No. G	Section 8	Township 24 S	Range 29 E	Lot Idn	Feet from the 1780	North/South line NORTH	Feet from the 1980	East/West line EAST	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 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 hereby certify the the information
contained herein is true and complete to the
best of my knowledge and belief.

Joe T. Janica
Signature
Joe T. Janica
Printed Name
Agent
Title
03/10/95
Date

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.

FEBRUARY 16, 1995

Date Surveyed
Signature of
Professional Surveyor

No. 2295
W.D. 95-10-024

Certificate No. 676
EASON, 3239

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

NM- Lease Designation and Serial No.

NM- 88133

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.
Cochiti Fed. Comm "8" #1

9. API Well No.

10. Field and Pool, or Exploratory Area
Rustler Bluff

11. County or Parish, State
Eddy Co. New Mexico

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Maralo Inc.

3. Address and Telephone No.

P.O. Box 832 Midland, Texas 79702 Ph. 915-684-7441

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1780' FNL & 1980' FEL Sec. 8 T24S-R29E Eddy Co. New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other Clarify APD.
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

- Bottom hole pressure 9000±PSI. Bottom hole temperature 178°
- There is no known H²S problems or occurrence in this area. In drilling the Cochiti Federal Comm. "5" #1 located approximately 2250' North North West no H²S was encountered.
- A5000 PSI BOP will be on till the 7" casing is run to 10600', at this depth a 10,000 PSI BOP will be installed to safely drill to total depth.
- When and if high pressure is encountered mud weight will be increased to balance the formation pressure. Good drilling practices will be employed to prevent any mishaps.

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**OIL CON. DIV.
DIST. 2**

14. I hereby certify that the foregoing is true and correct

Signed

Goert J. J. J.

Title AGENT

Date 03/22/95

(This space for Federal or State office use)

Approved by

[Signature]

Title

[Signature]

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side



DRILLING MANUAL

BLOWOUT PREVENTION EQUIPMENT IADC Recommended BOP Stacks

Section K1
Page 3

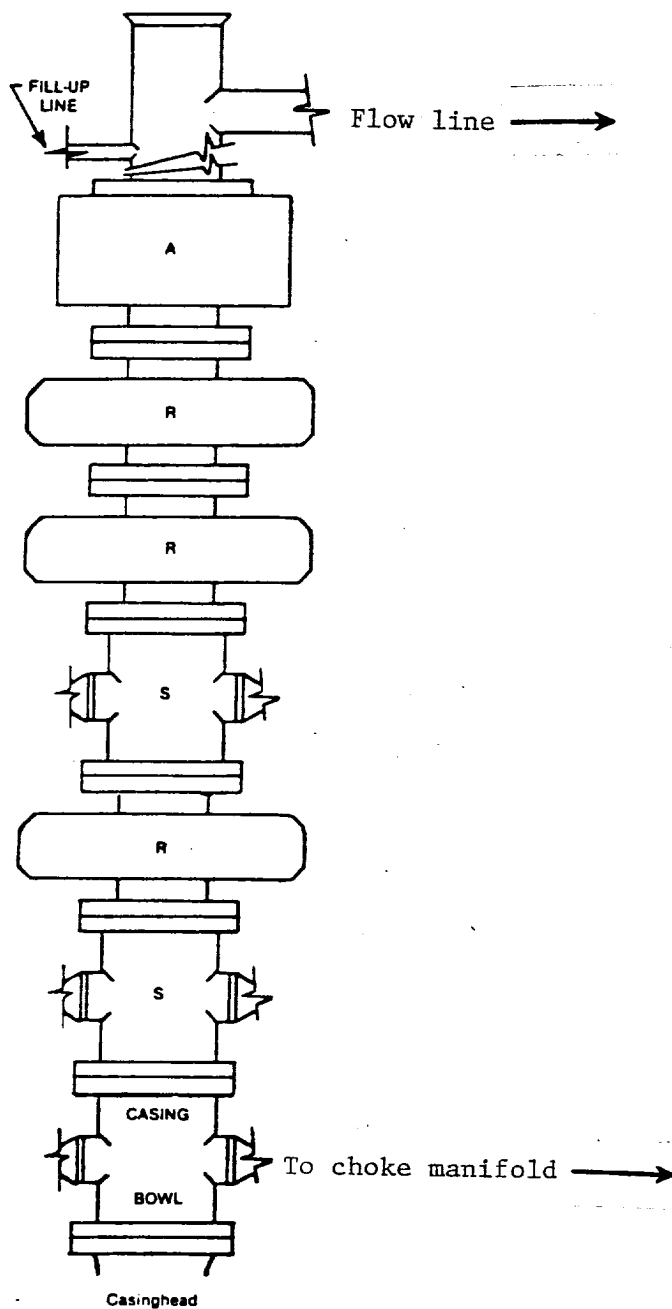


FIGURE K1-3. Recommended IADC Class 10 BOP stack arrangement SRSRRA, 10,000 psi WP. Lower drilling spool is optional with outlets on lower ram. Annular preventers 10,000 psi.

EXHIBIT "E"
B.O.P. SKETCH TO BE USED

MARALO INC.
Cochiti Federal Comm. "8" #1
1780' FNL & 1980' FEL Sec. 8
T24S-R29E Eddy Co. NM

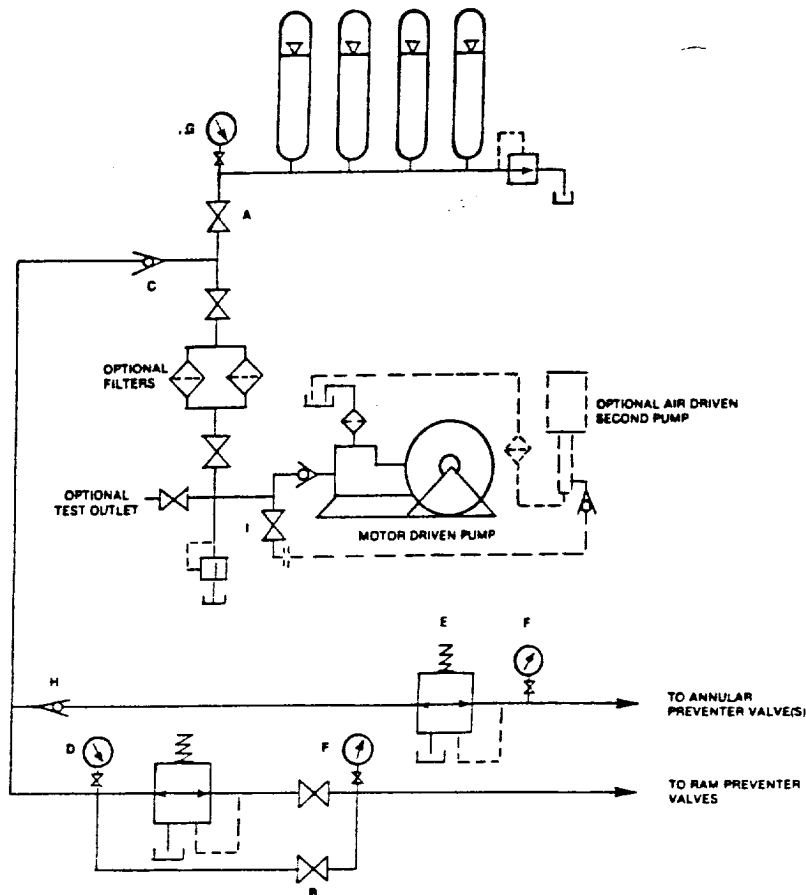


FIGURE K6-1. The schematic sketch of an accumulator system shows required and optional components.

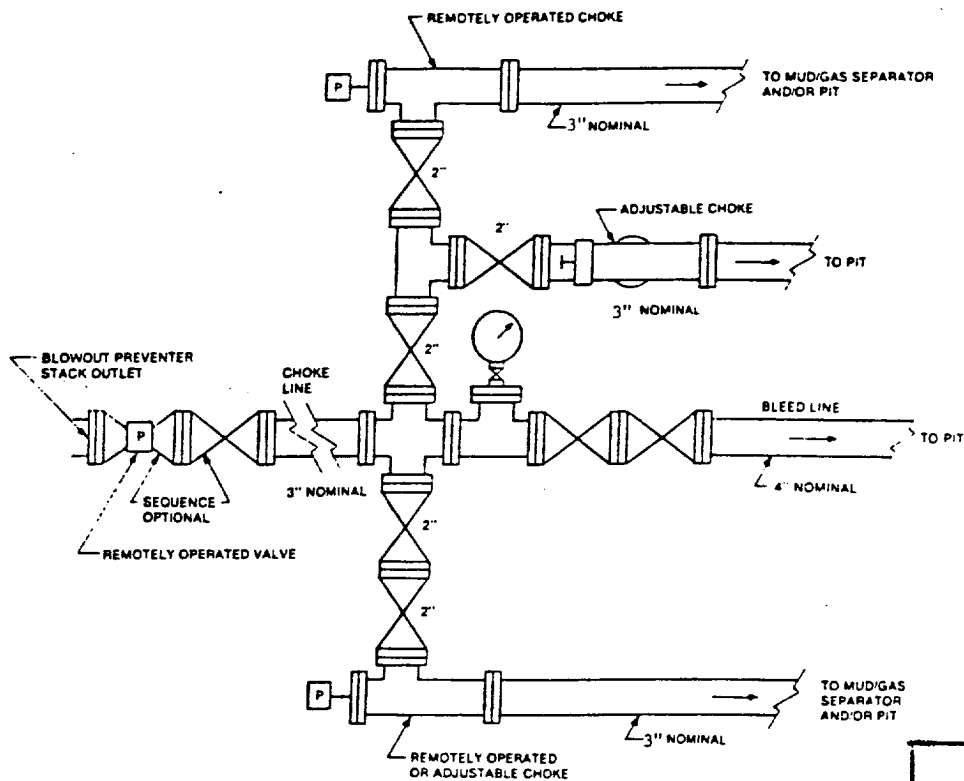
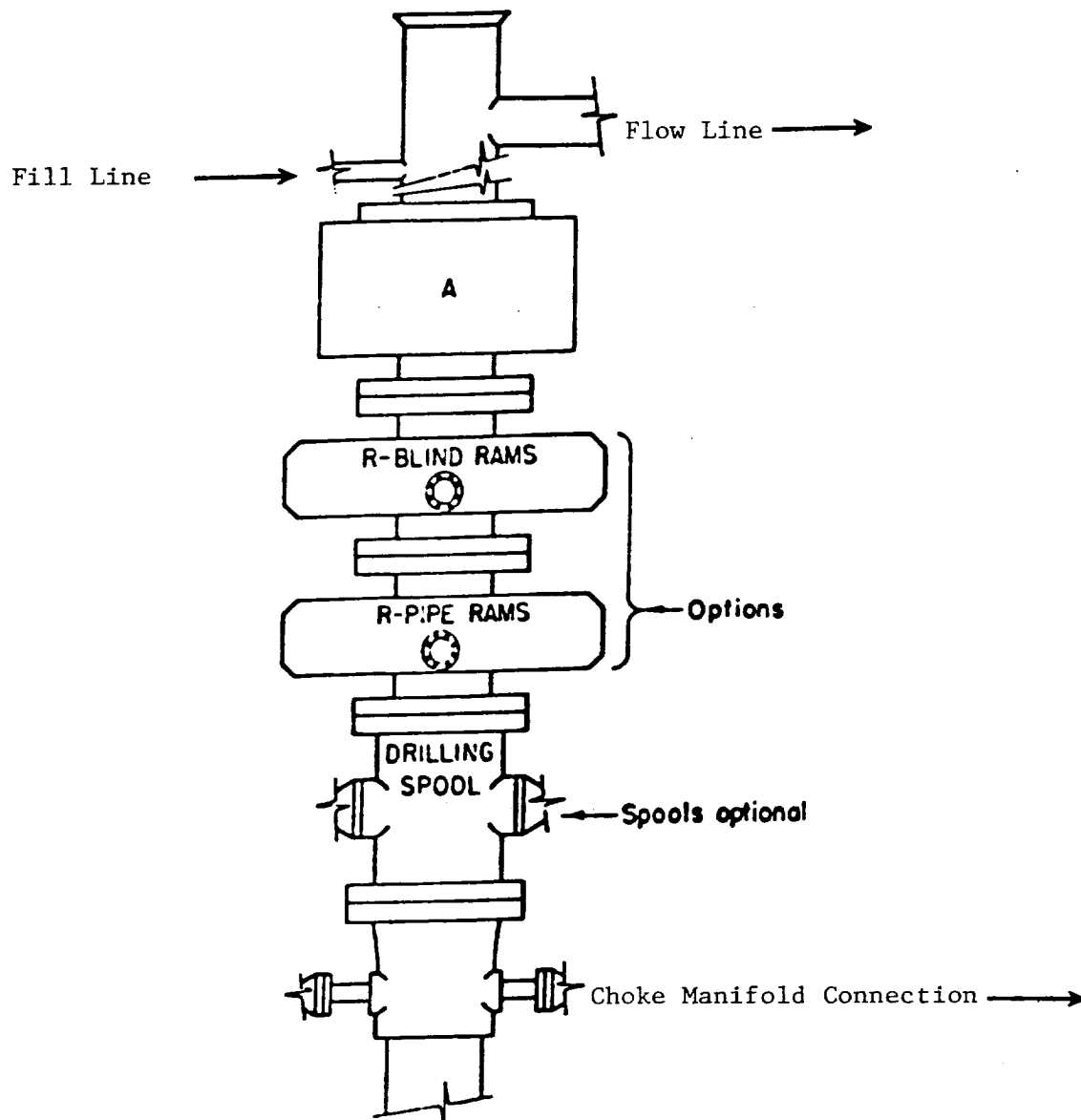


FIGURE K4-3. Typical choke manifold assembly for 10M and 15M rated working pressure service — surface installation.

EXHIBIT "E-1"
CHOKE MANIFOLD & CLOSING UNIT

MARALO INC.

Cochiti Federal Comm. "8" #1
1780' FNL & 1980' FEL Sec. 8
T24S-R29E Eddy Co. NM



ARRANGEMENT SRRA

1500 Series
5000 PSI WP

EXHIBIT "E-2"
B.O.P. SKETCH TO BE USED
ON WELL FROM 650' TO 10,600'
MARALO INC.
COCHITI FEDERAL COMM. "8" #1
1780' FNL & 1980' FEL Sec. 8
T24S-R29E EDDY CO. NM

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CALIF. TO BE VERIFIED
ARE THE ADVERTISERS

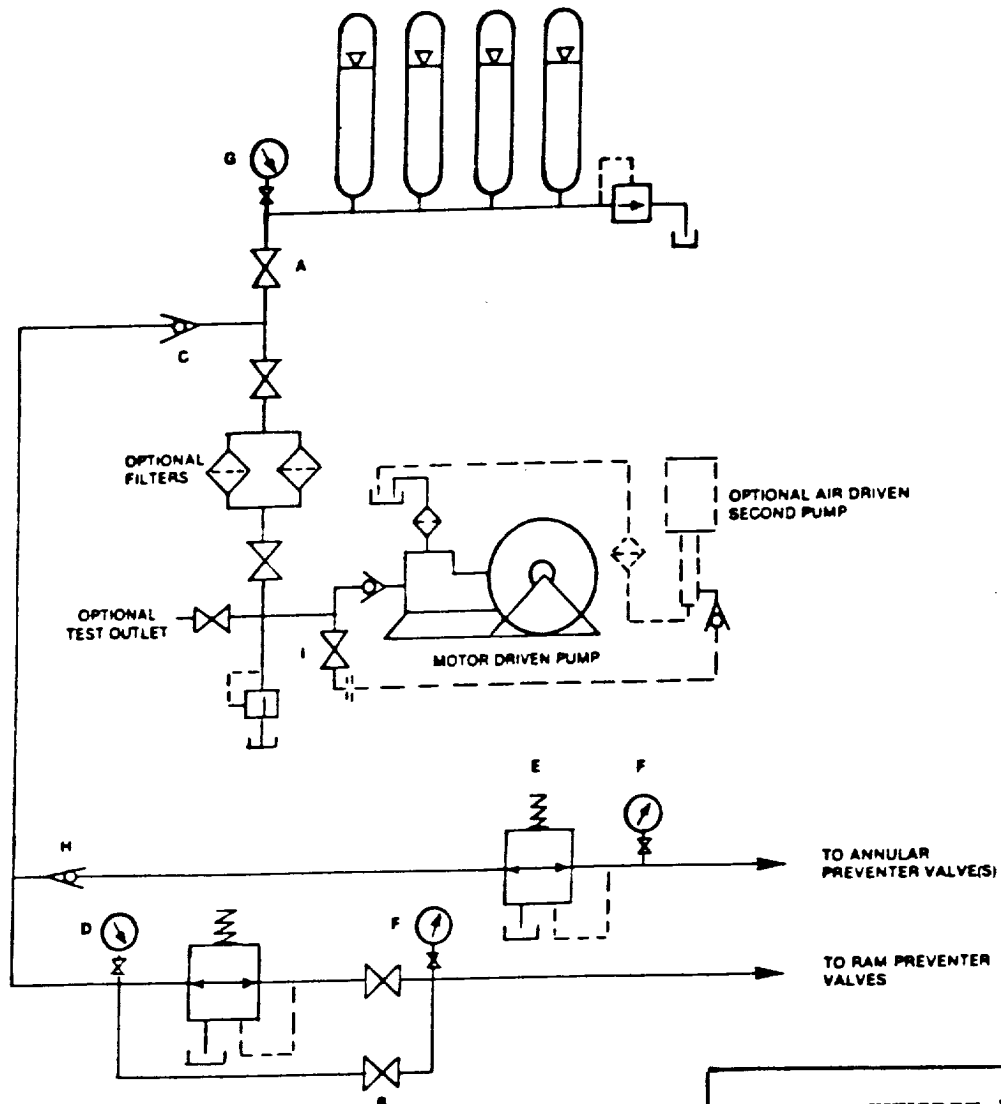
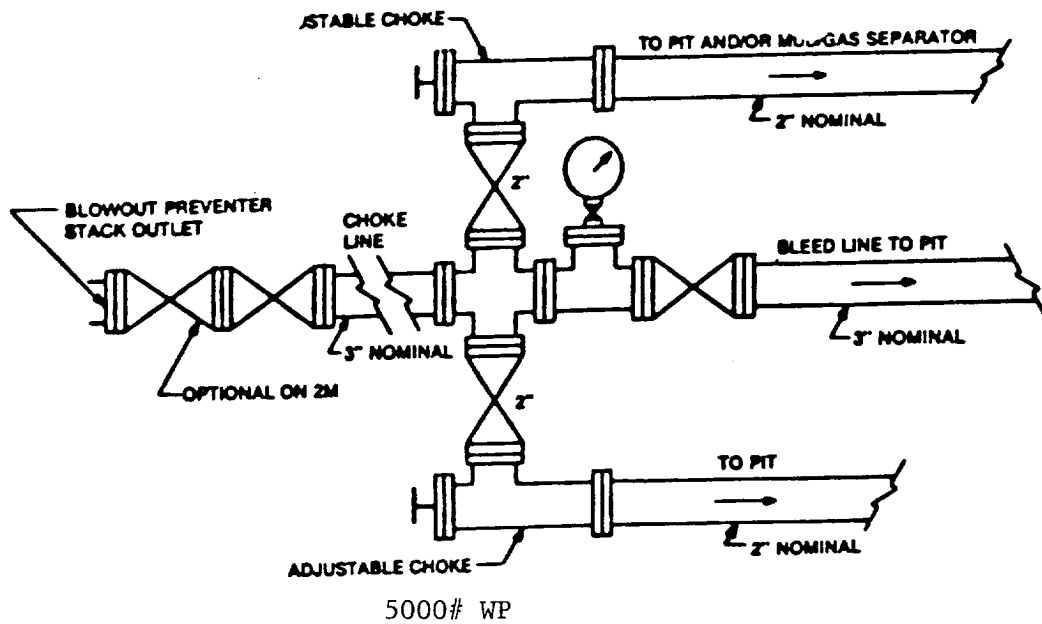


EXHIBIT "E-3"
CHOKE MANIFOLD & CLOSING UNIT
TO BE USED FROM 650' TO 10,600'

MARALO INC.
COCHITI FEDERAL COMM. "8" #1
1780' FNL & 1980' FEL Sec. 8
T24S-R29E EDDY CO. NM

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CARL
AREA 1

SOURCE
QUARTERS