

EXHIBIT D1
1700-5000'
3000 psi BOP

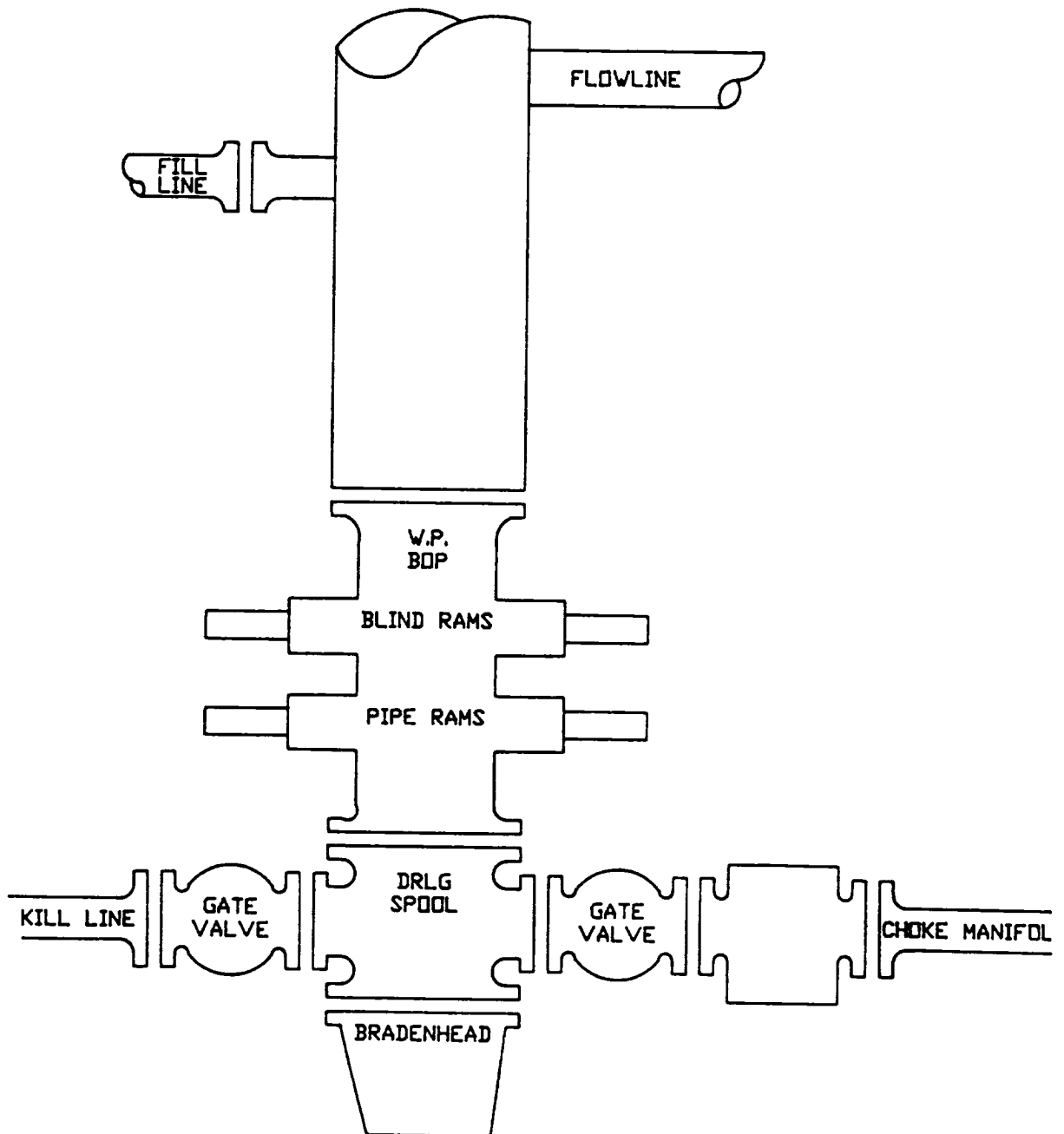


EXHIBIT D1A
1700-5000'
3000 psi MANIFOLD

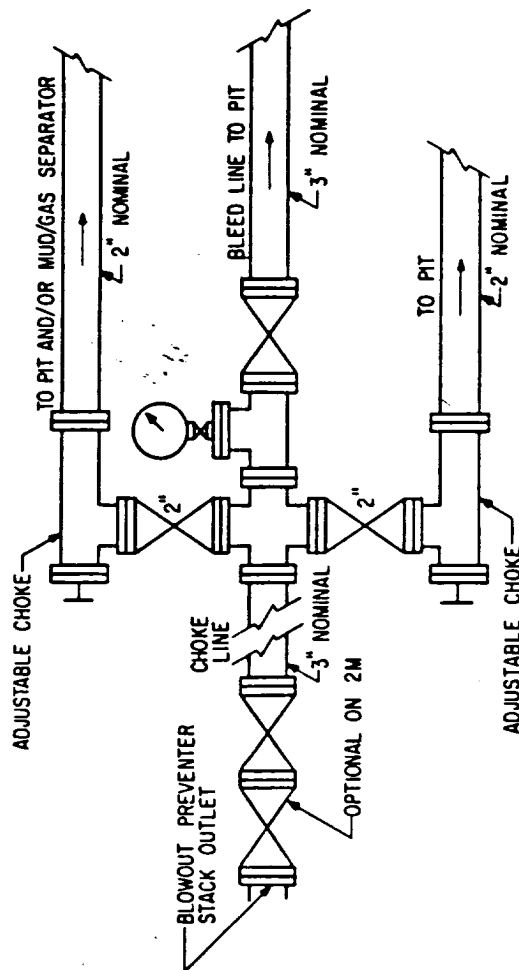
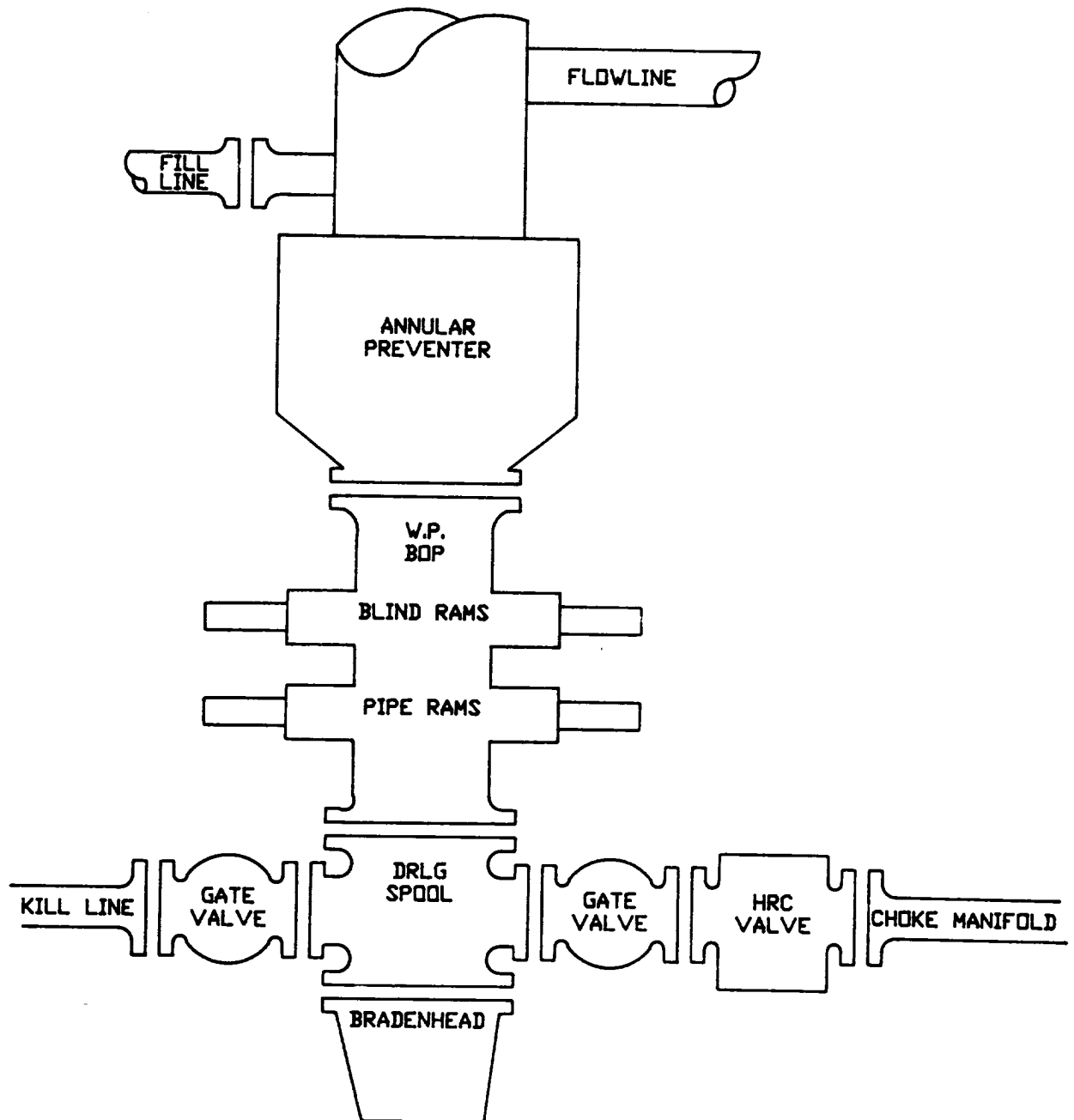


FIG. 3.A.1
TYPICAL CHOKE MANIFOLD ASSEMBLY
FOR 2M AND 3M RATED WORKING
PRESSURE SERVICE — SURFACE INSTALLATION

EXHIBIT D Z
5000-11,600'
5000 psi BOP

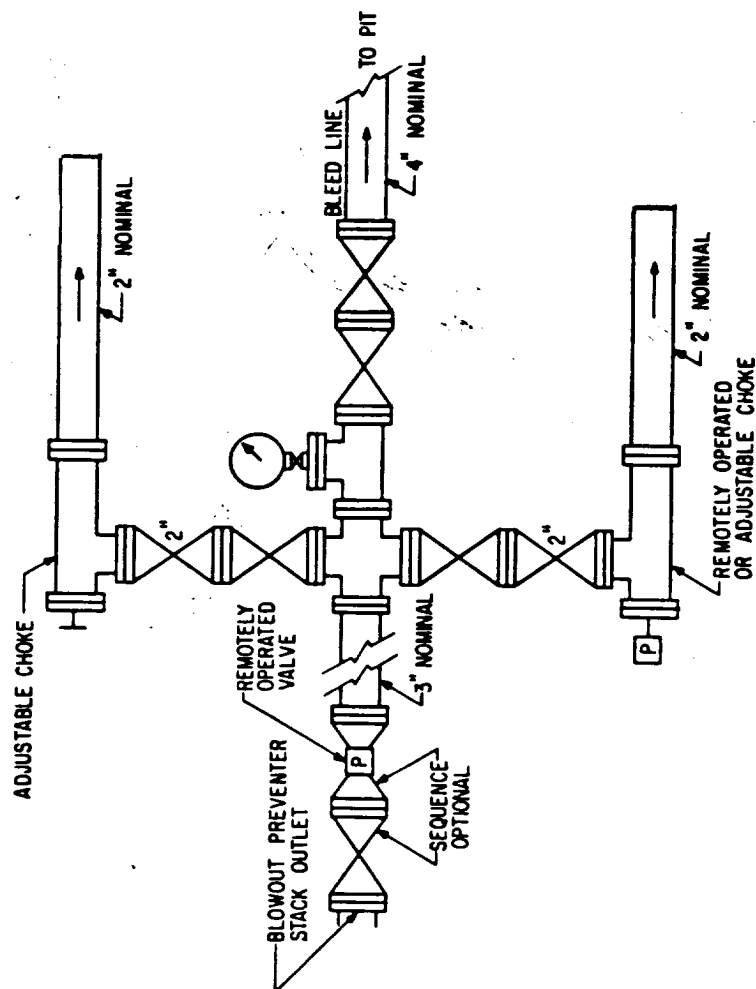


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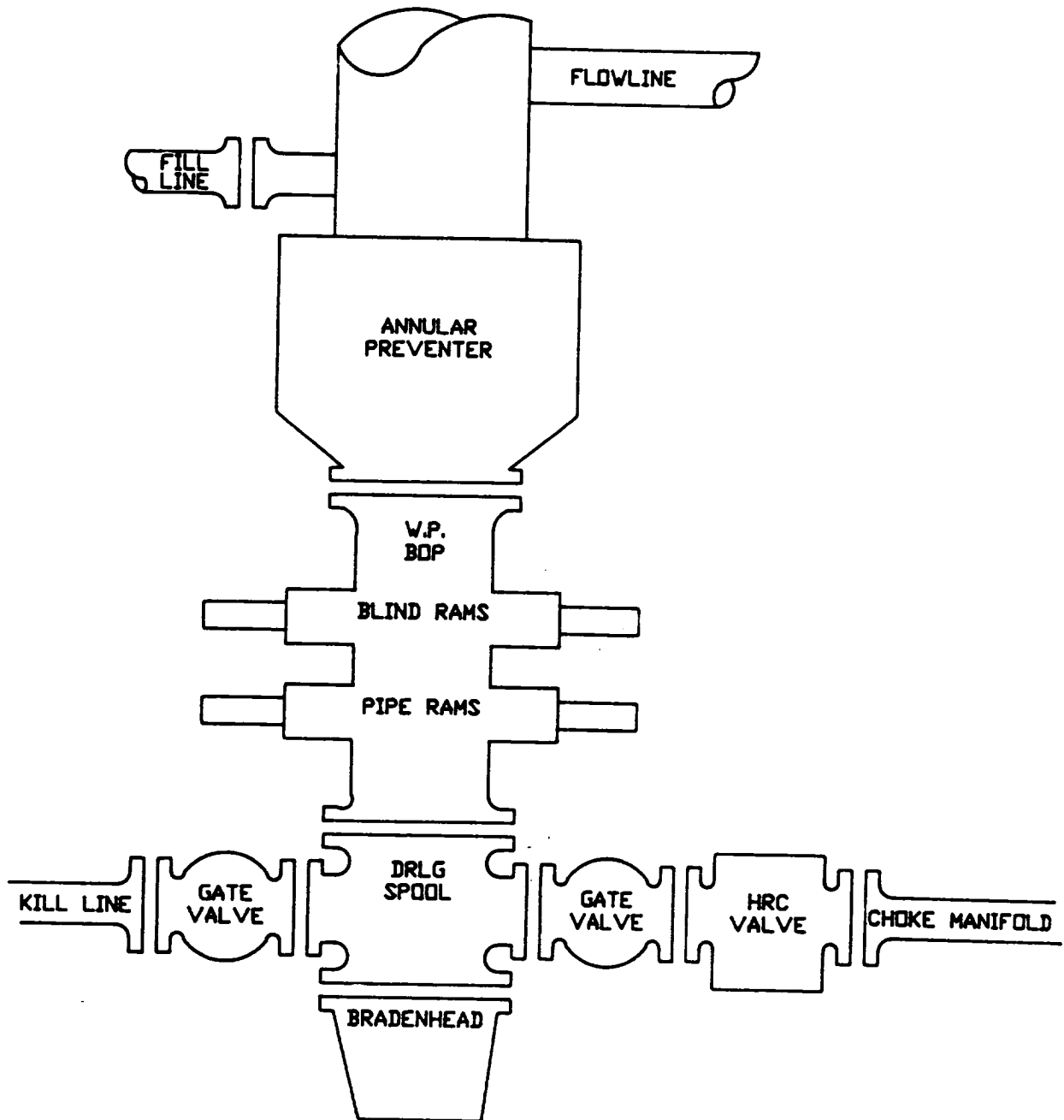
OCD
MAJOR OFFICE

EXHIBIT D2A
 5000 - 11600'
 5000 psi MANIFOLD



TYPICAL CHOKE MANIFOLD ASSEMBLY FOR 5M
 RATED WORKING PRESSURE SERVICE —
 SURFACE INSTALLATION

EXHIBIT D3
11,600' - 13,500'
10,000 psi BOP



2681-1 8271
ELF

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NEW MEXICO 88240

5. LEASE DESIGNATION AND SERIAL NO.

NM 033312 - A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Grama Ridge-Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Grama Ridge-Morrow Gas

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

9. T-22-S. R-34-E

12. COUNTY OR PARISH 13. STATE

Lea

New Mexico

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Oryx Energy Company

3. ADDRESS OF OPERATOR

P. O. Box 1861, Midland, Texas 79702

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

At surface

B, 660' FNL & 1980' FEL

At proposed prod. zone

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

22 miles W of Eunice

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

660'

16. NO. OF ACRES IN LEASE

640

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

None

19. PROPOSED DEPTH

13,700'

20. ROTARY OR CABLE TOOLS

Rotary

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

3600' GR

22. APPROX. DATE WORK WILL START*

Upon Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5#	1700'	1700 sxS Surf
12 1/4"	9 5/8"	36#	5000'	1550 sxS Surf
8 5/8"	7"	26#	11600'	1050 sxS 10,000' TOC
6 1/8"	4 1/2"	13.5#	13500'	250 sxS

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. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Maria L. Perez

TITLE Accountant 915-688-0375 DATE 9-12-89

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY Orig. Signed by Maria L. Perez

AREA MANAGER

TITLE

CARLSBAD RESOURCE UNIT

DATE

9-27-89

CONDITIONS OF APPROVAL, IF ANY: