NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-015-24128

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: NM-10592

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: ---

7. UNIT AGREEMENT NAME: ---

8. FARM OR LEASE NAME: Starman Federal

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 17, T26S, R26E

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [X] MULTIPLE ZONE [ ]

RECEIVED
FEB 23 1983
O. C. D.
ARTESIA, OFFICE

2. NAME OF OPERATOR: Exxon Corporation

3. ADDRESS OF OPERATOR: P. O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 2180 ~~2130~~ FSL and 860' FEL of Section
At proposed prod. zone

U. I

12. COUNTY OR PARISH: Eddy — 13. STATE: New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 8 miles SE of White City

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 460' lse. line / 460' drlg. line

16. NO. OF ACRES IN LEASE: 120*

17. NO. OF ACRES ASSIGNED TO THIS WELL: 40

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.: 14700' SW to Milepost Com. #1

19. PROPOSED DEPTH: 8900'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3452' GR

22. APPROX. DATE WORK WILL START*: 1st quarter 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	133.0	40'	CIRCULATE 25 sx
17 1/2"	13 3/8"	72.0	600'	CIRCULATE 500 sx
11"	8 5/8"	24.0	1600'	[illegible] 500 sx
7 7/8"	5 1/2"	17.0	3756'	} 700 sx
7 7/8"	5 1/2"	20.0	4219'	
7 7/8"	5 1/2"	23.0	8900'	

Gas is not dedicated to a purchaser.

*Lease consists of: E/2, SE/4, Sec. 17-26S-26E
NW/NW Sec. 31-26S-26E

RECEIVED
FEB 18 1983
OIL & GAS
U.S. GEOLOGICAL SURVEY

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 Melba Knipling TITLE Unit Head DATE February 16, 1983

(This space for Federal or State office use)

PERMIT NO. APPROVED APPROVAL DATE

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

FEB 18 1983
JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

Exxon Lse. No. _____ NEW MEXICO OIL CONSERVATION COMMISSION

State Lse. No. _____ WELL LOCATION AND ACREAGE DEDICATION PLAT

Federal Lse. No. _____

Form C-102
Supersedes C-128
Effective 1-1-65

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

Operator	Lease	Well No.
Exxon Corporation	Starman Federal	1

Unit Letter	Section	Township	Range	County
I	17	26 S	26 E	Eddy

Actual Footage Location of Well:
2180 feet from the South line and 860 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3452' (Topo.)	Bone Spring	Wildcat	40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

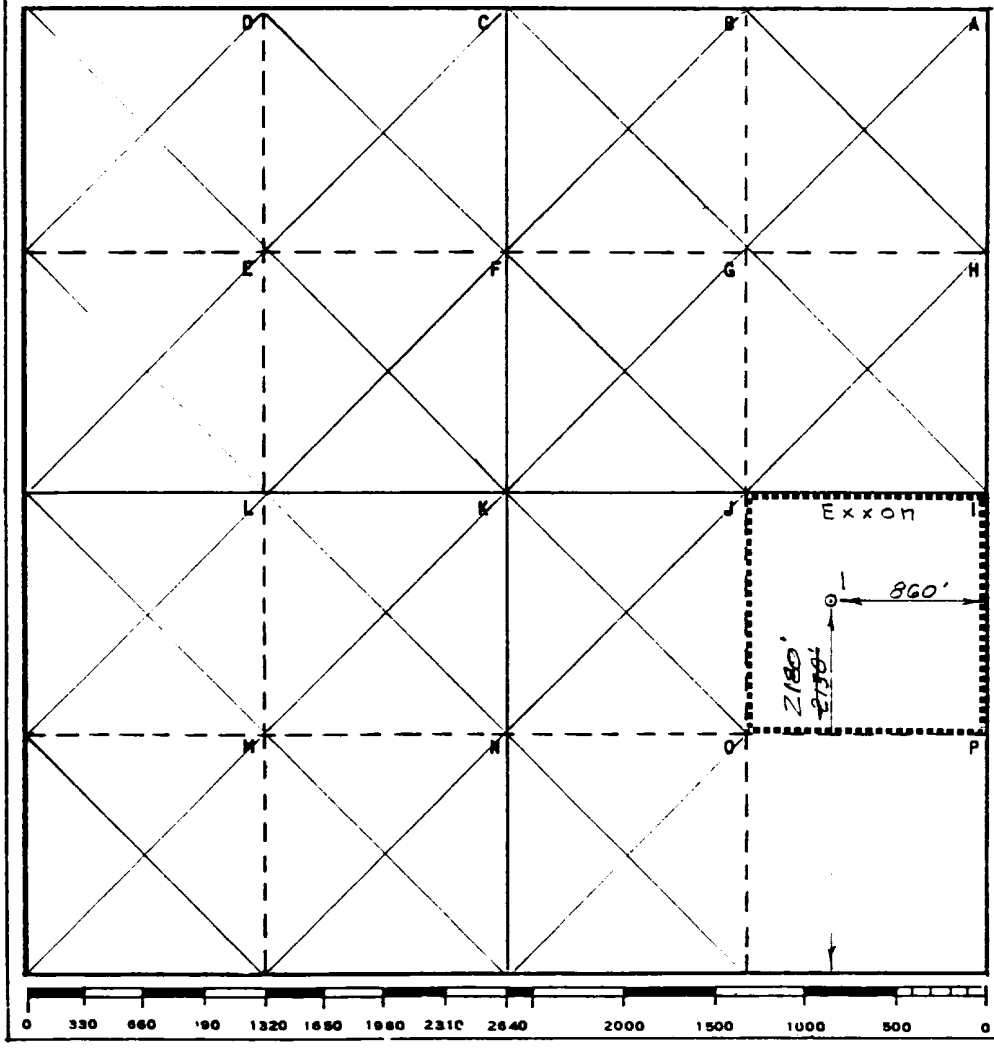
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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: Melba Knipling

Position: UNIT HEAD

Company: Exxon Corporation

Box 1600 Midland, Texas

Date: 2-15-83

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: 2-11-83

Registered Professional Engineer and/or Land Surveyor

W. D. Lukenbach

Certificate No. 6157

10.2 Miles S SE of Whites City, New Mexico

C.E. Sec. File No. V-A-8001

10 POINT PLAN
STARMAN FEDERAL #1
Section 17, T26S, R26E
Eddy County, New Mexico
February 14, 1983

1. The geologic name of the surface formation: Castile

2. The estimated tops of important geologic markers:

Delaware Mt. Grp.	:	1600'
Bone Spring	:	5100'

3. The estimated depths at which anticipated water, oil, gas, or other mineral bearing formations are expected to occur:

Deepest FW	:	500'
Oil		
Bone Spring	:	5100'

4. Proposed casing program:

STRING	SIZE	WEIGHT/GRADE	CONDITION	DEPTH INTERVAL
Conductor	20"	133#/K-55	New	0- 40'
Surface	13-3/8"	72#/P-110	New	0- 600'
Intermediate	8-5/8"	24#/K-55	Used	0- 509'
Intermediate	8-5/8"	24#/J-55	Used	509- 872'
Intermediate	8-5/8"	24#/K-55	New	872-1600'
Production	5-1/2"	17#/P-110	New	0-3756'
Production	5-1/2"	20#/C-95	New	3756-4051'
Production	5-1/2"	20#/C-75	New	4051-4219'
Production	5-1/2"	23#/N-80	New	4219-8900'
Tubing	2-7/8"	8.70#/C-75	New	0-8900'

5. Minimum specifications for pressure control equipment:

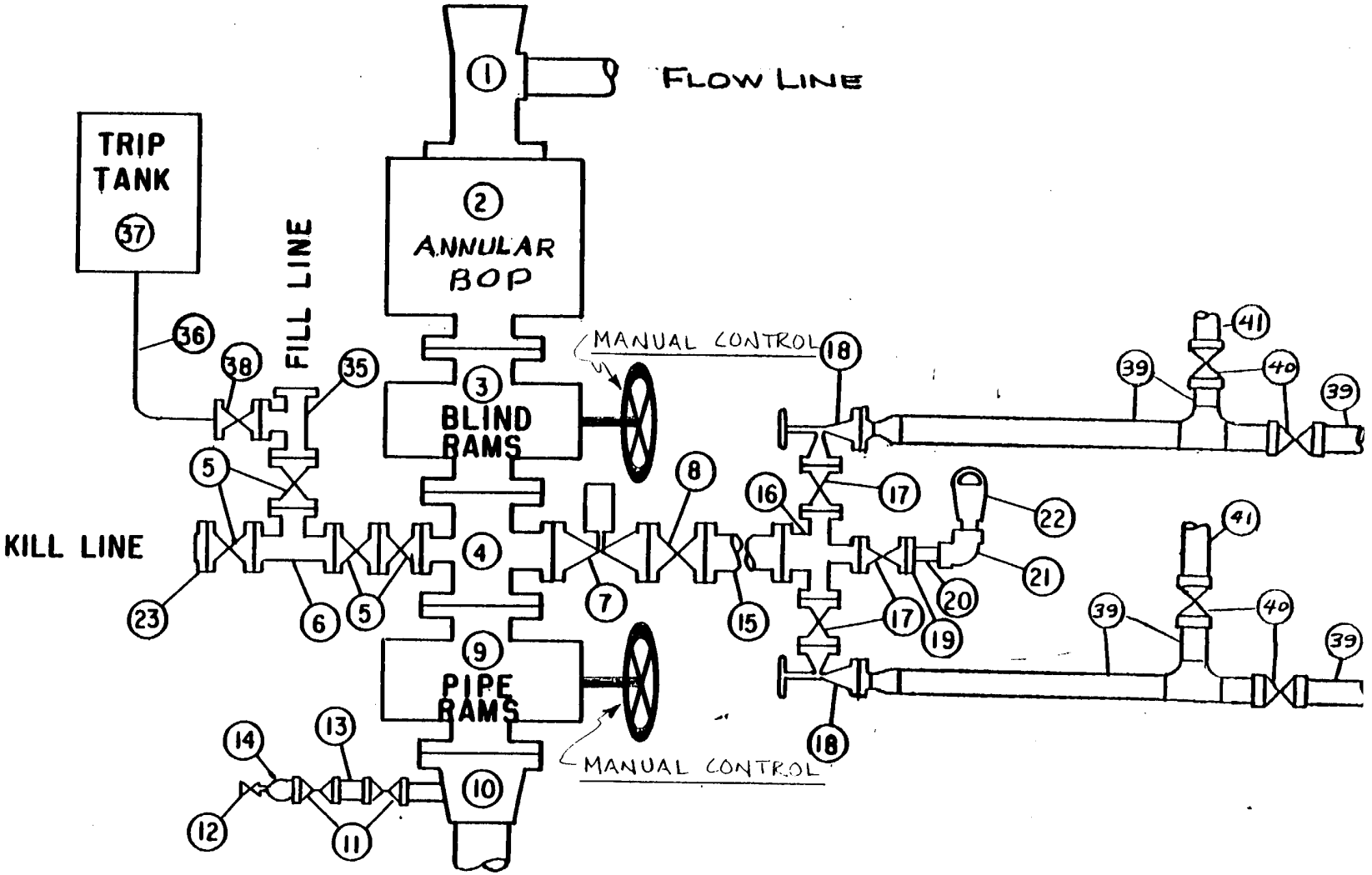
   A. Wellhead equipment - Threaded type, 2000 psi WP for 13-3/8" x 8-5/8" x 5-1/2" casing program with 2-7/8" tubing hanger.

   B. Blowout preventers - Refer to attached drawings and lists of equipment titled "Type II-C" and "Type II-B" for description of BOP stacks and choke manifold.

   C. BOP control unit - Unit will be hydraulically operated and have at least two control stations.

   D. Testing - Upon installation, the Type II-C BOP's for the 13-3/8" surface casing and the Type II-B BOP's for the 8-5/8" intermediate casing will be tested to a low pressure (200-300 psi) and to a high pressure of 2000 psi. Casing rams will be tested in a like manner. An operational test of the blowout preventers will be performed on each round trip, (but not more than once each day); the annular and pipe rams preventers will be closed on drill pipe and the blind rams will be closed while pipe is out of the hole.

MIDLAND DRILLING ORGANIZATION
BLOWOUT PREVENTER SPECIFICATION
TYPE II - C



II-10

9' '73

BLOWOUT PREVENTER SPECIFICATIO..
EQUIPMENT DESCRIPTION

TYPE II-B

All equipment should be at least 2000 psi WP or higher unless otherwise specified.

1. Rotating BOP.
2. Hydril or Shaffer bag type preventer.
3. Ram type pressure operated blowout preventer with blind rams.
4. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
5. 2-inch (minimum) flanged plug or gate valve.
6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
7. 4-inch pressure operated gate valve.
8. 4-inch flanged gate or plug valve.
9. Ram type pressure operated blowout preventer with pipe rams.
10. Flanged type casing head with one side outlet (furnished by Exxon).
11. 2-inch threaded (or flanged) plug or gate valve (furnished by Exxon). Flanged on 5000# WP, threaded on 3000# WP or less.
12. Needle valve (furnished by Exxon).
13. 2-inch nipple (furnished by Exxon).
14. Tapped bull plug (furnished by Exxon).
15. 4-inch flanged spacer spool.
16. 4-inch by 2-inch by 2-inch by 2-inch flanged cross.
17. 2-inch flanged plug or gate valve.
18. 2-inch flanged adjustable choke.
19. 2-inch threaded flange.
20. 2-inch XXH nipple.
21. 2-inch forged steel 90° E11.
22. Cameron (or equal.) threaded pressure gage.
23. Threaded flange.
24. 6-inch manual or pressure operated gate valve.
35. 2-inch flanged tee.
36. 3-inch (minimum) hose. (Furnished by Exxon).
37. Trip tank. (Furnished by Exxon).
38. 2-inch flanged plug or gate valve.
39. 2-1/2-inch pipe, 300' to pit, anchored.
40. 2-1/2-inch SE valve.
41. 2-1/2-inch line to steel pit or separator.

NOTES:

1. Items 3, 4 and 9 may be replaced with double ram type preventer with side outlets between the rams.

2. The two valves next to the stack on the fill and kill line to be closed unless drill sting is being pulled.

3. Kill line is for emergency use only. This connection shall not be used for filling.

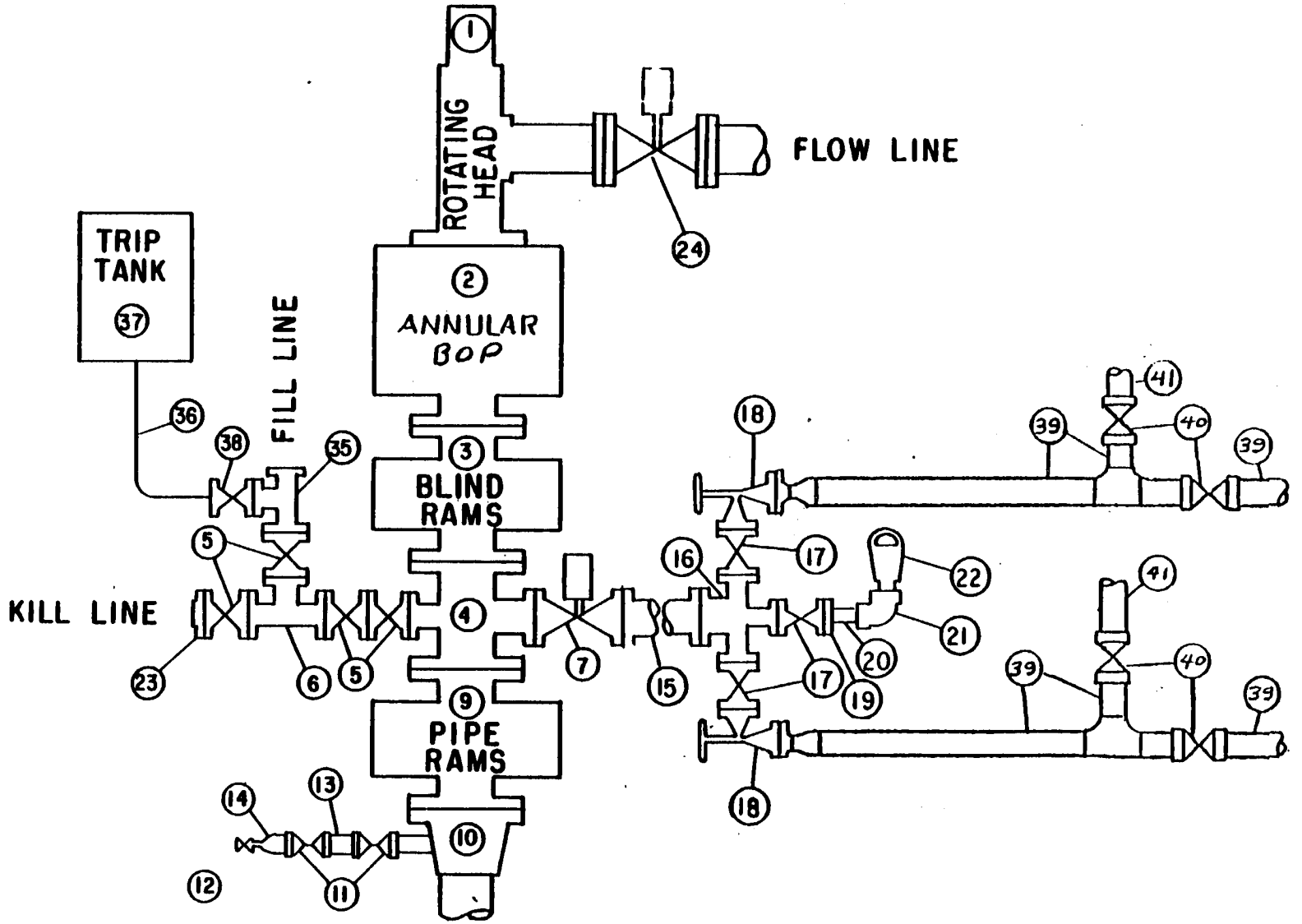
4. Replacement pipe rams and blind rams shall be on location at all times.

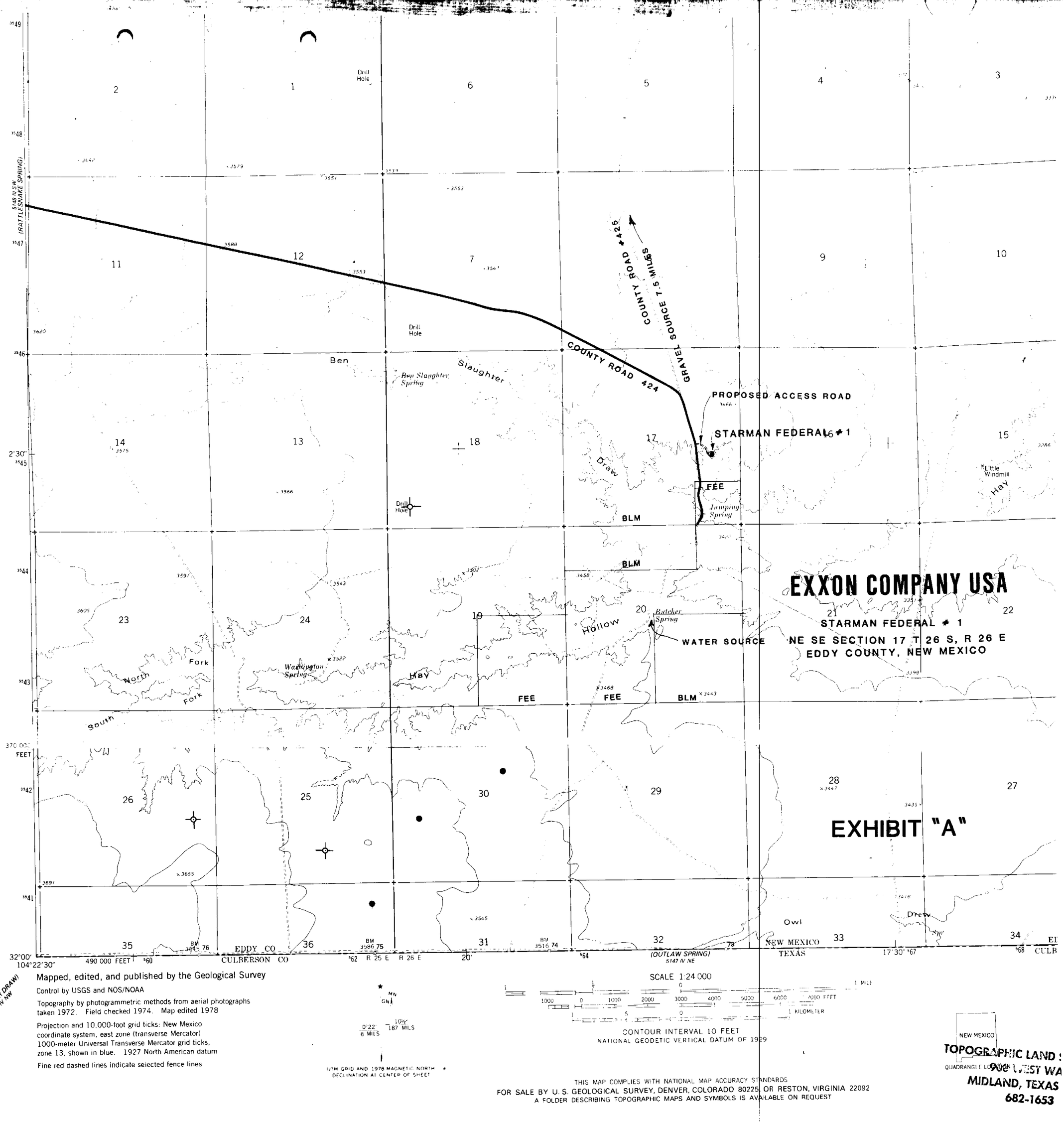
5. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.

6. Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi and lower WP BOP stacks.

MIDLAND DRILLING ORGANIZATION

BLOWOUT PREVENTER SPECIFICATION
TYPE II - B





EXXON COMPANY USA

STARMAN FEDERAL # 1

NE SE SECTION 17 T 26 S, R 26 E

EDDY COUNTY, NEW MEXICO

EXHIBIT "A"

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1972. Field checked 1974. Map edited 1978

Projection and 10,000-foot grid ticks: New Mexico coordinate system, east zone (transverse Mercator) 1000-meter Universal Transverse Mercator grid ticks, zone 13, shown in blue. 1927 North American datum

Fine red dashed lines indicate selected fence lines

UTM GRID AND 1978 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET

NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

NEW MEXICO

TOPOGRAPHIC LAND S

QUADRANGLE LO

MIDLAND, TEXAS

682-1653