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

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

RECEIVED
JUN 11 1983
O. C. D.
ARTESIA, OFFICE

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

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

2. NAME OF OPERATOR: Exxon Corporation

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 760' FNL and 1980' FWL of Section
At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.: NM - 01119

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

7. UNIT AGREEMENT NAME: ---

8. FARM OR LEASE NAME: Yates ~~Federal~~ C Fed

9. WELL NO.: 17

10. FIELD AND POOL, OR WILDCAT: Avalon (Delaware)

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Section 31-20S-28E

12. COUNTY OR PARISH: Eddy

13. STATE: New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 6 miles North from Carlsbad

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 760' lse. line, 560' drlg line

16. NO. OF ACRES IN LEASE: 2261.75

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.: 100' N. to #1

19. PROPOSED DEPTH: 5000'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3260' GR

22. APPROX. DATE WORK WILL START*: 2nd Quarter 1983

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
~~26"~~	~~20"~~	~~94#~~	~~40'~~	~~25 sx Redi Mix (To surface)~~
~~17 1/2"~~	~~13 3/8"~~	~~54.5#~~	~~600'~~	~~500 sx (To surface)~~
11"	8 5/8"	24#	2500'	700 sx (To circulate surf csg.)
7 7/8"	5 1/2"	14 & 15.5#	5000'	700 sx (To circulate int. csg.)

RECEIVED
JUN 10 1983
OIL & GAS
ROSWELL, NEW MEXICO

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 Charlotte Harper for Melba Knipling TITLE Unit Head DATE June 9, 1983

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY James A. Gillham TITLE ADM. Minerals DATE July 7, 1983

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS ATTACHED

Exxon Lse. No. _____ NEW MEXICO OIL CONSERVATION COMMISSION

State Lse. No. _____ WE' LOCATION AND ACREAGE DEDICAT 1 PLAT

Federal Lse. No. _____ All distances must be from the outer boundaries of the Section.

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

Operator	Lease	Well No.
Exxon Corporation	Yates Federal "C"	17

Unit Letter	Section	Township	Range	County
C	31	20 S	28E	Eddy

Actual Footage Location of Well:
760 feet from the North line and 1980 feet from the West line

Ground Level Elev:	Producing Formation	Pool	Dedicated Acreage:
3260'	Delaware	Avalon – Delaware	40 Acres

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

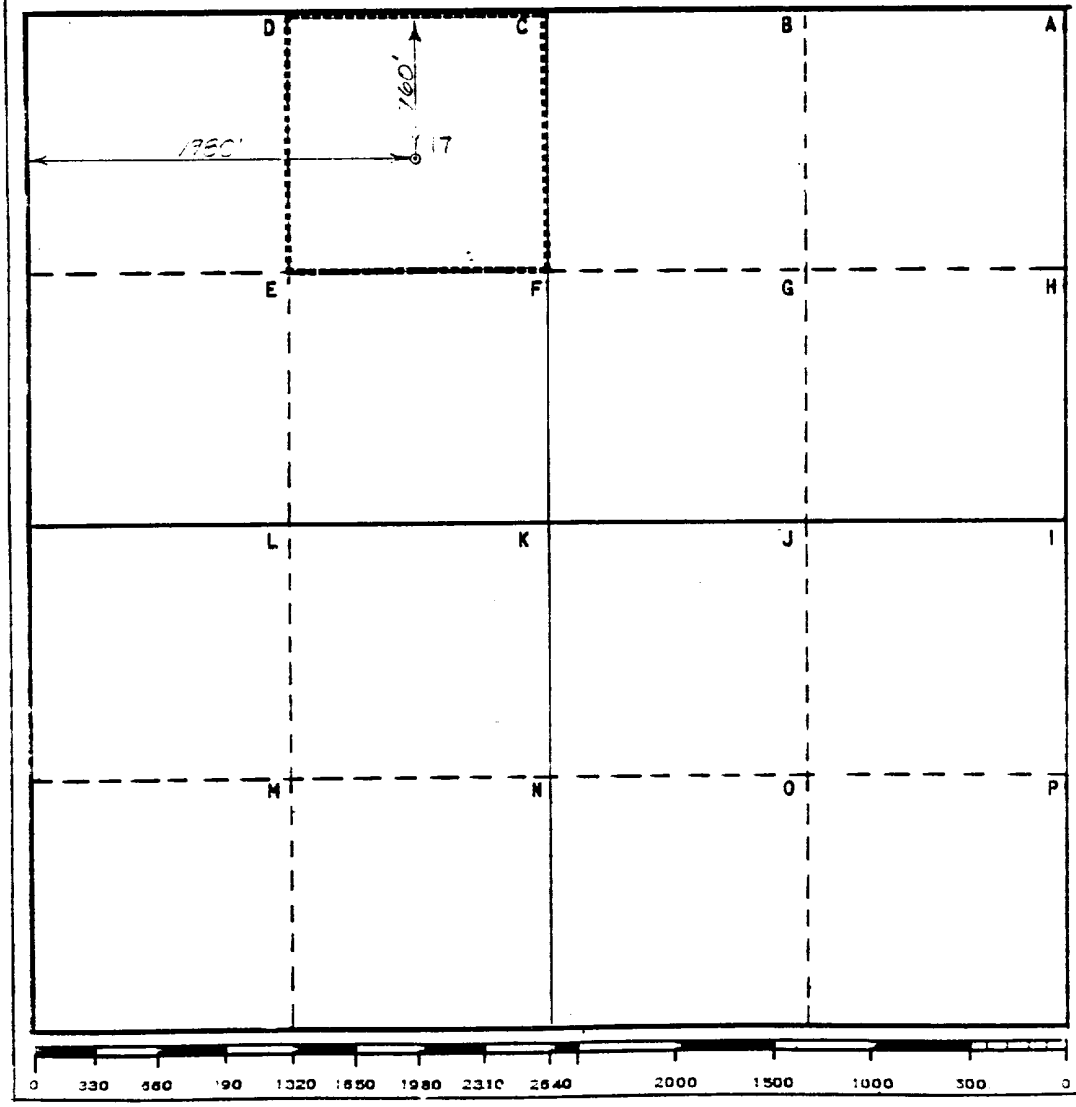
2. **If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).**

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: Charlotte Harper

Position: UNIT HEAD

Company: Exxon Corporation

Box 1600 Midland, Texas

Date: 6-1-83

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: 5-31-83

Registered Professional Engineer and/or Land Surveyor

Certificate No. 1257

10 POINT PLAN
Yates Federal C-17
Section 31, 20S, 28E
Eddy County, New Mexico
May 9, 1983

1. The geologic name of the surface formation: Recent

2. The estimated tops of important geologic markers:

Delaware Mt. Grp.	:	2500'
Bone Spring	:	4700'

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	:	4700'

4. Proposed casing program:

STRING	SIZE	WEIGHT/GRADE	CONDITION	DEPTH INTERVAL
Conductor	20"	94#/H-40	New	0- 40'
Surface	13-3/8"	54.5#/K-55	New	0- 600'
Intermediate	8-5/8"	24#/K-55	New	0-2500'
Production	5-1/2"	14# & 15.5#/K-55	New	0-5000'

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" for description of BOP stacks and choke manifold.

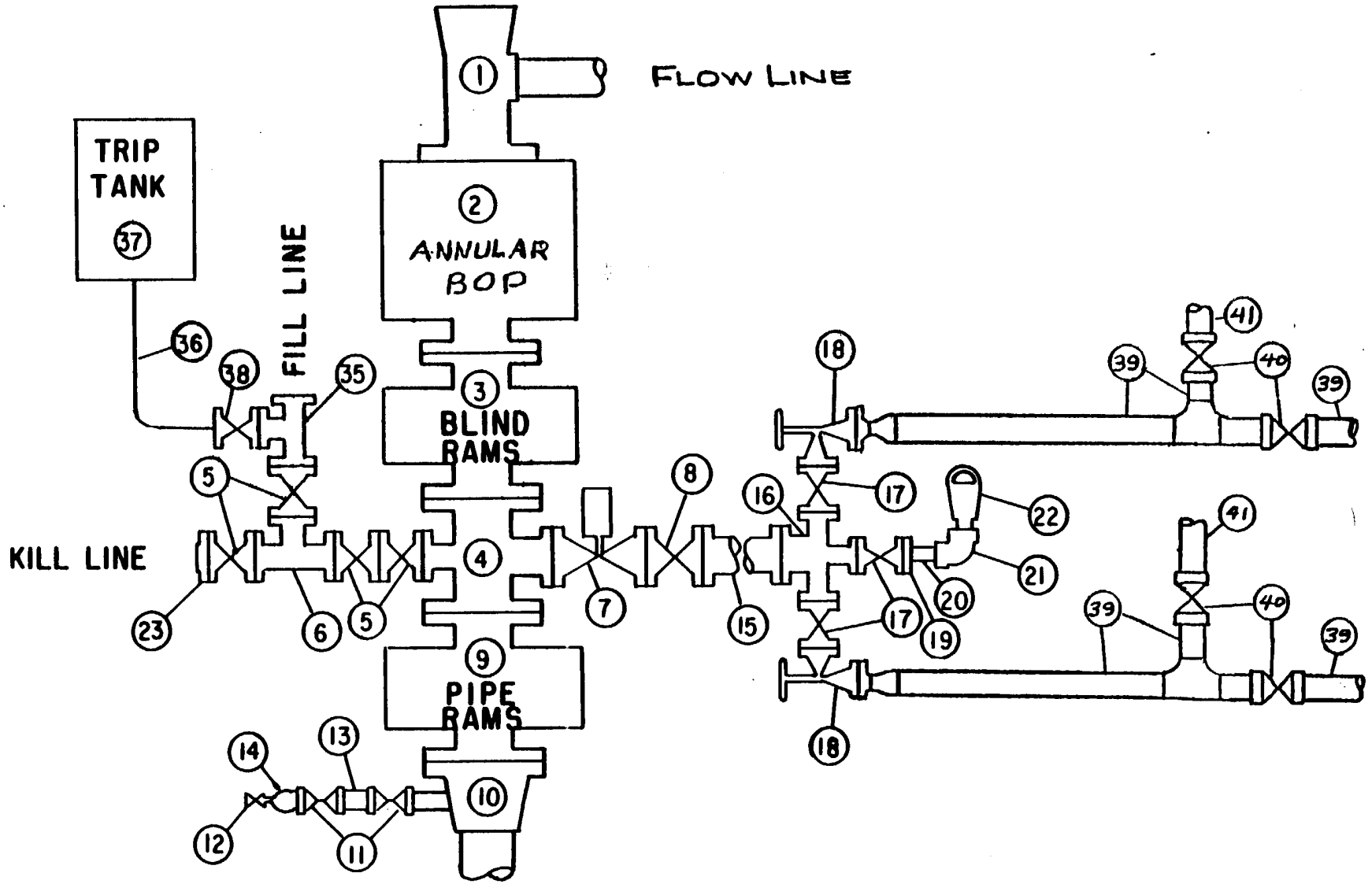
   C. BOP control unit - Unit will be hydraulically operated and have at least two control stations.

   D. Testing - Upon installation, the Type II-C BOP's for the 13-3/8" surface casing and the 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



9/15/73

BLOWOUT PREVENTER SPECIFICAT I
EQUIPMENT DESCRIPTION

TYPE II-C

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

1. Bell nipple.
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° Ell.
22. Cameron (or equal.) threaded pressure gage.
23. Threaded flange.

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.

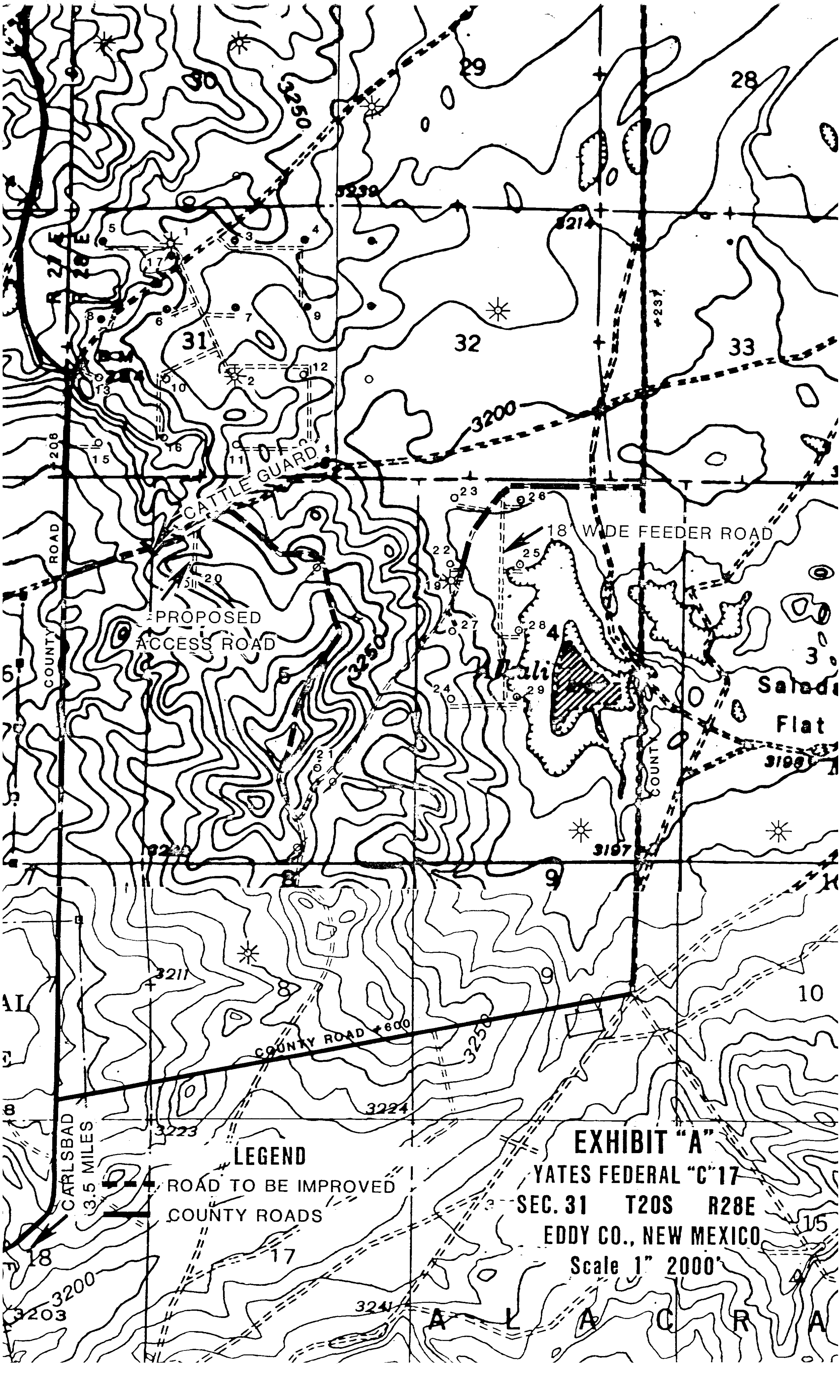
2. The two valves next to the stack on the fill and kill line to be closed unless drill string is being pulled.

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

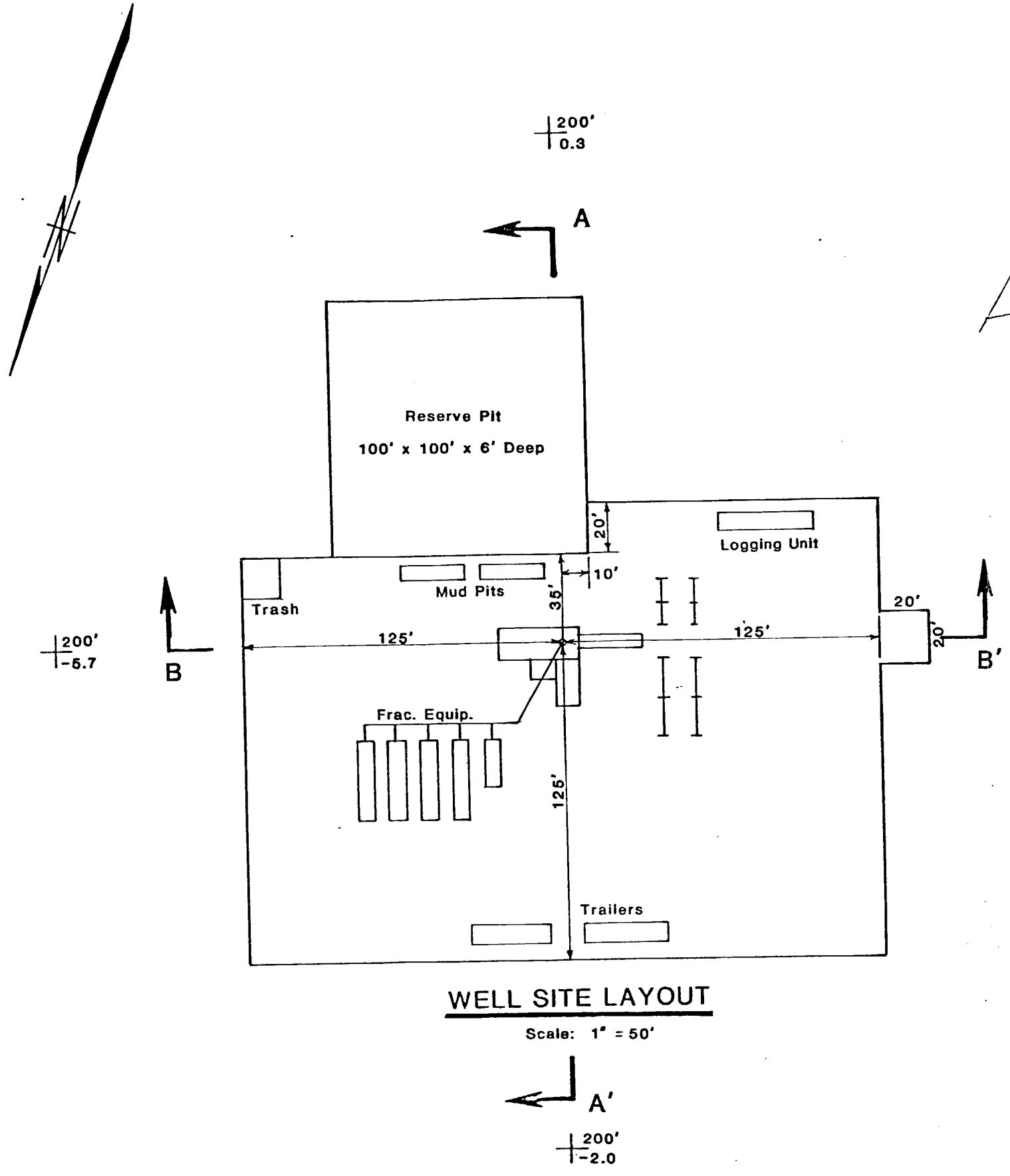
4. Replacement pipe rams and blind rams shall be on location at all times.

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 or lower WP BOP stacks.



CATTLE GUARD
18' WIDE FEEDER ROAD
PROPOSED
ACCESS ROAD
COUNTY ROAD
COUNTY ROAD 600
Salado
Flat
CARLSBAD
3.5 MILES
LEGEND
ROAD TO BE IMPROVED
COUNTY ROADS
EXHIBIT "A"
YATES FEDERAL "C" 17
SEC. 31 T20S R28E
EDDY CO., NEW MEXICO
Scale 1" 2000'

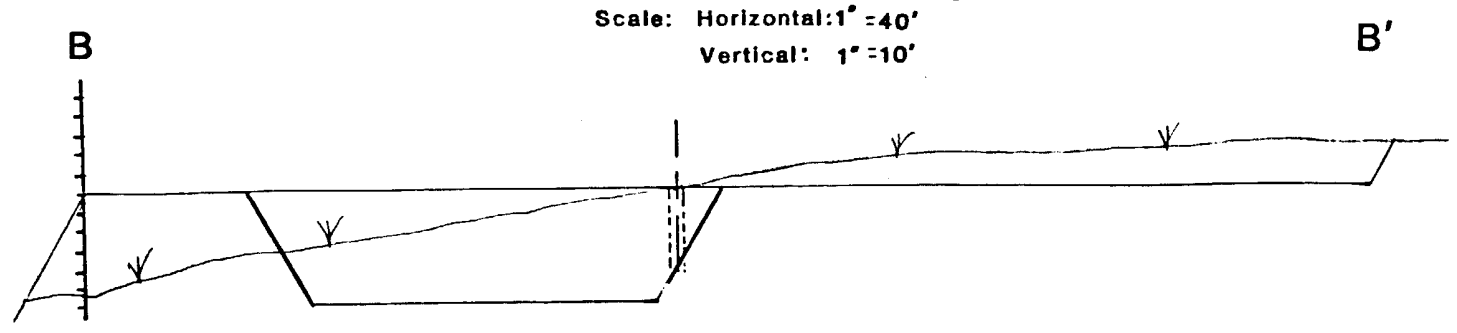


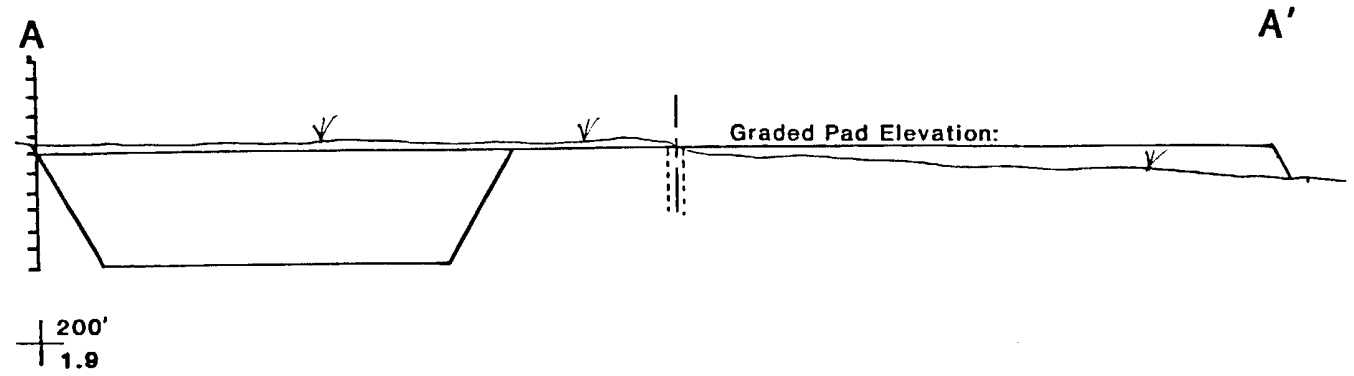
WELL SITE LAYOUT

Scale: 1" = 50'

CROSS SECTIONS

Scale: Horizontal: 1" = 40'
Vertical: 1" = 10'





YATES FEDERAL "C" 17
SEC. 31 T20S R28E
EDDY CO., NEW MEXICO

EXXON COMPANY, U.S.A. (a division of Exxon Corporation)
PRODUCTION DEPARTMENT
EXHIBIT "B"