

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Other instructions on reverse side
NM OIL CASE NO. 88-1 SSION
Baser DD
Artesia, NM 88210

Drugget DUREN NO. 42-K1423

3D-015-24837

6/87

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

2. NAME OF OPERATOR

Exxon Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1600, Midland, Texas

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

At surface

1980' FWL and 437.3FNL of Section

At proposed prod. zone

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

8 miles N to Carlsbad

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any) 437.3'

16. NO. OF ACRES IN LEASE

108.25

17. NO. OF ACRES ASSIGNED TO THIS WELL

28.25

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

955'S to #2

19. PROPOSED DEPTH

6100'

20. ROTARY OR CABLE TOOLS

Rotary

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

3200' GR

22. APPROX. DATE WORK WILL START*

2nd Qtr. 1984

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 Redimix-TOC Surface
17 1/2"	13 3/8"	48	600	350 sx - TOC Surface
11"	8 5/8"	24	2500	600 sx - TOC Surface
7 7/8"	5 1/2"	14, 15.5 and 17	6100	700 sx - TOC - Tie into int. casing.

Amended to change well name, lease number and number of acres in lease. Attached is a corrected plat. A Designation of Operator from Liberty Petroleum will be sent separately.

Was Burton Flat "B" Fed #5
NM-46275

Post add
PD-10476A
4-20-84

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 Kripling

TITLE

Unit Head

DATE

3-19-84

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Dist. 2-1-84

APPROVED BY

Orig. Sgd. Earl R. Cunningham

TITLE

DATE

APR 13 1984

CONDITIONS OF APPROVAL, IF ANY:

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

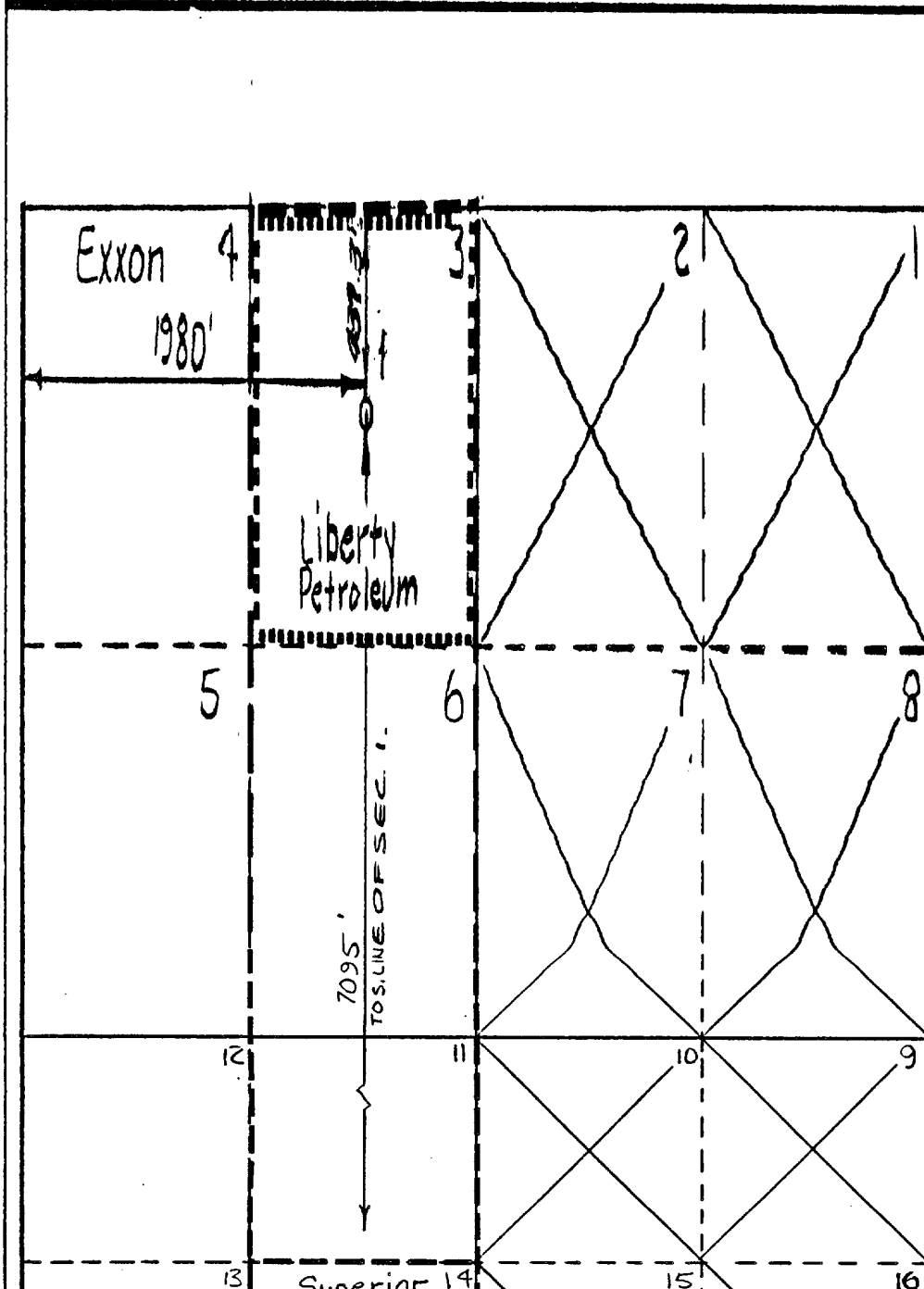
Operator Exxon Corporation		Lease STOTT FEDERAL		Well No. 1
Unit Letter LOT 3	Section 1	Township 21S	Range 27E	County EDDY
Actual Footage Location of Well: 437.3 feet from the NORTH line and 1980 feet from the WEST line				
Ground Level Elev. 3200'	Producing Formation BONE SPRINGS	Pool UNDES.-BONE SPRINGS	Dedicated Acreage: 28.25 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
Melva Kripling

Position
UNIT HEAD

Company Exxon Corporation

Box 1600 Midland, Texas

Date
3-21-84

I hereby certify that the location shown on this plat was located 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.

J. RICHMOND
REGISTERED LAND SURVEYOR
6157

BLOWOUT PREVENTER SPECIFICATION
EQUIPMENT DESCRIPTION

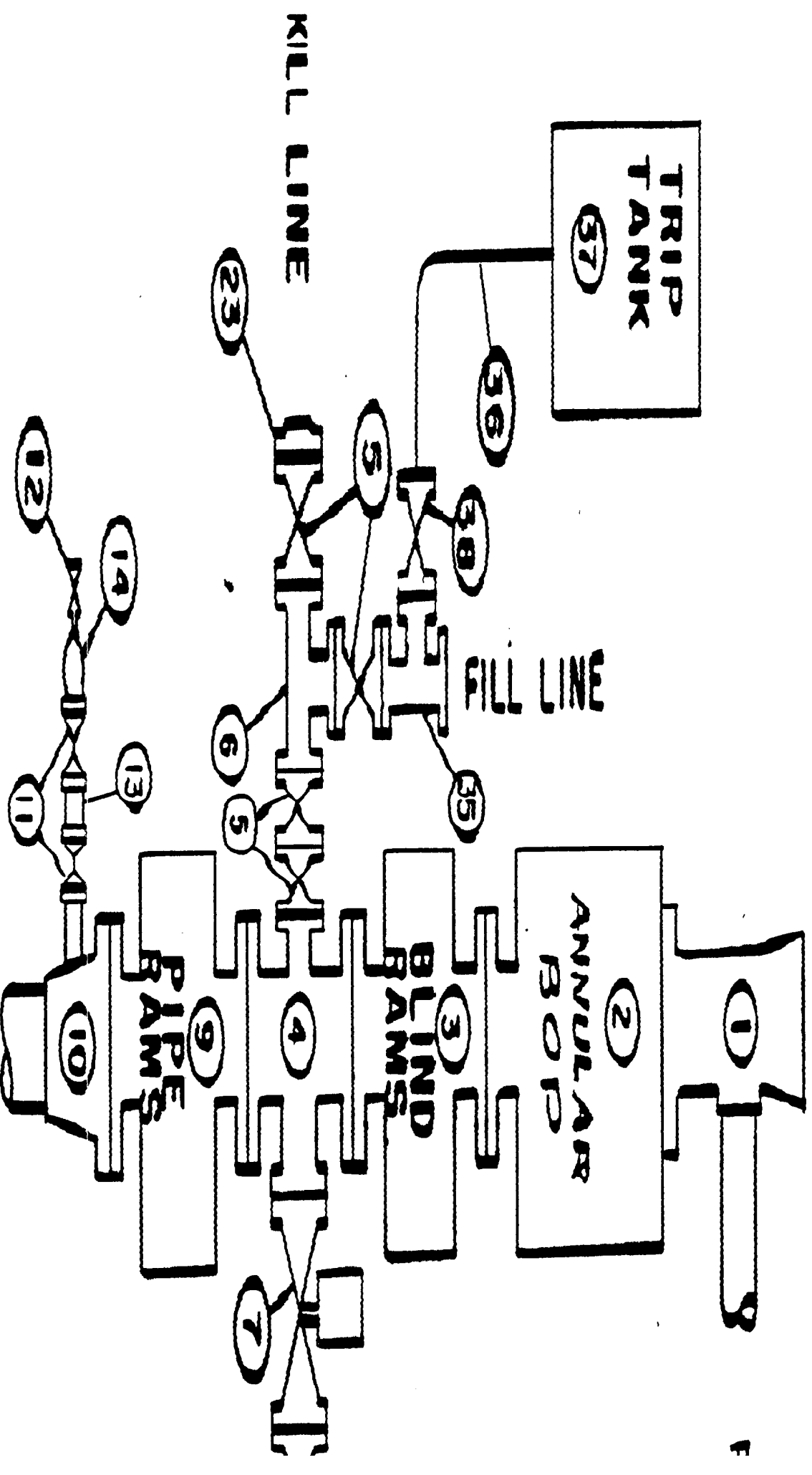
TYPE II-C

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:

MIDLAND DRILLING ORGANIZATION BLOWOUT PREVENTER SPEC TYPE II - C



10 POINT PLAN
BURTON FLAT FEDERAL "B" NO. 5
Section 1, 21S, 27E
Eddy County, New Mexico
March 12, 1984

1. The geologic name of the surface formation: Recent
2. The estimated tops of important geologic markers:

Delaware Mt. Grp. : 2500'
Bone Spring : 5000'

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 : 5000'

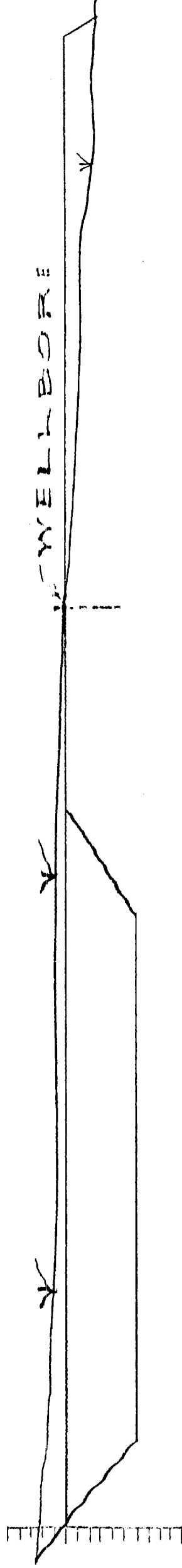
4. Proposed casing program:

<u>STRING</u>	<u>SIZE</u>	<u>WEIGHT/GRADE</u>	<u>CONDITION</u>	<u>DEPTH INTERVAL</u>
Conductor	20"	94#/H-40	New	0- 40'
Surface	13-3/8"	48#/K-55	New	0- 600'
Intermediate	8-5/8"	24#/K-55	New	0-2500'
Production	5-1/2"	14#&15.5#, 17#/K-55	New	0-6100'

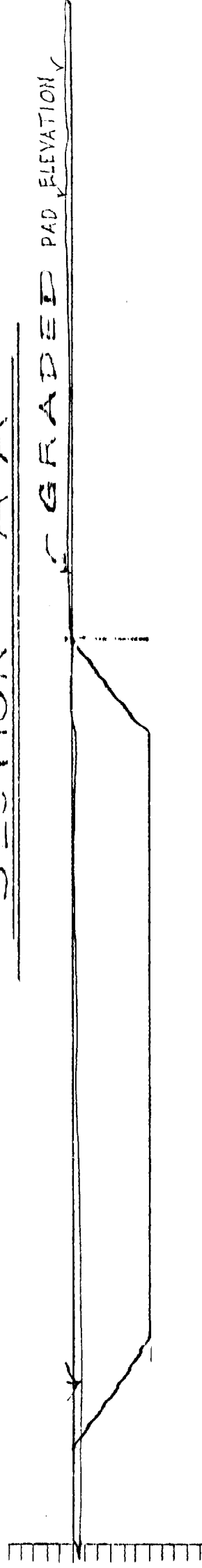
5. Minimum specifications for pressure control equipment:

- 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 body 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.

SECTION B-B'



SECTION A-A'



CROSS SECTIONS
SCALE: HORIZONTAL 1"=50'
VERTICAL 1"=10'

B'

+F-2.9

TRAILER

TRAILER

PROPOSED ROAD
CONTINUES TO "B" #8

