

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY(Other instructions on
reverse side)

30-015-25785

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

Metex Pipe & Supply

3. ADDRESS OF OPERATOR

PO Box 1037 Artesia

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

At surface

2810' FSL, 2470' FEL, Sec. 4

At proposed prod. zone

Same

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

9.1 miles NW of Maljamar, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

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

170'

18. DISTANCE FROM PROPOSED LOCATION*

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

840'

16. NO. OF ACRES IN LEASE

1228

19. PROPOSED DEPTH

3650'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

Rotary

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

4170' GL 4162.3

22. APPROX. DATE WORK WILL START*

8-30-87

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24 K-55	0-400'	445 Cu. Ft. Circulated to Surface
7-7/8	5 1/2	15.5 K-55	0-3700'	A. 1165 Cu. Ft. from 2850' to S B. 327 Cu. Ft. from TD to 2850'

CEMENTING PROGRAM

1. Class C + 1/4# sx. FC
- 2.a. Halco Lite + 11.25# sx.
salt + 1/4# sx. FC
- b. Class C + 1/4# sx. FC

LOGGING PROGRAM

FDT-CNL-GR TD-1800'
CNL-GR TD to Surface

MUD PROGRAM

DEPTH	TYPE	MUD WT.	VISC. SE/QT	WATER LOSS
0-400'	Spud	8.3-9.0	32-34	NC
400'-3200'	Brine	8.3-10.0	28-30	NC
3200'-TD	Salt Gel	10.0-10.5	34-36	+ 15

BLOWOUT PREVENTER PROGRAM

See Attached Diagram

There are no other wells on this quarter-quarter section.

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

Martin B. Muncy

TITLE

Operator

DATE

7-23-87

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

7-27-87

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All distances must be from the outer boundaries of the Section

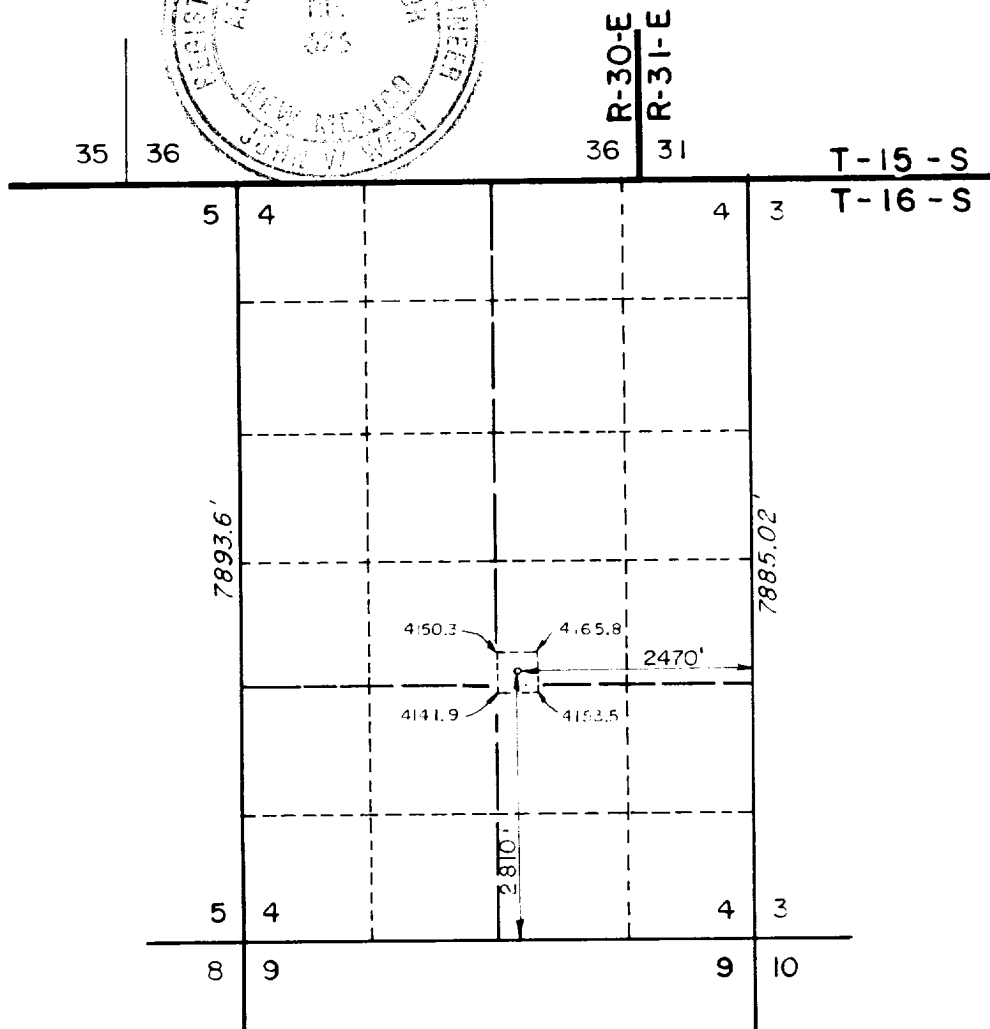
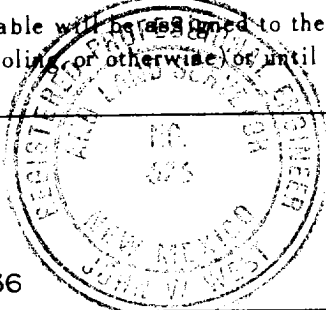
Operator Metex Supply Co.			Lease BB Federal			Well No.		
Unit Letter 0	Section 4	Township 16S	Range 31E	County Eddy				
Actual Footage Location of Well: 2810 feet from the South line and 2470 feet from the East line								
Ground Level Elev. 4162.3	Producing Formation PREMIER			Pool NORTHEAST SQUARE LAKE			Dedicated Acreage: 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 well 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
Martin B. Mummy
dlb/a
Position
Metex Pipe & Supply
Company
7-23-87
Date

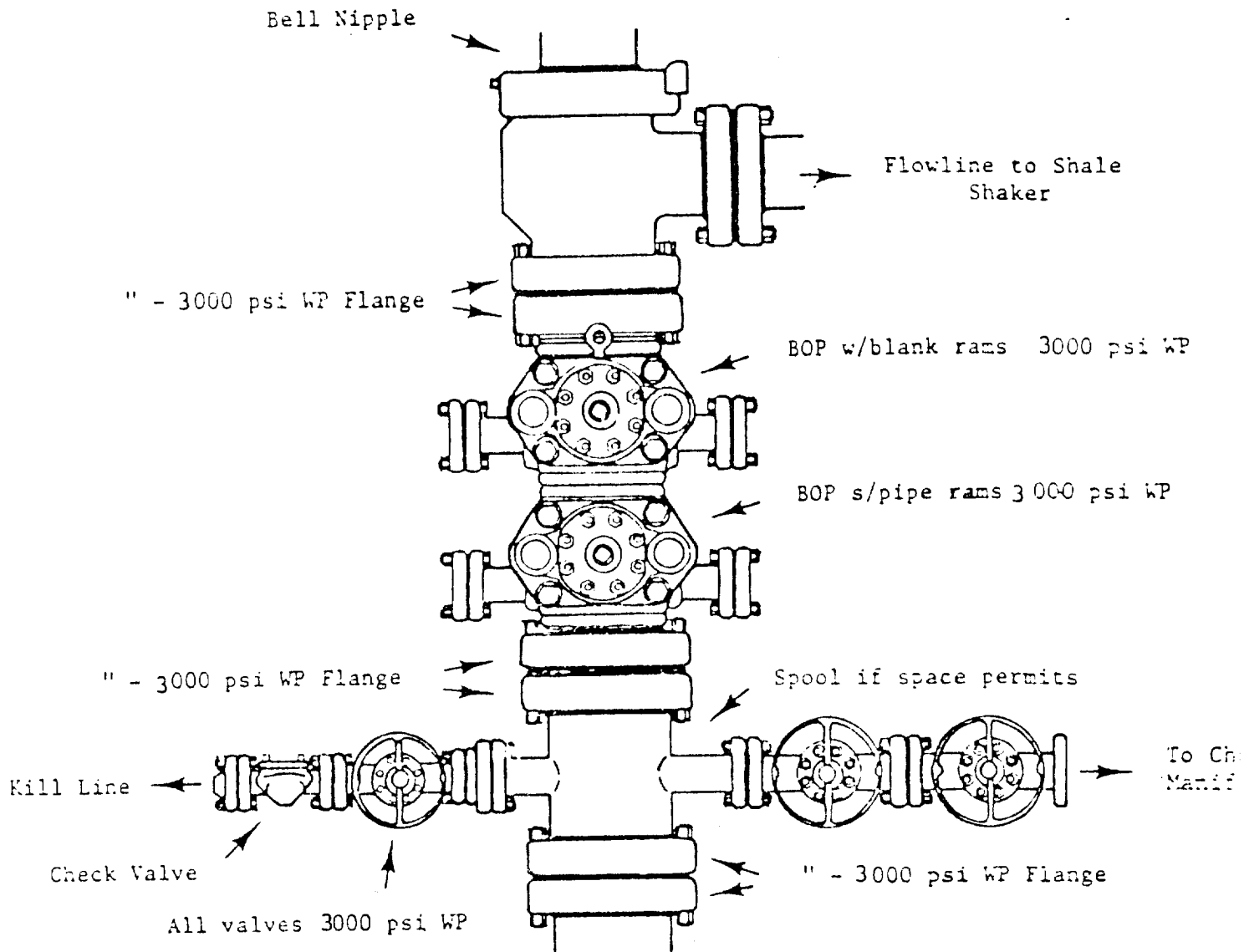
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
July 16, 1987
Registered Professional Engineer and/or Land Surveyor

[Signature]
Certificate No. JOHN W. WEST 678
Ronald J. Eidson 3239

PROPOSED BOP STACK

8 5/8" CASING



Metex Pipe & Supply

"BB" FED. No. 1

Eddy Co., N.M.

METEX PIPE & SUPPLY

LEASE: "BB" Federal

WELL: #1

FIELD: Northeast Square Lake

COUNTY: Eddy

State: New Mexico

TEN POINT WELL CONTROL & RESOURCE PROTECTION DATA

1. The geologic name of the surface formation _____

2. The estimated tops of important geologic markers.

<u>Formation Name</u>	<u>Depth (top)</u>
<u>Yates</u>	<u>2016'</u>
<u>Queen</u>	<u>2852'</u>
<u>Grayburg</u>	<u>3216'</u>
<u>Premier Sand</u>	<u>3550'</u>
<u>San Andres</u>	<u>3594'</u>

3. The estimated depth at which anticipated water, oil, gas or other mineral-bearing formations are expected to be encountered.

<u>Formation Name</u>	<u>Depth (Top)</u>	<u>Type of Mineral</u>
<u>Premier</u>	<u>3550'</u>	<u>Oil & Gas</u>

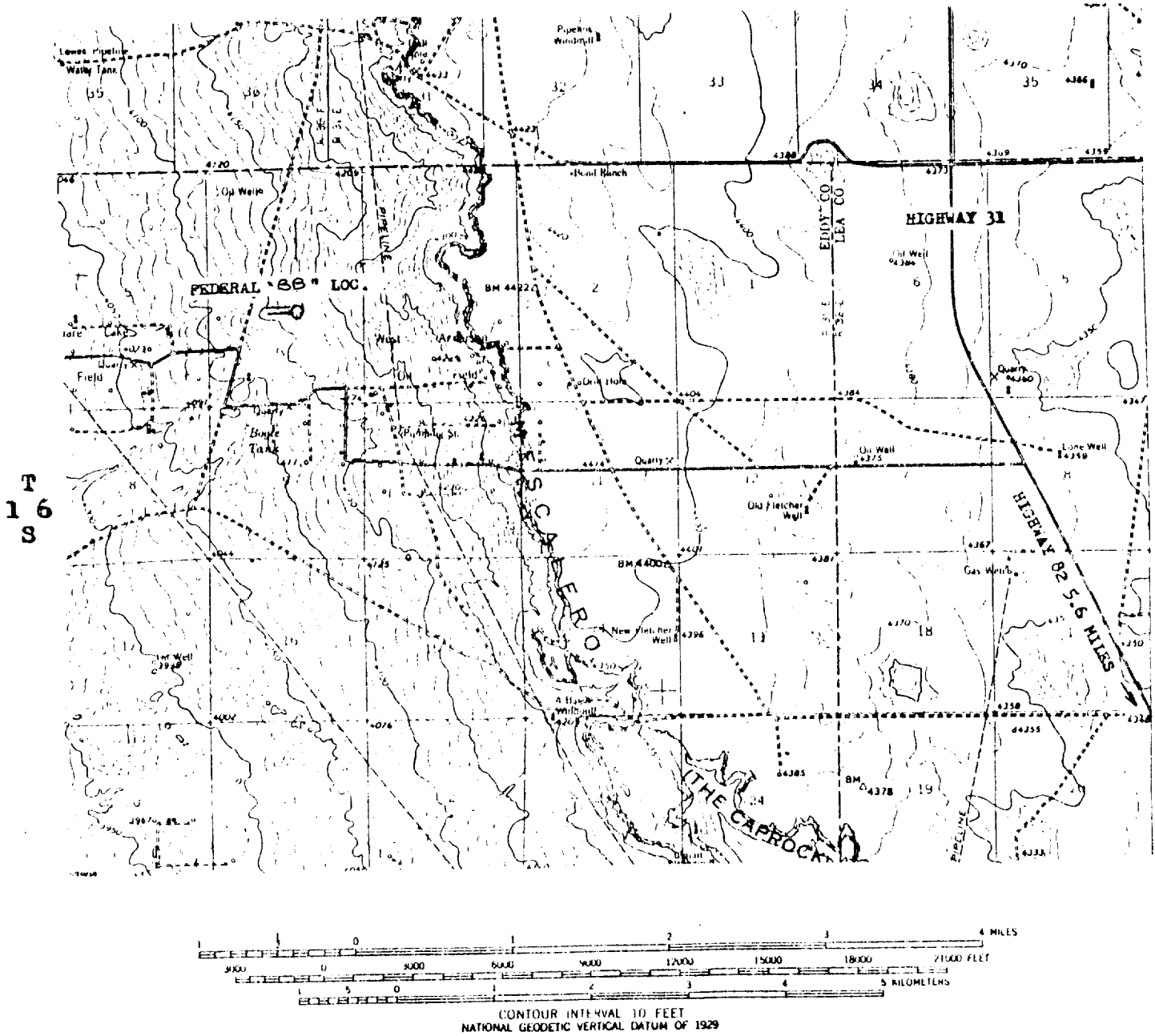
4. The proposed casing program, including the size, grade, and weight-per-foot of each string and whether new or used. (Shown on Form 9-331C)

5. The lessee's or operator's minimum specifications for pressure control equipment which is to be used, a schematic diagram thereof showing sizes, pressure ratings, (or API series), and the testing procedures and testing frequency. (See attachment)

6. The type and characteristics of the proposed circulating medium or mediums to be employed for rotary drilling and the quantities and types of mud and weighting material to be maintained.

See attachment for 9-331C. A sufficient quantity of mud and chemicals will be maintained at the well site to meet anticipated conditions, recognizing the time required to replenish supplies from local sources.

R-31-B



===== EXISTING ROADS
 - - - - - PROPOSED ROAD

METEX PIPE & SUPPLY

≈ AREA MAP ≈

"BB" FED. No. 1
 Eddy Co., N.M.

PLAT FOR PIT LOCATION FOR ARTESIA FISHING TOOL

Rigs #1 & #2, L & M Drilling #2 and LaRue Drilling #2

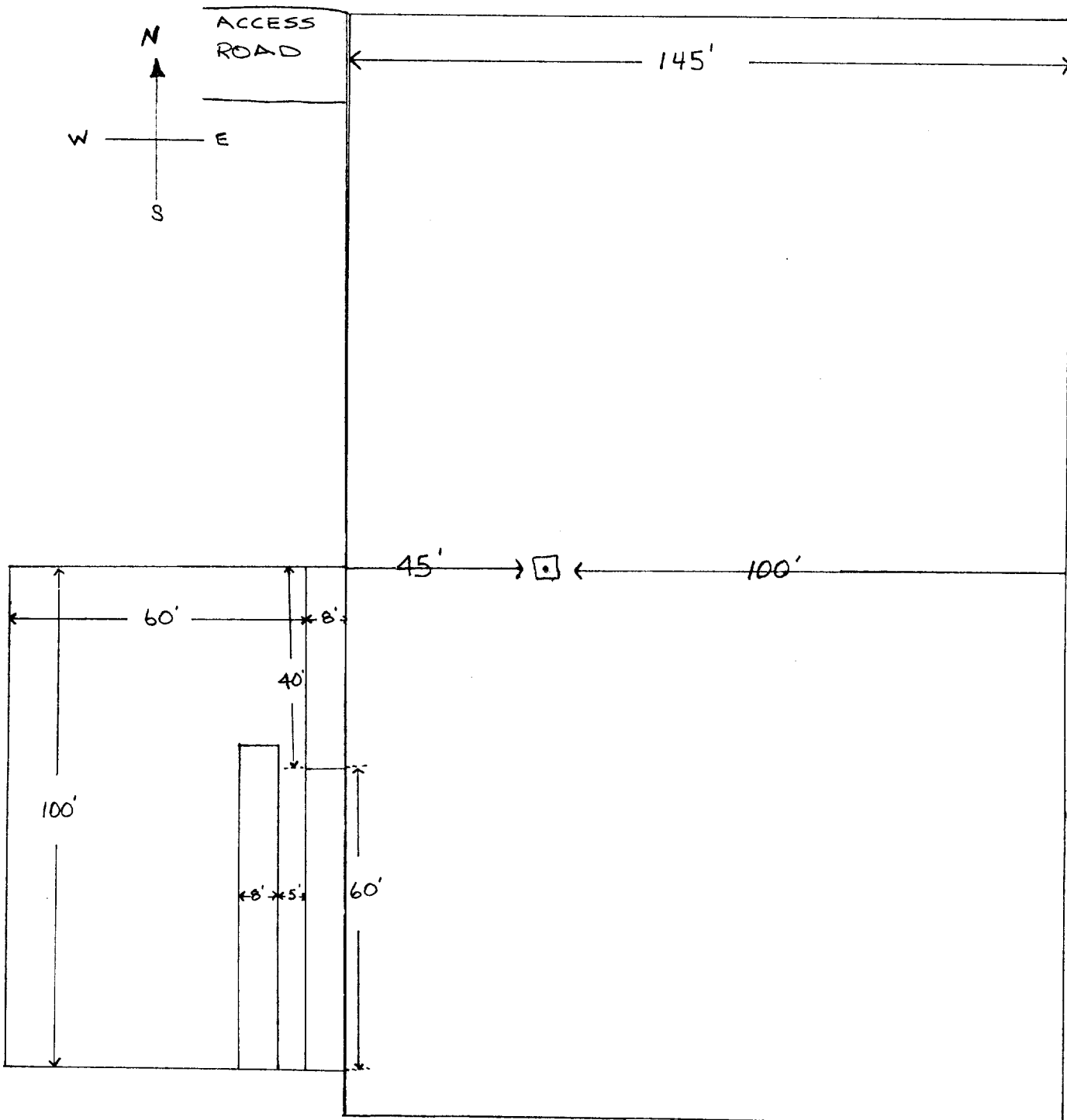


EXHIBIT "D"
METEX PIPE AND SUPPLY
"BB" FEDERAL #1
Rig Layout