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SUBMIT IN TR. 1CATE*

30-015-24923
Form approved.
Budget Bureau No. 1004-0136
Expires August 31, 1985

UNITED STATES JUL 10 1984
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ARTESIA, OFFICE

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
WORTH PETROLEUM COMPANY

3. ADDRESS OF OPERATOR
P. O. BOX 17406, FORT WORTH, TEXAS 76102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 990' FNL AND 1650' FEL OF SECTION 27
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
16 AIR MILES SOUTH-SOUTHEAST OF MALAGA, NEW MEXICO

10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'

16. NO. OF ACRES IN LEASE 1318.02

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. 1320'

19. PROPOSED DEPTH 5200'

20. ROTARY OR CABLE TOOLS ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 2877 GL

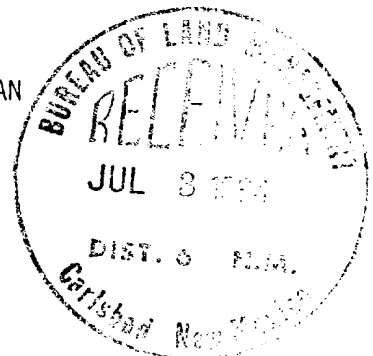
22. APPROX. DATE WORK WILL START* UPON APPROVAL

23. PROPOSED CASING AND CEMENTING PROGRAM

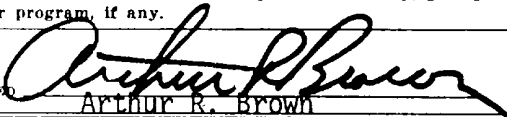
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	450'	SUFFICIENT TO CIRCULATE
7-7/8"	5-1/2"	14#	5200'	300 SACKS

PRODUCING ZONE WILL BE PERFORATED AND STIMULATED AS NECESSARY.

SEE ATTACHED FOR: SUPPLEMENTAL DRILLING DATA
BOP SKETCH
SURFACE USE AND OPERATIONS PLAN
OPERATOR-LAND OWNER AGREEMENT



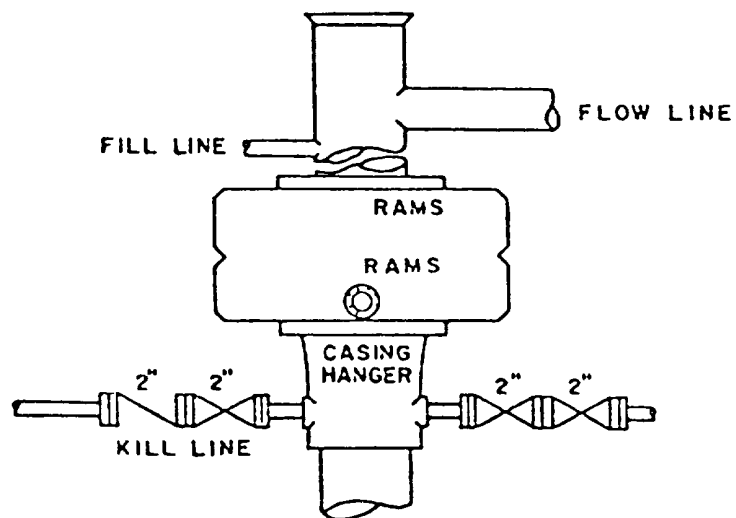
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. 
SIGNED Arthur R. Brown TITLE Agent DATE June 27, 1984
(This space for Federal or State office use)

PERMIT NO. 7-28-84 APPROVAL DATE 7-9-84
APPROVED BY [Signature] TITLE AREA MANAGER
CONDITIONS OF APPROVAL, IF ANY: CARLSBAD RESOURCE AREA

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED

*See Instructions On Reverse Side



BOP STACK

3000 PSI WORKING PRESSURE

BOP ARRANGEMENT

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.

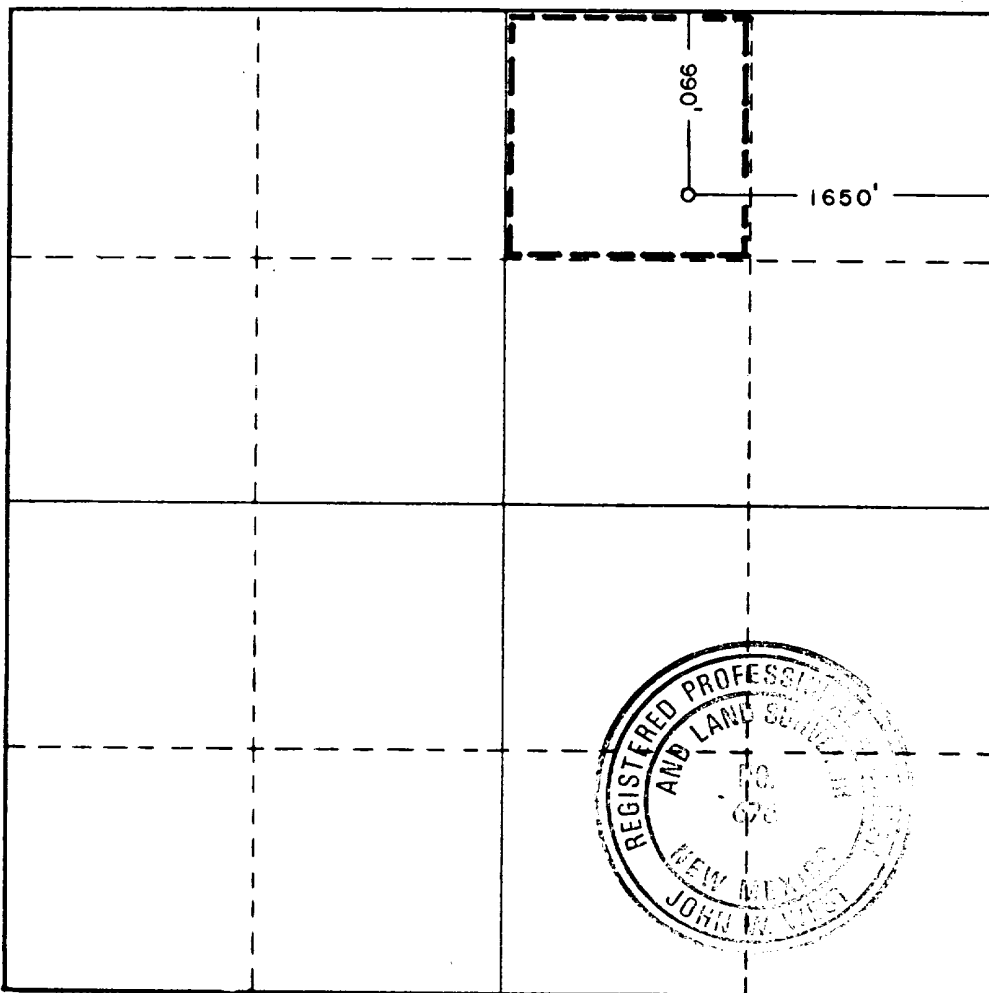
Operator WORTH PETROLEUM COMPANY			Lease AMOCO FEDERAL		Well No. 6
Unit Letter B	Section 27	Township 26 SOUTH	Range 29 EAST	County EDDY	
Actual Footage Location of Well: 990 feet from the NORTH line and 1650 feet from the EAST line					
Ground Level Elev. 2877.0	Producing Formation DELAWARE	Pool UNDES. BRUSHY DRAW DELAWARE		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 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 Arthur R. Brown
Position
Agent

Company
WORTH PETROLEUM COMPANY

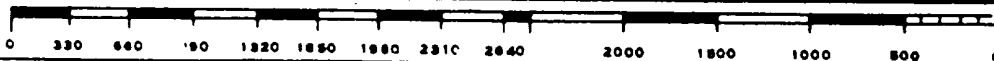
Date
JUNE 27, 1984

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
MAY 30, 1984

Registered Professional Engineer and/or Land Surveyor
John W. West

Certificate No. JOHN W. WEST, 676
RONALD J. EIDSON, 3239



SUPPLEMENTAL DRILLING DATA

WORTH PETROLEUM COMPANY

WELL NO.6 AMOCO FEDERAL

1. SURFACE FORMATION: Quaternary.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Rustler Anhydrite	300'
Bell Canyon	2936'
Cherry Canyon	4026'

3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Cherry Canyon	Oil
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4. PROPOSED CASING AND CEMENTING PROGRAM:

CASING SIZE	SETTING DEPTH		WEIGHT	GRADE	JOINT
	FROM	TO			
8-5/8"	0	450'	24#	K-55	STC
5-1/2"	0	5200'	14#	K-55	STC

8-5/8" casing will be cemented with approximately 250 sacks of Class "C" cement. Cement to circulate.

5-1/2" casing will be cemented with approximately 300 sacks of cement.

Equivalent or adequate grades and weights of casing may be substituted at time casing is run, depending on availability.

5. PRESSURE CONTROL EQUIPMENT:

A 3000 psi working pressure, double ram type preventer will be in use while drilling below the surface casing.

A BOP sketch is attached.

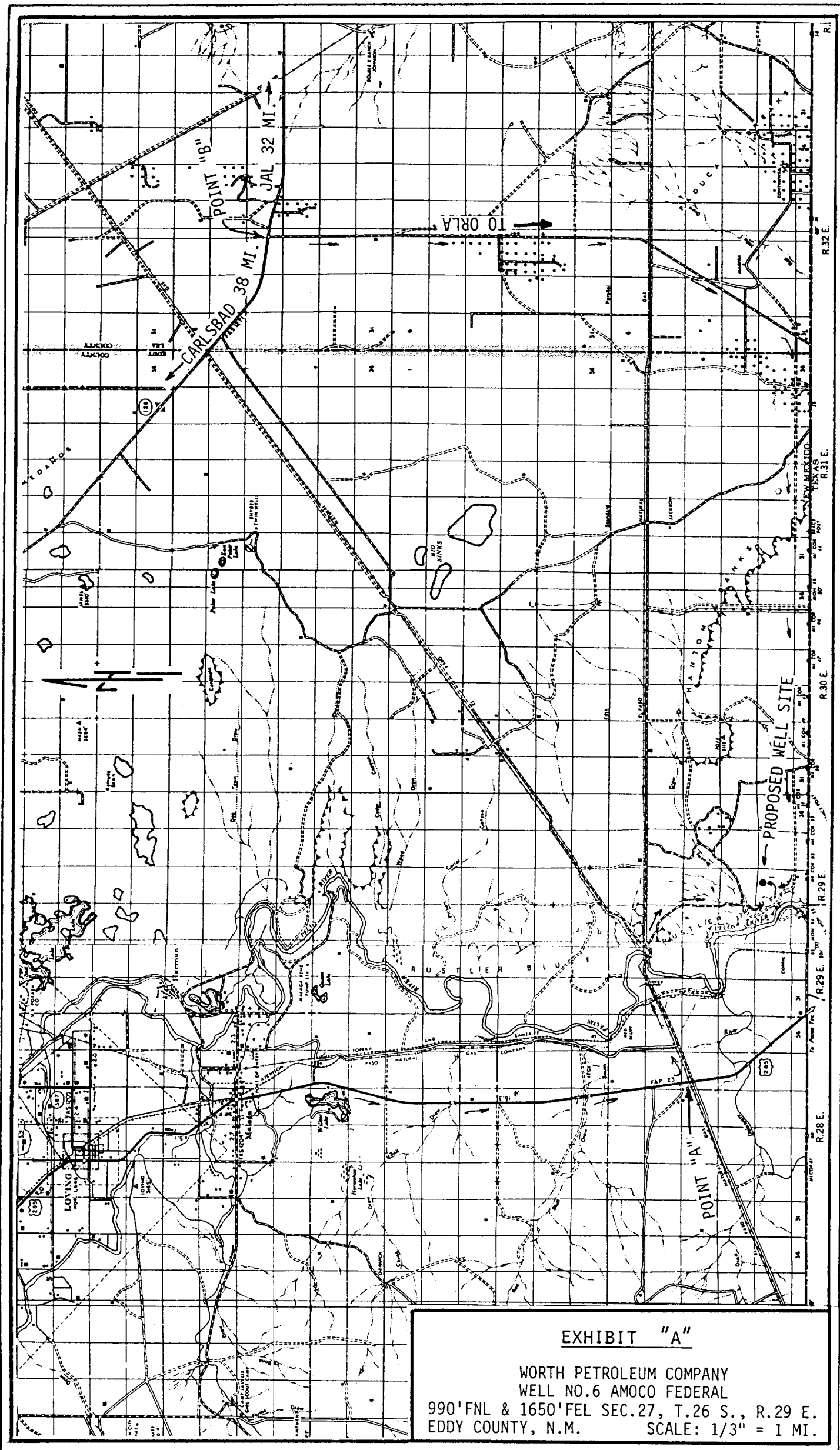


EXHIBIT "A"

WORTH PETROLEUM COMPANY
WELL NO.6 AMOCO FEDERAL
990'FNL & 1650'FEL SEC.27, T.26 S., R.29 E.
EDDY COUNTY, N.M. SCALE: 1/3" = 1 MI.

ARTHUR R. BROWN
101 E. Marland
Hobbs, New Mexico 88240
Office (505) 397-2767
Home (505) 392-5642

JAMES A. KNAUF
1501 W. Missouri
Artesia, New Mexico 88210
Phone (505) 746-4138

PETROLEUM
ENGINEERING & REGULATORY
SERVICES

101 E. Marland, Suite 105
Hobbs, New Mexico 88240

June 26, 1984

Bureau of Land Management
P. O. Box 1778
Carlsbad, New Mexico 88220

Gentlemen:

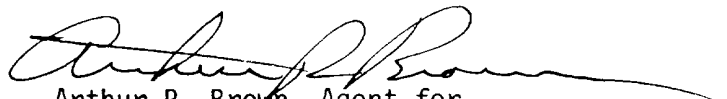
This is to advise that Worth Petroleum Company has contacted Mr. J. G. Ross, the surface owner, concerning surface restoration after completion of drilling operations at well No. 6 Amoco Federal, located in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 27, T.26 S., R.29 E., Eddy County, New Mexico, lease NM-38636.

Work to be done after completion of drilling operations is as follows:

If the well is completed for production, the well location will be cleaned up, and the drilling pits will be filled as soon as they are dry.

If the well is plugged and abandoned, all pits will be filled and levelled, the location will be cleaned up, and the well pad and access road will be left in place.

Sincerely,


Arthur R. Brown, Agent for
WORTH PETROLEUM COMPANY

ARB/bb

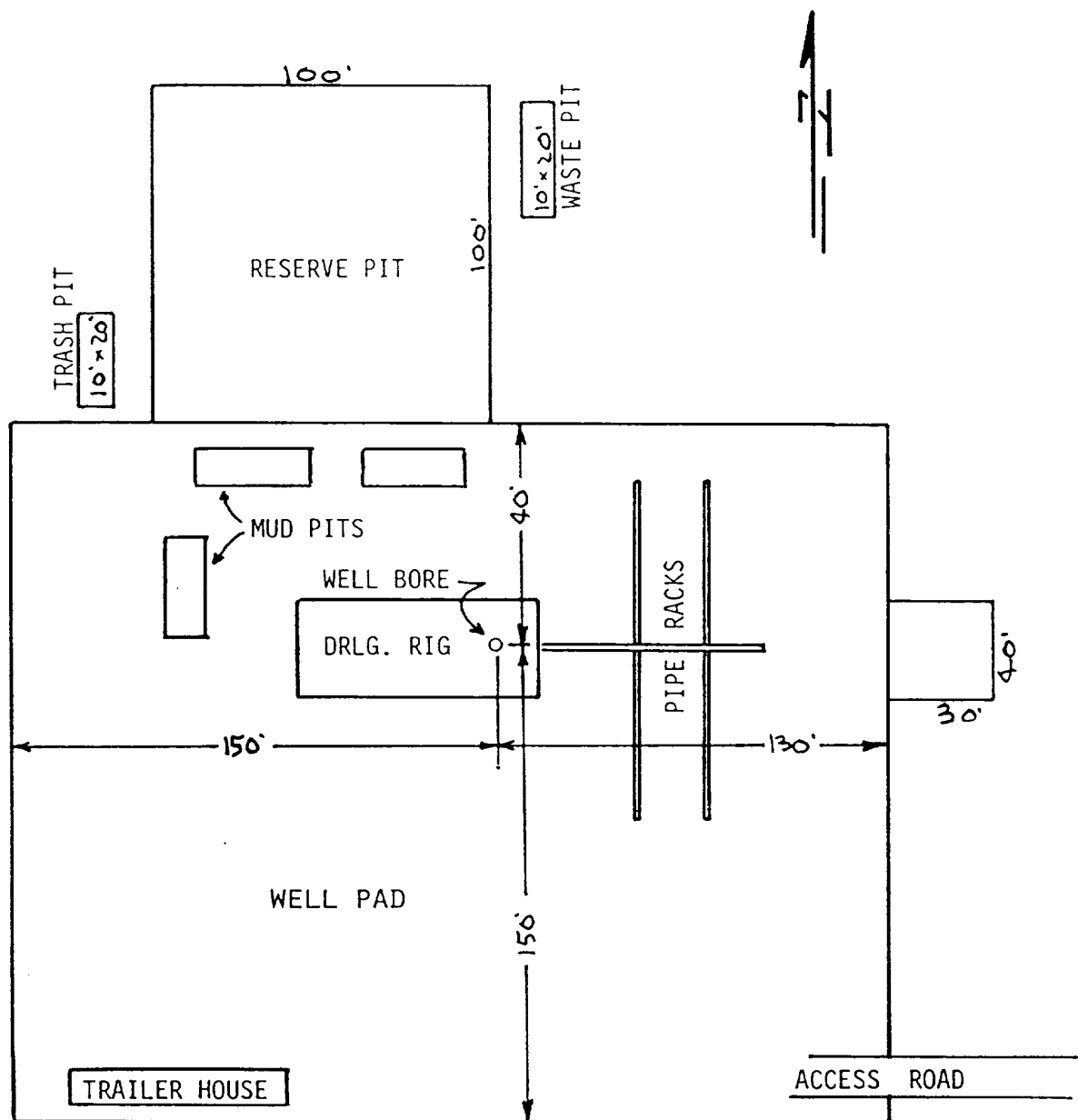


EXHIBIT "C"

WORTH PETROLEUM COMPANY
 WELL NO.6 AMOCO FEDERAL
 DRILLING RIG LAYOUT
 SCALE: None