

UNITED STATES
DEPARTMENT OF THE INTERIOR

SEP 7 1982

GEOLOGICAL SURVEY

O. C. D.

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

CHAMA PETROLEUM COMPANY ✓

3. ADDRESS OF OPERATOR

5447 GLEN LAKES DRIVE, DALLAS, TEXAS 75231

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

At surface

1650' FNL AND 1980' FEL OF SECTION 3

At proposed prod. zone

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

16 MILES SOUTH OF ARTESIA, NEW MEXICO

15. DISTANCE FROM PROPOSED*

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

1650'

16. NO. OF ACRES IN LEASE

1442.36

17. NO. OF ACRES ASSIGNED
TO THIS WELL

320

18. DISTANCE FROM PROPOSED LOCATION*

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

1650'

19. PROPOSED DEPTH

9800'

20. ROTARY OR CABLE TOOLS

ROTARY

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

3465.2' GR

22. APPROX. DATE WORK WILL START*

UPON APPROVAL

23.

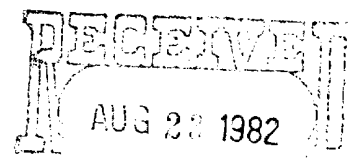
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	48#	350'	SUFFICIENT TO CIRCULATE
12-1/4"	8-5/8"	24#	1350' (or 3000')	SUFFICIENT TO CIRCULATE
7-7/8"	4 1/2" (or 5 1/2")	11.6# (or 17#)	9800'	250 SACKS

PRODUCTIVE ZONES WILL BE PERFORATED AND STIMULATED AS NECESSARY.

SEE ATTACHED FOR: SUPPLEMENTAL DRILLING DATA
BOP SKETCH
SURFACE USE AND OPERATIONS PLAN

GAS IS NOT DEDICATED.



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

AUGUST 20, 1982

(This space for Federal or State office use)

(Orig. Sgd.) GEORGE H. STEWART

PERMIT NO.

APPROVAL DATE

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

JAMES A. GILLHAM
DISTRICT SUPERVISOR

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

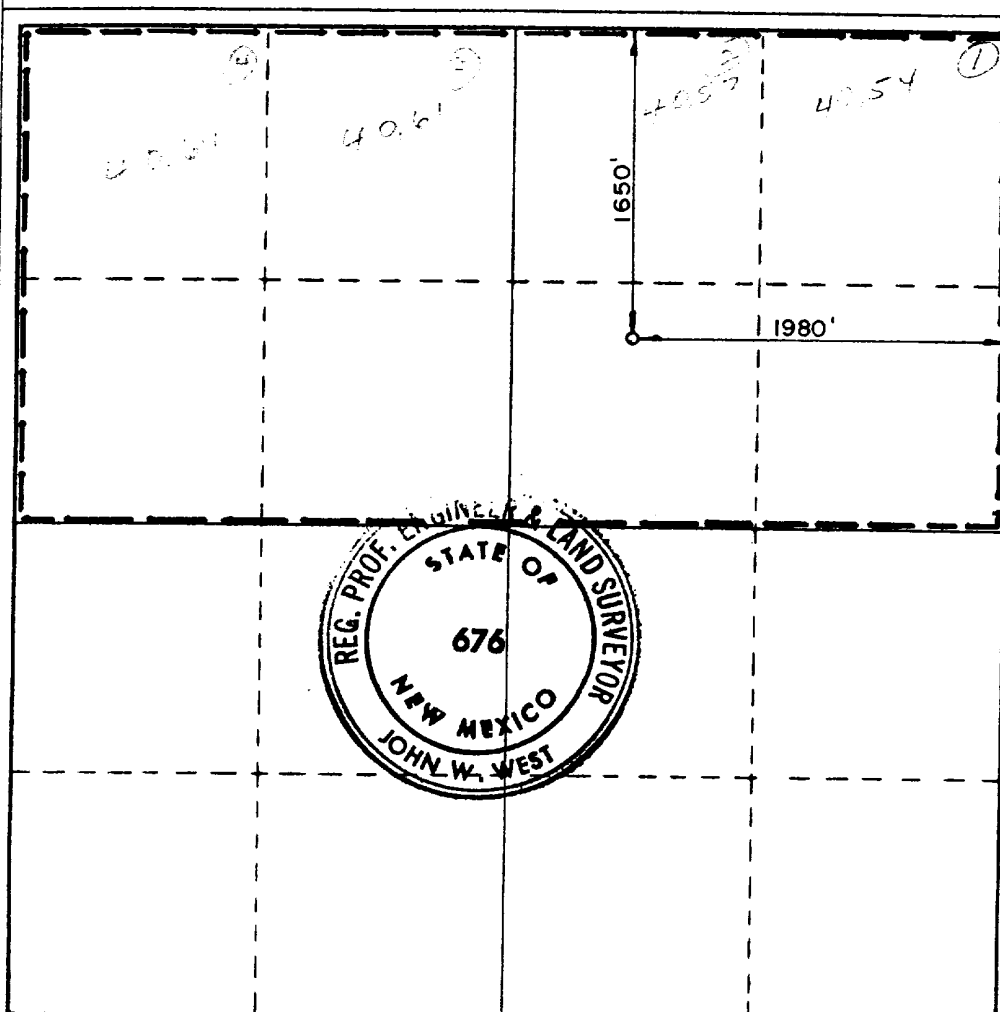
Operator CHAMA PETROLEUM			Lease HUBER FEDERAL		Well No. 2
Unit Letter G	Section 3	Township 20 S	Range 25 E	County EDDY COUNTY	
Actual Footage Location of Well: 1650' feet from the NORTH line and 1980' feet from the EAST line					
Ground Level Elev. 3465.2	Producing Formation MORROW		Pool <i>Cometary</i> UNDESIGNATED MORROW	Dedicated Acreage: 320.3236 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.

Arthur R. Brown
Name
Arthur R. Brown

Position
Agent for

Company
CHAMA PETROLEUM COMPANY

Date
AUGUST 18, 1982

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
AUGUST 13, 1982

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No. **JOHN W. WEST 676**
PATRICK A. ROMERO 6883
Ronald J. Eideon 3239

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600 6930 7260 7590 7920 8250 8580 8910 9240 9570 9900 0

SUPPLEMENTAL DRILLING DATA

CHAMA PETROLEUM COMPANY

WELL NO.2 HUBER FEDERAL

1. SURFACE FORMATION: Recent.

2. TOPS OF GEOLOGIC MARKERS:

Grayburg	484
San Andres	775
Yeso	2325
Tubb	3155
Bone Springs	4003
3rd Bone Springs	6288
Wolfcamp	6580
Cisco	7718
Strawn	8380
Atoka	8699
Morrow	9162

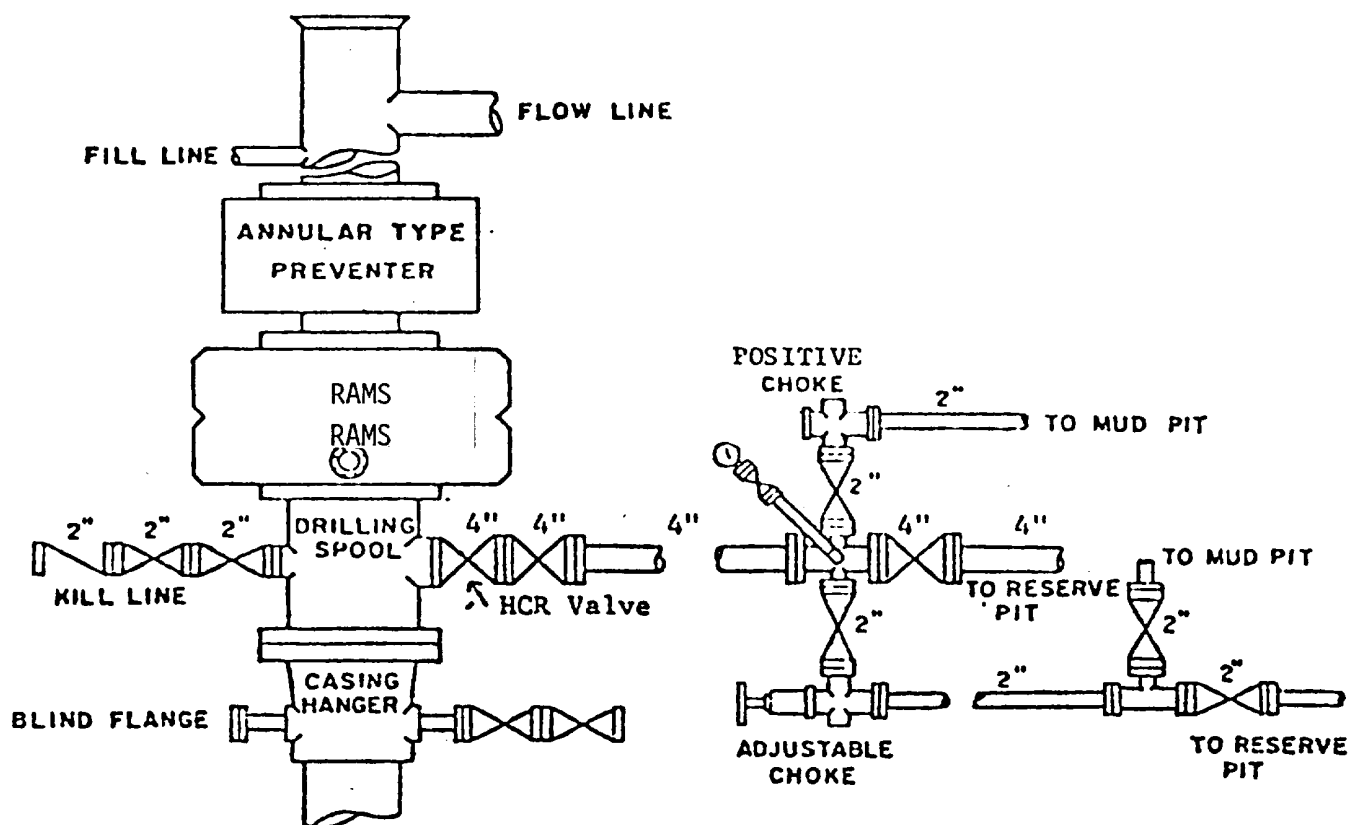
3. ANTICIPATED POSSIBLE HYDROCARBON BEARING ZONES:

Morrow	Gas
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4. PROPOSED CASING AND CEMENTING PROGRAM:

CASING SIZE	SETTING DEPTH		WEIGHT	GRADE	JOINT
	FROM	TO			
13-3/8"	0	350'	48#	H-40	STC
8-5/8"	0	1350'	24#	J-55	STC
Alternate intermediate casing -					
(8-5/8"	0	2300'	24#	J-55	STC
"	2300'	3000'	24#	S-80	STC).
4-1/2"	0	1400'	11.6#	N-80	LTC
"	1400'	8600'	11.6#	J-55	STC
"	8600'	9800'	11.6#	N-80	LTC
Alternate production casing string -					
(5-1/2"	0	1050'	17#	N-80	LTC
"	1050'	8550'	17#	J-55	STC
"	8550'	9800'	17#	N-80	LTC).

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



BOP STACK

SERIES 900

BOP ARRANGEMENT

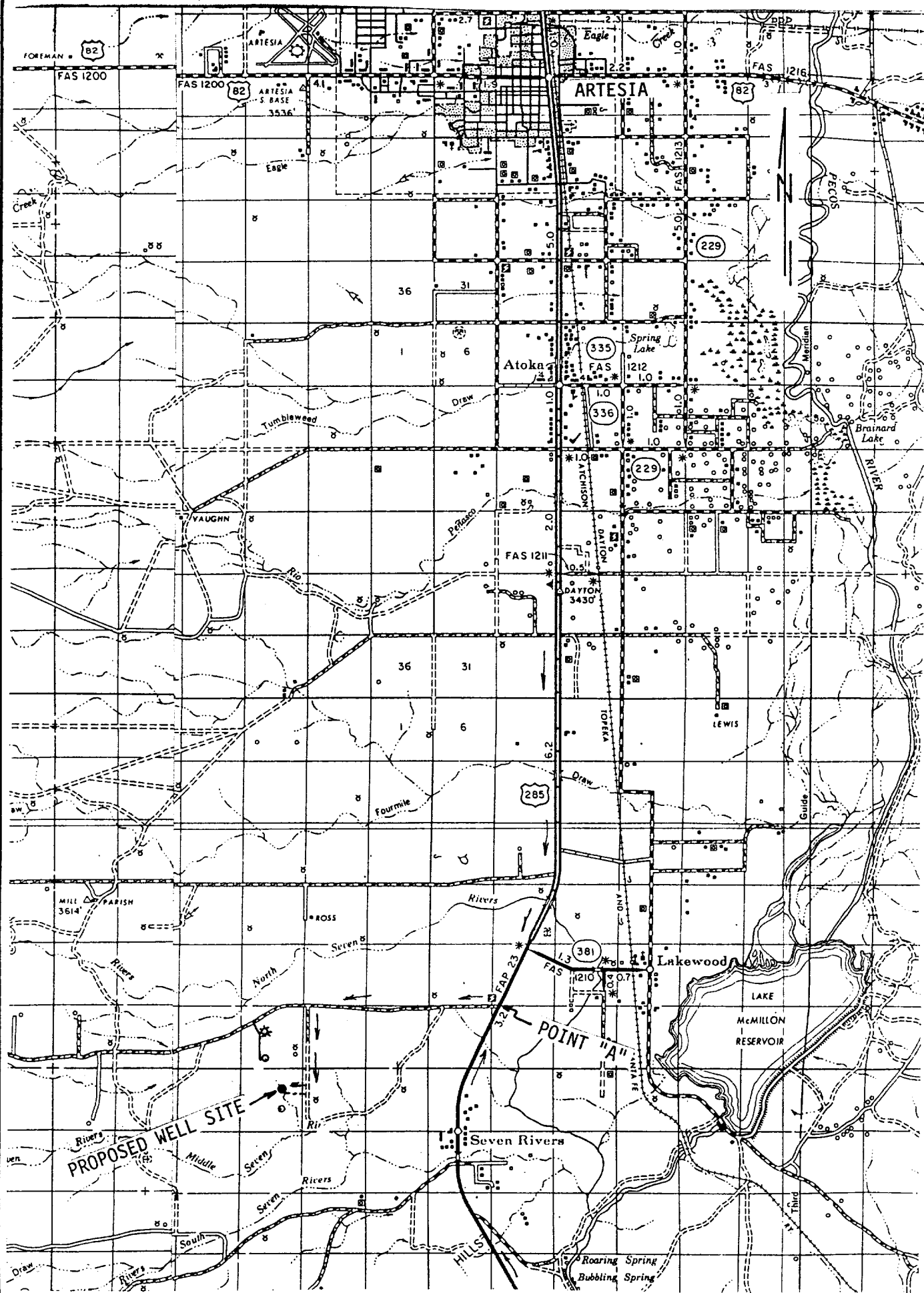


EXHIBIT "A"

CHAMA PETROLEUM COMPANY
 WELL NO.2 HUBER FEDERAL
 1650'FNL & 1980'FEL SEC.3, T.20 S., R.25 E.
 EDDY COUNTY, N.M. SCALE: 1/2" = 1 MI.

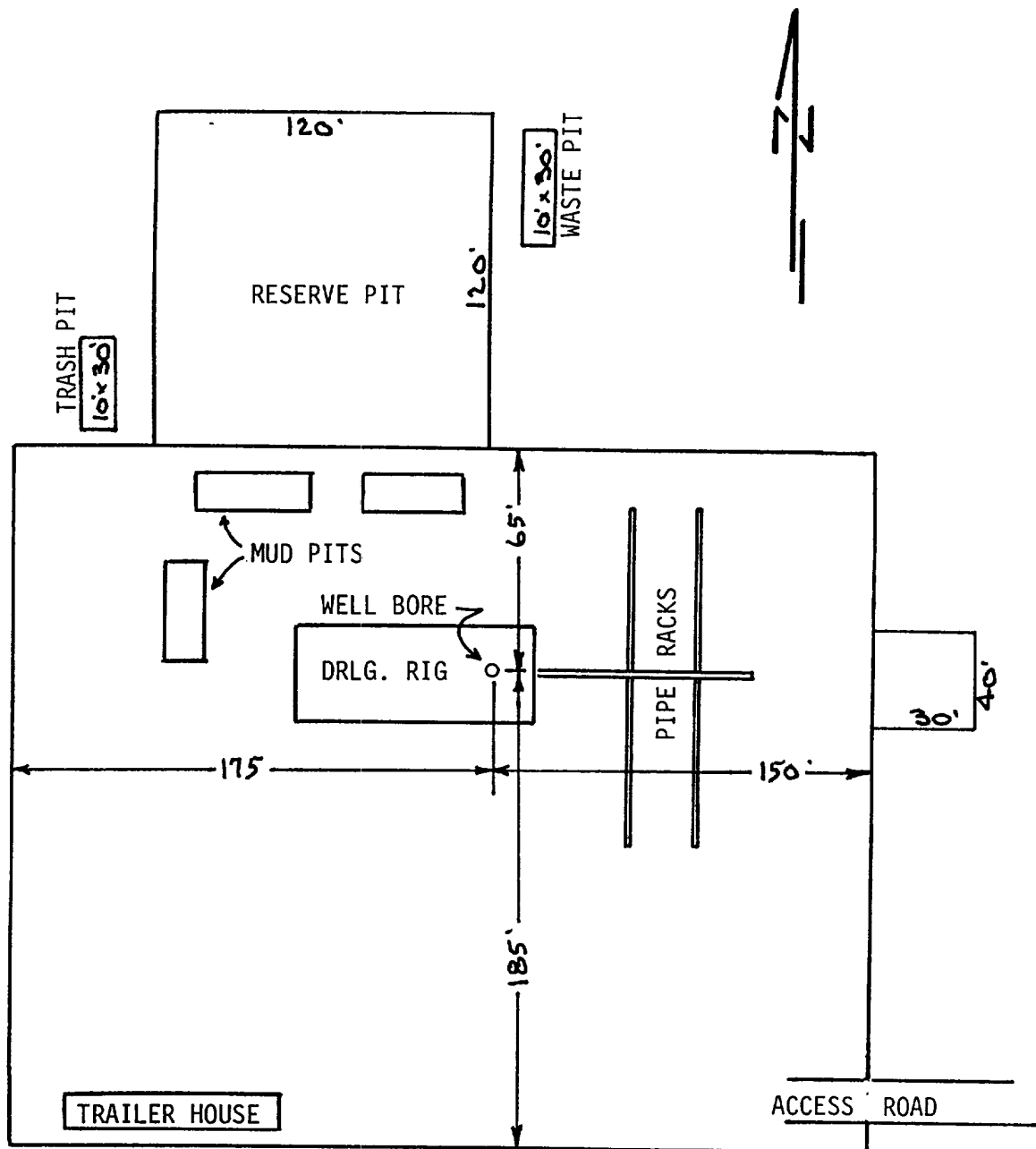


EXHIBIT "C"

CHAMA PETROLEUM COMPANY
WELL NO.2 HUBER FEDERAL
DRILLING RIG LAYOUT
SCALE: None