

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

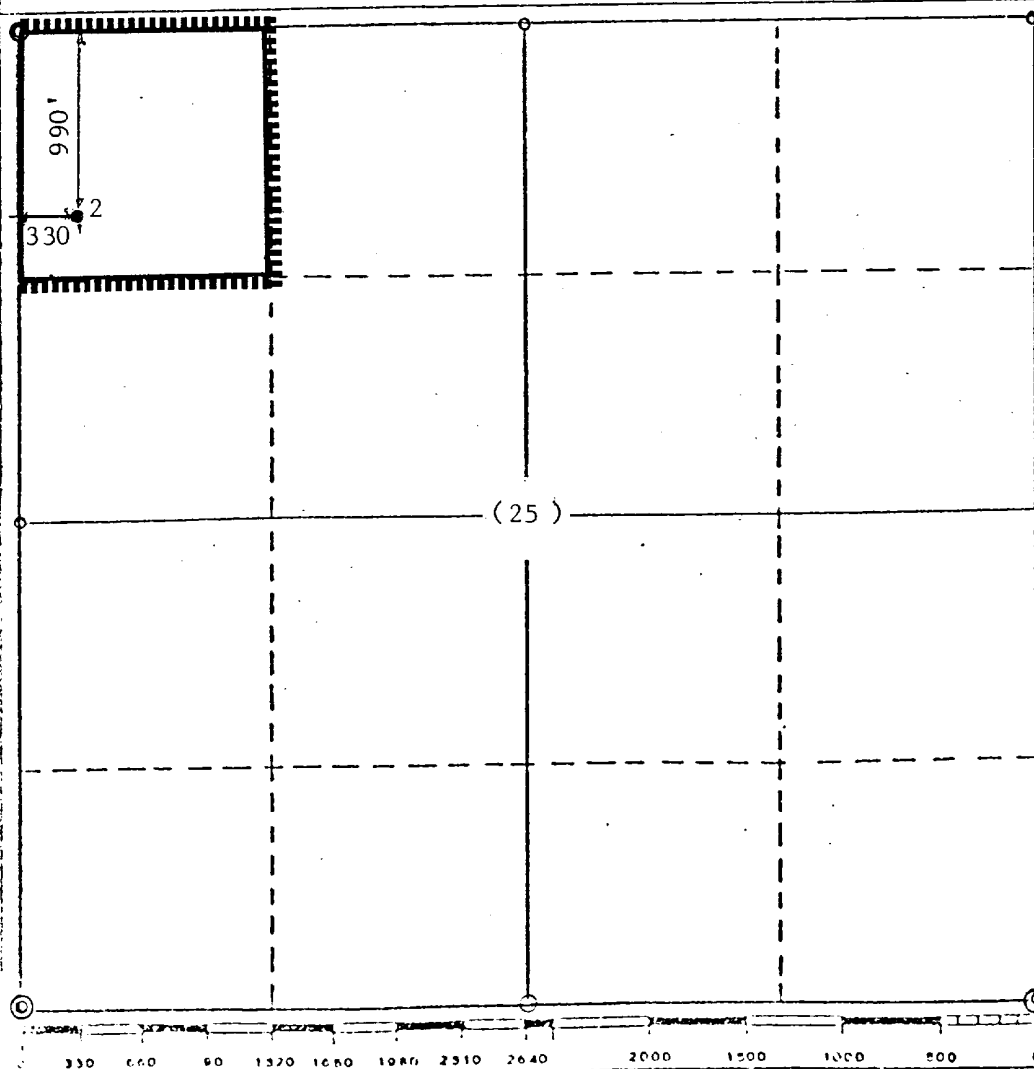
Operator Texaco Inc.		Lease "BD" Federal		Well No. 2
Unit Letter D	Section 25	Township 26-South	Range 29-East	County Eddy
Actual Footage Location of Well: 990 feet from the North line and 330 feet from the West line Sec. 25				
Ground Level Elev. 2925'	Producing Formation Cherry Canyon	Pool Brushy Draw Delaware	Dedicated Acreage: 40 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Division.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

R. S. Lane
Name

R. S. Lane

Position

Asst. Engineering Manager

Company

Texaco Inc.

Date

October 15, 1985

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

September 24, 1985

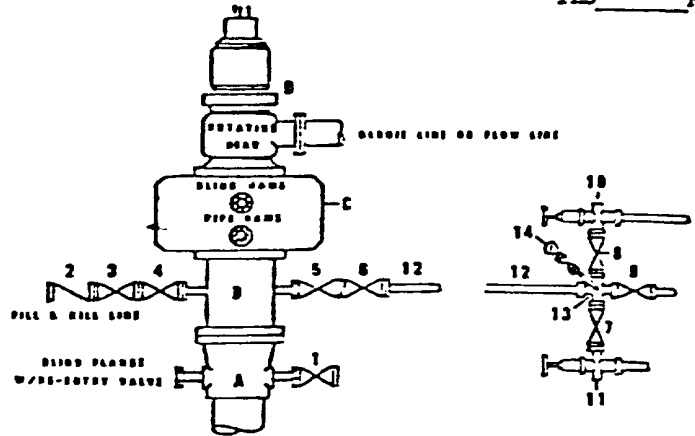
Registered Professional Engineer
and/or Land Surveyor

R. S. Lane *R. S. Lane*

Certificate No. 8103

DRILLING CONTROL
CONDITION II-B 3000 WP
FOR AIR DRILLING OR
WHERE YATES AIR BLOWS ARE EXPECTED

H₂S TRIM REQUIRE
 YES _____ NO _____



DRILLING CONTROL

MATERIAL LIST - CONDITION II - B
FOR AIR DRILLING

- A Texaco Wellhead
- B 3000# W.P. drilling spool with a 2" minimum flanged outlet for kill-line and 3" minimum flanged outlet for choke line
- C 3000# W.P. Dual ram type preventer, hydraulic operated with 1" steel, 3000# W.P. control lines (where sub-structure height is adequate, 2-3000# W.P. single ram type preventers may be utilized.)
- D Rotating Head and extended Flooie Line.
- 1,3,4, 7,8 2" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Tort Plug valve.
- 2 2" minimum 3000# W.P. back pressure valve
- 5,6,9 3" minimum 3000# W.P. flanged full opening steel gate valve, or Halliburton Lo Tort Plug valve.
- 12 3" minimum schedule 80, Grade "A", seamless line pipe
- 13 2" minimum x 3" minimum 3000# W.P. flanged cross
- 10, 11 2" minimum 3000# W.P. adjustable choke bodies
- 14 Cameron Mud Gauge or equivalent (location optional in choke line.)

SCALE	DATE	REV. NO.	APP. NO.
DRAWN BY			
CHECKED BY			
APPROVED BY			

	TEXACO, INC. PRODUCING DEPARTMENT (MIS. SERV.) MIDLAND, TEXAS	
EXHIBIT C		

ANTICIPATED WATER, OIL, GAS
AND MINERAL BEARING FORMATIONS

Well: "BD" Federal No. 2

Location: 990' FNL & 330' FWL, Section 25,
T-26-S, R-29-E

County: Eddy State: New Mexico

Elevation: 2925' GL Proposed TD: 5600'

Surface Formation: Quanternary Allurium

(1 & 2)

FORMATION TOPS

<u>Depth</u>	<u>Formation</u>	<u>Oil</u>	<u>Gas</u>	<u>Water</u>	<u>Minerals</u>
0'	Quanternary Allurium				
130'	Dewey Lake Red Beds			X	
410'	Rustler Dolo. & Anhy.			X	
820'	Salado Salt			X	
1230'	Castile Anhy.			X	
3030'	Lamar			X	
3075'	Ramsey	X	X		
3125'	Olds	X	X		
3950'	Cherry Canyon	X	X		
5135'	Cherry Canyon Pay (F95)	X	X		
5175'	Brushy Canyon	X	X		

(3) Blowout preventer will be installed after surface pipe is set at 500'. Testing frequency every 8 hours.

(5)

MUD PROGRAM

<u>Depth</u>	<u>Type</u>	<u>Weight</u>	<u>Viscosity</u>	<u>Water Loss</u>	<u>% (Raw Crude Diesel Oil)</u>
0- 500'	Spud Mud	8.4-8.8	29		
500-3000'	Brine Water	10.0	32	Additives for	
				hole control only.	
3000-TD	Cut Brine	9.0-9.6			

(6) No cores are to be taken but GR-CAL-CNL-FDC and GR-DLL-MSFL logs will be run.

(7) No abnormal pressures, temperatures or hazardous gases are anticipated to be encountered in this well.

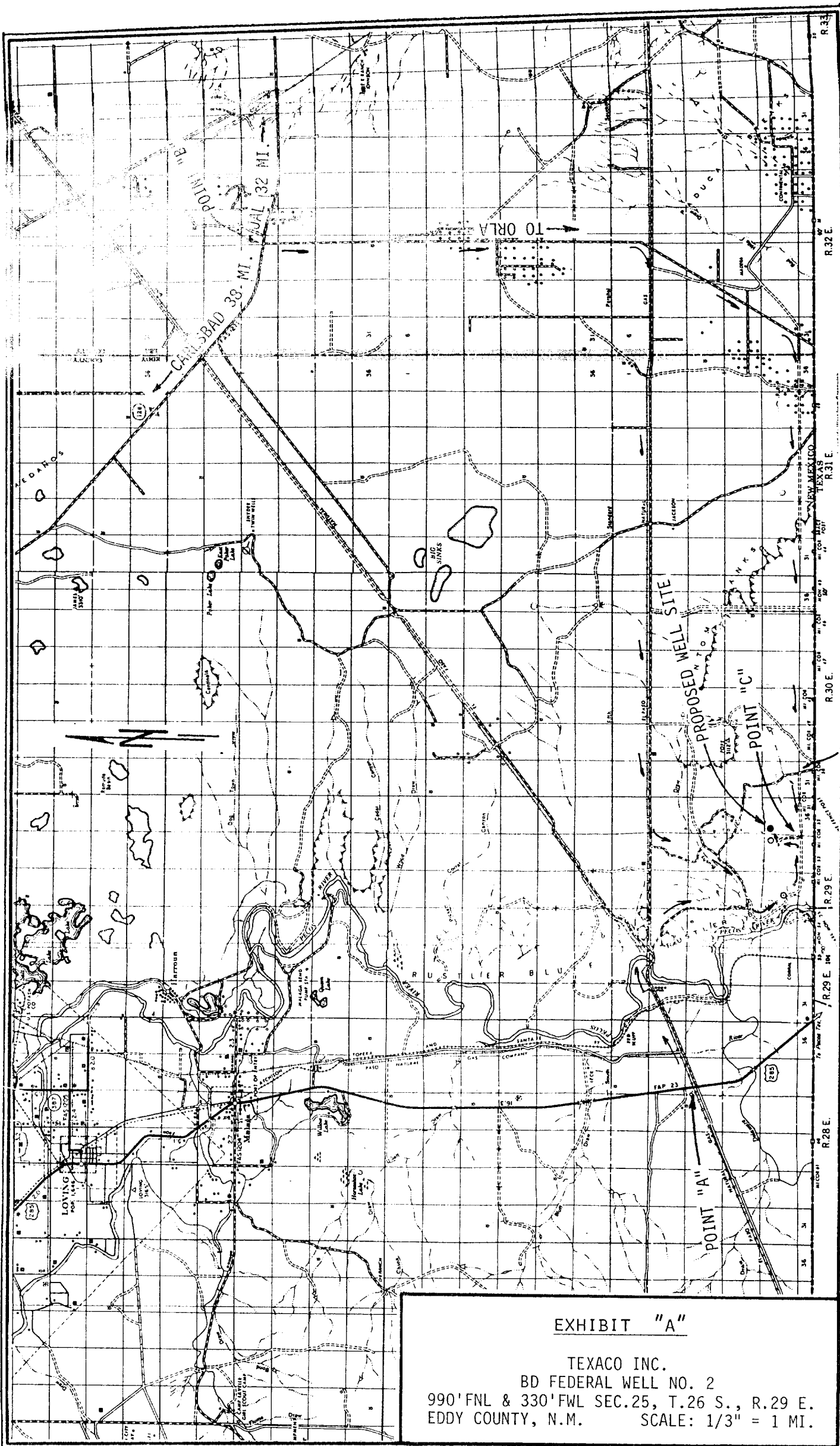


EXHIBIT "A"

TEXACO INC.
BD FEDERAL WELL NO. 2
990' FNL & 330' FWL SEC. 25, T. 26 S., R. 29 E.
EDDY COUNTY, N.M. SCALE: 1/3" = 1 MI.

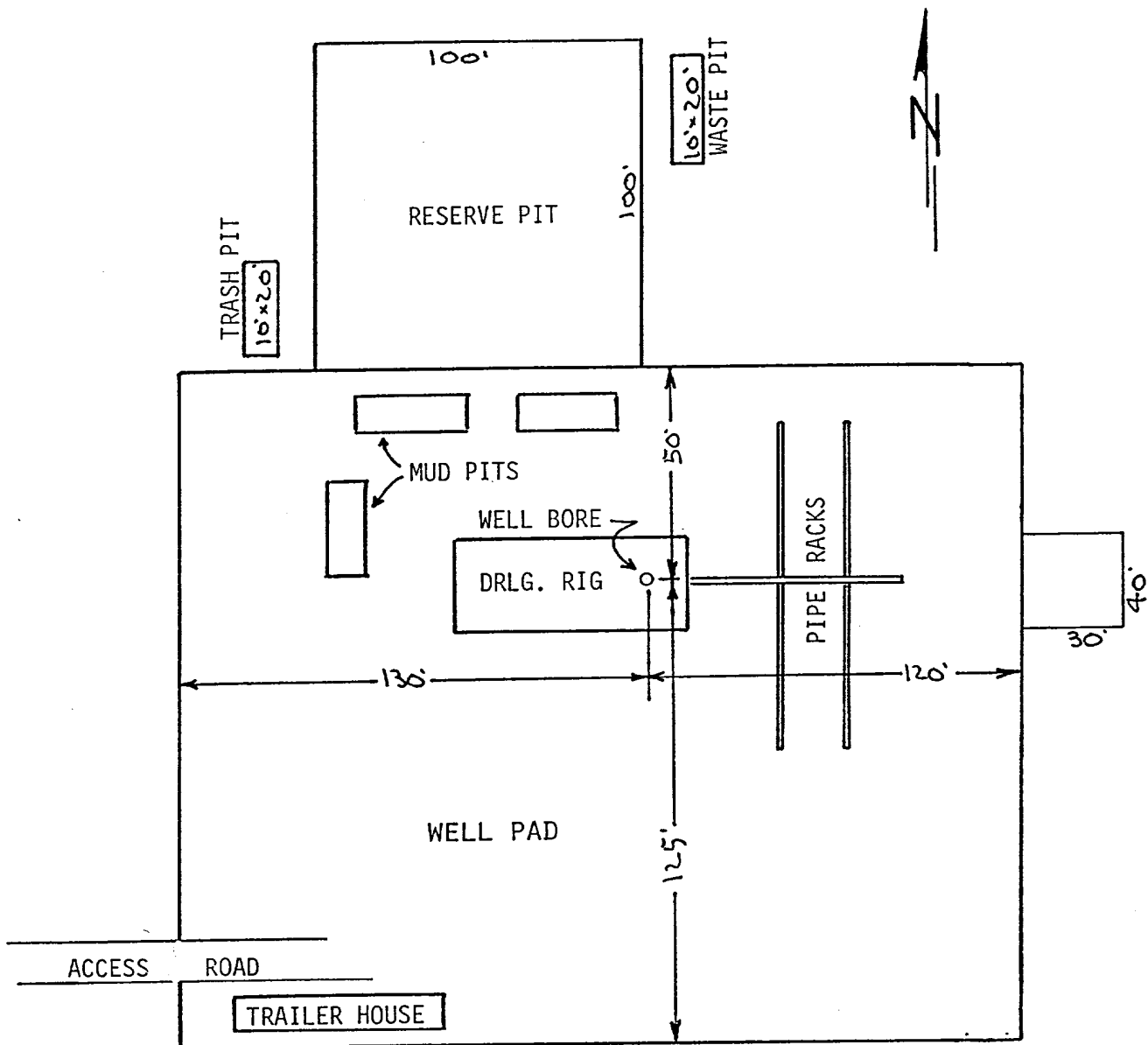


EXHIBIT "C"

TEXACO INC.
 BD FEDERAL WELL NO. 2
 DRILLING RIG LAYOUT
 SCALE: None