



IN REPLY REFER TO:

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
505 Marquette NW
Suite 815
Albuquerque, New Mexico 87125

c/sf

12 JAN 1983

RECEIVED

JAN 13 1983

O. C. D.
ARTESIA, OFFICE

Gulf Oil Corporation
P.O. Box 670
Hobbs, NM 88240

Dear Sir:

Your application for Permit to Drill well No. 117 North Hackberry Yates, Unit in the NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 24 T. 19 S., R. 30 E., Eddy County, New Mexico, lease NM-06765, to a depth of 2000 feet to test the Yates formation in the oil-potash area, is hereby approved as amended by stipulations attached to the application.

One copy of the application is returned herewith. Please notify our Artesia office, telephone no. 505-746-9838, in sufficient time for a representative to witness all cementing operations.

Sincerely yours,

(Orig. Signed) - Michael F. Reitz

Gene F. Daniel
Deputy Minerals Manager
Oil and Gas

Enclosure

cc:

NMOC (2)
BLM - Carlsbad
SCR
DMM - Mining (2)
Regional Files
Roswell District Files
Artesia Sub District
suspense File
ACF
RCF

JAGillham/la/1-6-83

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

c/sf

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒CAS
WELL ☐

OTHER

SINGLE ZONE ☒ RECEIVED
MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Gulf Oil Corporation ✓

JAN 13 1983

3. ADDRESS OF OPERATOR

P. O. Box 670, Hobbs, NM 88240

O. C. D.

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

At surface

2350' FSL & 2475' FWL

ARTESIA, OFFICE

At proposed prod. zone

5. LEASE DESIGNATION AND SERIAL NO.

NM 06765

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

North Hackberry Yates Unit

8. FARM OR LEASE NAME

N. Hackberry Yates Unit

9. WELL NO.

117

10. FIELD AND POOL, OR WILDCAT

North Hackberry Yates

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec 24-T19S-R30E

12. COUNTY OR PARISH

Eddy

13. STATE

NM

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

Approx 27 miles northeast Carlsbad, NM

15. DISTANCE FROM PROPOSED*

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

16. NO. OF ACRES IN LEASE

480

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.

19. PROPOSED DEPTH

2000'

20. ROTARY OR CABLE TOOLS

Rotary

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

3356' GL

22. APPROX. DATE WORK WILL START*

1-1-83

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#	600'	600 sx - circ
7-7/8"	5 1/2"	15.5#	2000'	circ

Mud Program:

0' - 600'
600' - 2000'FW spud mud
Brine waterPost ID-1
1-21-83
New Loc. &
APT

See Attached BOP Drawing #2

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.

21.

SIGNED

TITLE Area Production Manager

DATE 12-14-82

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NM OGD APPROVAL NON STD Loc.

RECEIVED

DEC 15 1982

*See Instructions On Reverse Side

OIL & GAS
MINERALS MGMT. SERVICE
ROSWell, NEW MEXICO

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All locations must be from the outer boundaries of the Section

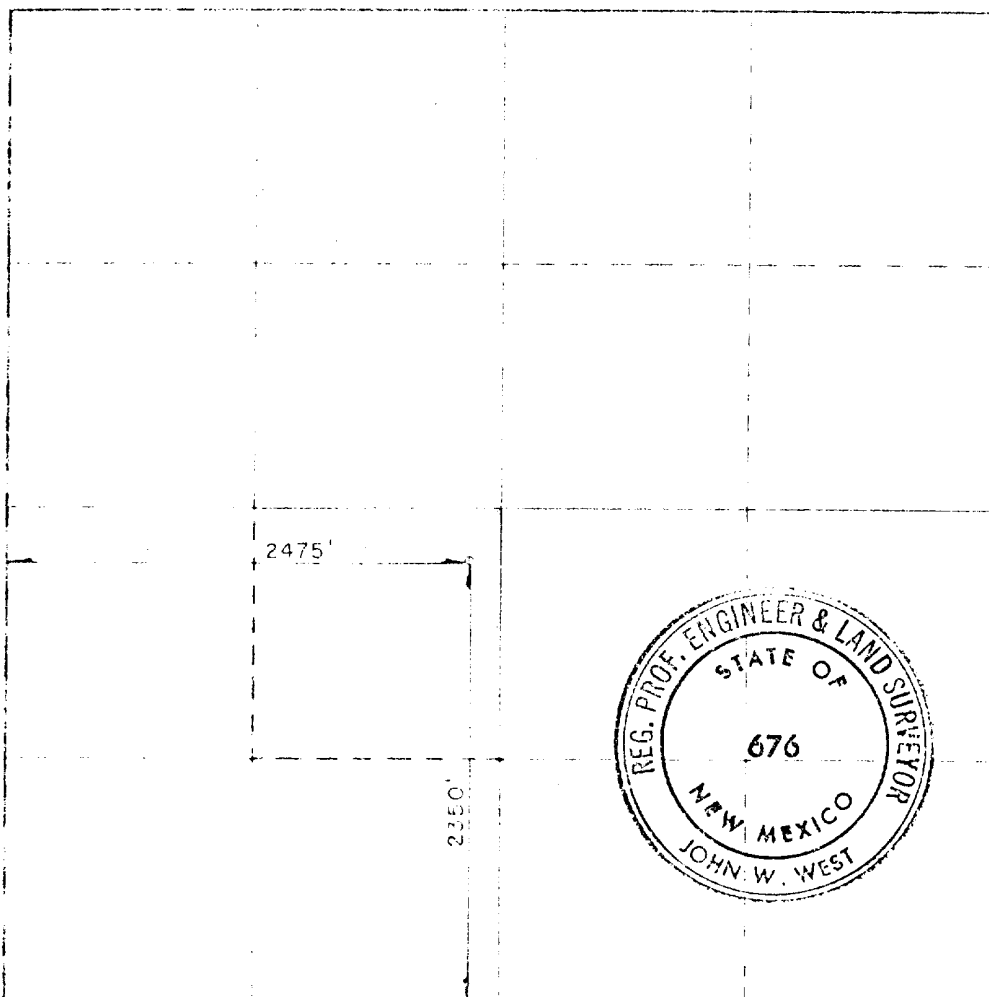
GULF OIL CORP.		NORTH HACKBERRY YATES UNIT		Well No. 117
K	24	19 SOUTH	30 EAST	EDDY
2350		SOUTH	2475	WEST
3355.6	Yates	North Hackberry Yates	40	Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 additional well be assigned to the well until all interests have been consolidated (by communitization, unitization, force 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.

R. C. Anderson

R. C. Anderson

Area Production Manager

Gulf Oil Corporation

12-14-82

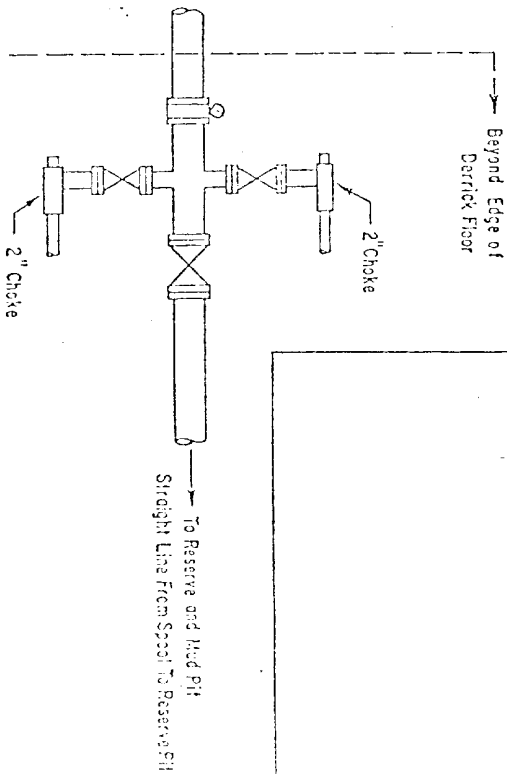
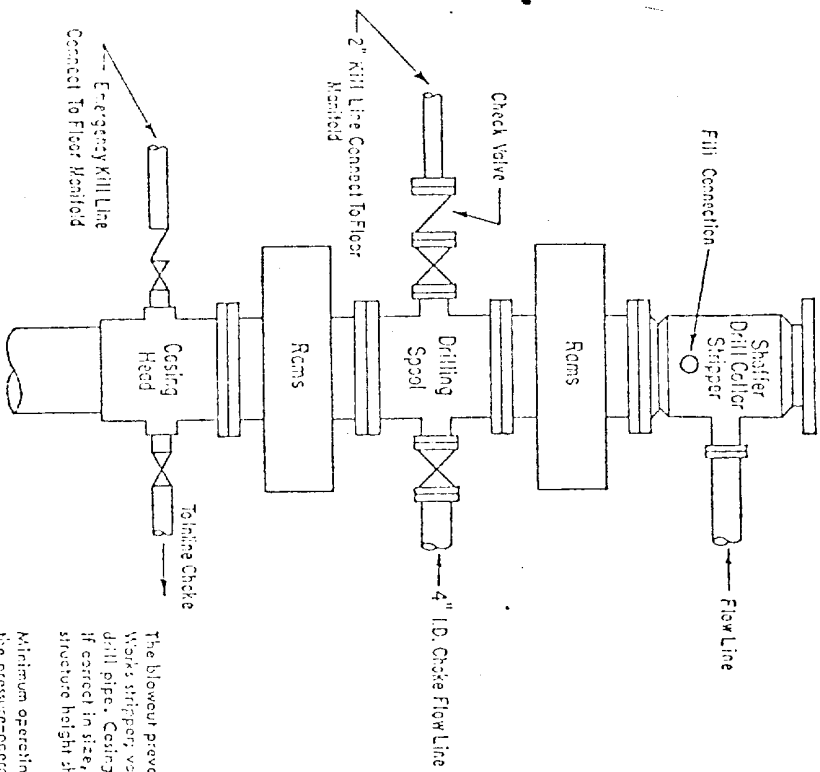
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

DECEMBER 1, 1982

Registered Professional Engineer and Land Surveyor

John W. West

JOHN W. WEST N.M. #676



ADDITIONS - DELETIONS - CHANGES
SPECIFY

3000 PSI WORKING PRESSURE BLOWOUT PREVENTER HOOK-UP

The blowout preventer assembly shall consist of one blind ram preventer and one pipe ram preventer, both hydraulically operated, a Shut-off Tool Joint Stopper, valves, checkers and connections, as illustrated. If a tapered drill string is used, a ram preventer must be provided for each size of drill pipe. Casing and tubing rams to fit the preventers are to be available as needed. The ram preventers may be two single or a master type. If correct in size, the flanged outlets of the ram preventer may be used for connecting to the 4-inch I.D. choke flow line and kill line. The sub-structure height shall be sufficient to install a rotating blowout preventer.

Minimum operating equipment for the preventers shall be as follows: (1) Pump (a) driven by a continuous source of power, capable of lifting all the pressure-operated devices simultaneously within _____ seconds. The pump (a) is to be connected to a closed type hydraulic operating system. (2) When required, accumulators with a precharge of nitrogen of not less than 750 PSI and connected so as to reserve a fluid charge from the above pump (a). With the charging pump (a) shut down, the pressurized fluid volume stored in the accumulators must be sufficient to close all the pressure-operated devices simultaneously within _____ seconds after closure, the remaining accumulator pressure shall be not less than 1000 PSI with the remaining accumulator fluid volume of least _____ percent of the original. (3) When necessary, an additional source of power, reserve and equivalent, is to be available to operate the above pump (a); or there shall be an additional pump (a) operated by separate power and equal in performance capabilities.

The closing manifold shall have a separate control for each pressure-operated device. Controls are to be located, with control handles in standing open and closed positions. A pressure reducer and regulator must be provided if a Hydril preventer is used. Culligan No. 23 hydraulic oil, an equivalent or better, is to be used as the fluid to operate the hydraulic equipment.

The choke manifold, choke flow line, and choke lines are to be supported by metal stands and adequately anchored. The choke flow line and choke lines shall be constructed as straight as possible and without sharp bends. Easy access is to be maintained to its ends. All valves are to be selected for operation in the presence of oil, gas and drilling fluids. The choke flow line valve connected to the drilling spool and all ram type preventers must be equipped with stem extensions, universal joints if needed, and hand wheels which are to extend beyond the edge of the derrick substructure. All other valves are to be equipped with handles.

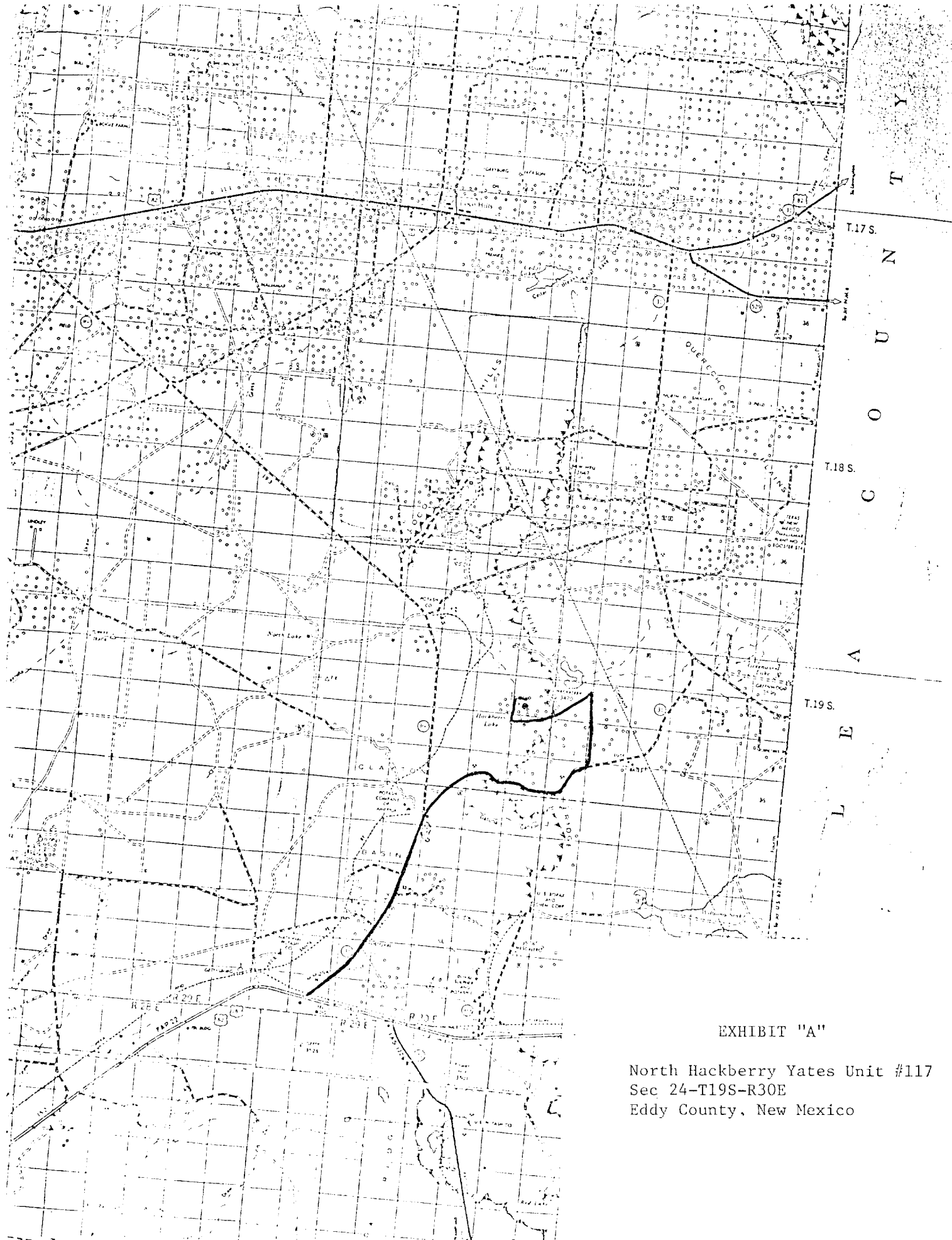


EXHIBIT "A"

North Hackberry Yates Unit #117
Sec 24-T19S-R30E
Eddy County, New Mexico

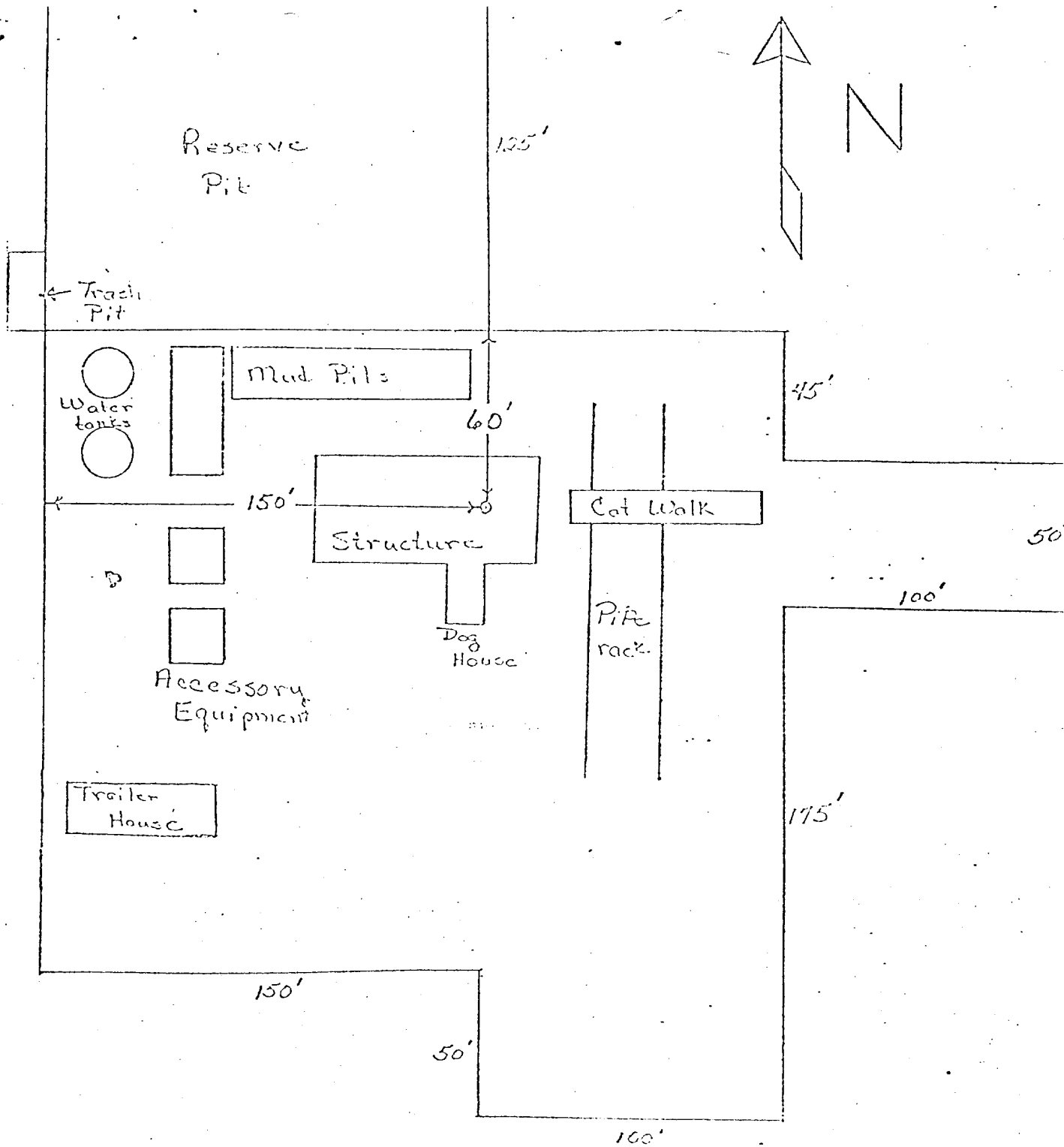


EXHIBIT "D"

North Hackberry Yates Unit #117
 Sec 24-T19S-R30E
 Eddy County, New Mexico

SOUTHWEST ROYALTIES, INC. 24-19S-30E
N. HACKBERRY YATES UT. 117 Ut. K NE SW

NSL-1643 Appv. 12-22-82

