

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

David C. Collier

3. ADDRESS OF OPERATOR

Box 740, Artesia, New Mexico 88210

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

At surface

330' from South line & 2310' from East line

At proposed prod. zone

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

15. 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

80

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
3250'

20. ROTARY OR CABLE TOOLS
Rotary

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

3604'

GR

22. APPROX. DATE WORK WILL START*
June 20, 1974

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 7/8"	8 5/8"	32#	100' 250'	7500# CIRCULATE
7 7/8"	5 1/2"	15#	3250'	5000#

WID PROGRAM: Surface hole 0-100' spud mud.

100' - 2900' native mud, becoming salt saturated.

2900' - MD viscosity 34-36, wt. 10.2 lbs., water loss 20 cc's.

Blowout Preventer: API Series 900 with 3000 PSI Working Pressure
Double Hydraulic with Payne closing unit.

TRASH AND JUNK SHOULD BE
BURIED IN A SEPARATE TRASH PIT.

Minimum of 250 feet of Surface Csg. Required

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

Robert A. Heaton

TITLE

Geologist

DATE

5-30-74

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED
AS AMENDED
JUN 2 1974
AKINER & BROWN
DISTRICT ENGINEER

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

RECEIVED

JUL 2 1974

U.S. CONSERVATION COMM.
HOUSTON, N. M.

NEW MEXICO OIL CONTROL ACT
WELL LOCATION AND AREA REPORT, FORM C-122

Form C-122
Supersedes C-128
Effective 1-1-65

All distances must be in feet or fractions thereof.

Operator David C. Collier			Federal 19			Well No. 1		
Unit Letter O	Section 19	Range 19 S	33 E			Lea		
Actual Location of Well: 330 feet from South 2310 East								
Ground level elev. 3604			Formation Yates Sand			Designated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well on the plat below.
2. If more than one lease is dedicated to the well, list them (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have all owners been consolidated by communitization, unitization, forced pooling, or otherwise?

☐ Yes ☐ No If answer is "yes" give details below.

If answer is "no," list the owners and how they were consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all leases are consolidated by communitization, unitization, forced pooling, or otherwise) or until a nonstandard lease is approved by the Commission.

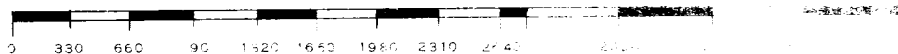
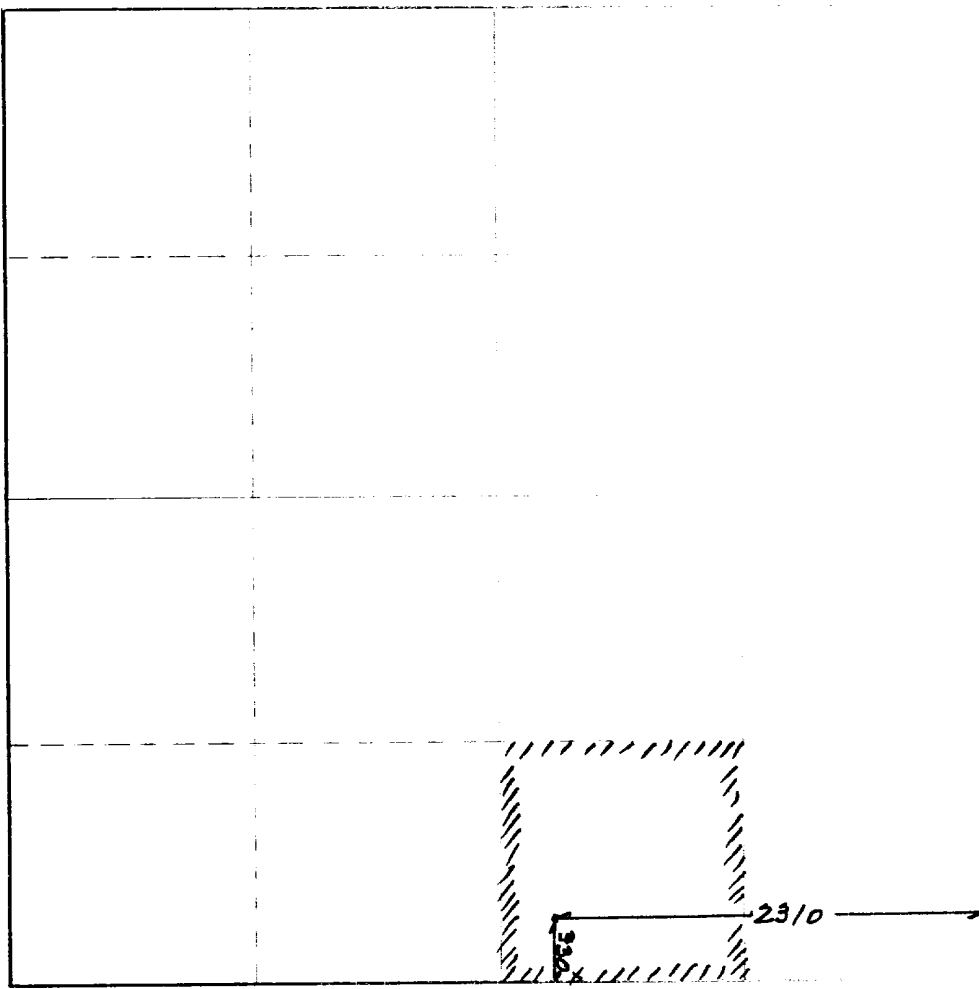
CERTIFICATION

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

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

May 23, 1974
E. J. Minter
State Engineer

3064



RECEIVED

JUL 19 1957

U.S. DEPARTMENT OF COMMERCE
BUREAU OF COMMERCE

DEVELOPMENT PLAN FOR USE ON DAVID C. COLLIER NO. 1 FEDERAL-19

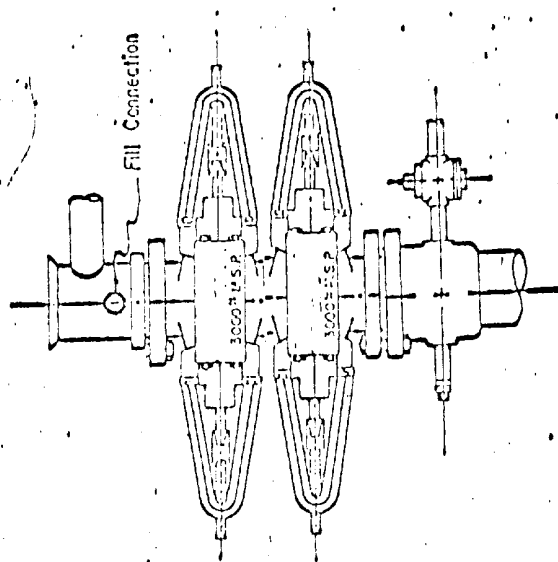
Attached are the following listed items as requested by the USGS.

1. Existing roads (see area map)
2. Planned access to the location. (see area map)
3. Offsetting pool wells.
4. Lateral roads to other wells.
5. Location of tank battery and flow line will be furnished at a later date.
6. Water will be either hauled or pipelined in from an off lease source.
7. The drilling contractor will be required to comply with OSHA requirements.
TRASH AND JUNK SHOULD BE
BURIED IN A SEPARATE TRASH PIT
8. No camps are involved.
9. No airstrips are involved.
10. A sketch of the location layout is attached showing the position of the rig, pipe rack and reserve pit, as well as the size of the location.
11. The location will be restored to the satisfaction of the Bureau of Land management. All trash will be buried.
12. The location is on level range land. The drilling of this well will not adversely affect the environment. Vegetation is sparse.
13. API Series 900 Blowout Prevention Equipment will be used with 3000 PSI working pressure. (see attached sketch)

Field Representative: Robert S. Gleason 3201 Douglas Drive, Midland, Texas
Tel. 915-694-7173 or in Artesia
Tel. 505-746-6420

May 30, 1974

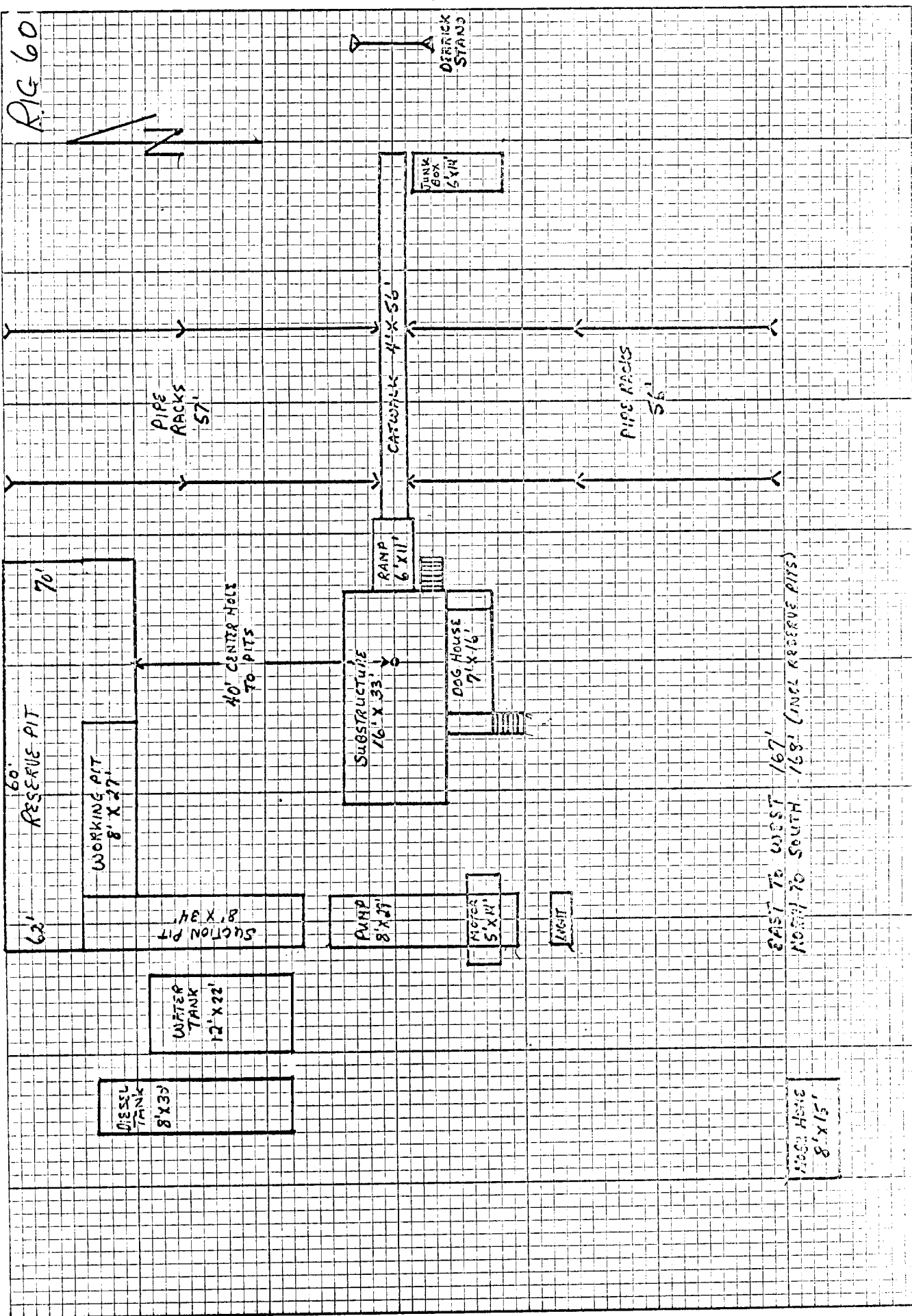
David C. Collier #1-Federal 19 (Sec. 15, 1-11-5, A-33-1)



3,000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP

Series 900 Flanges, or Better

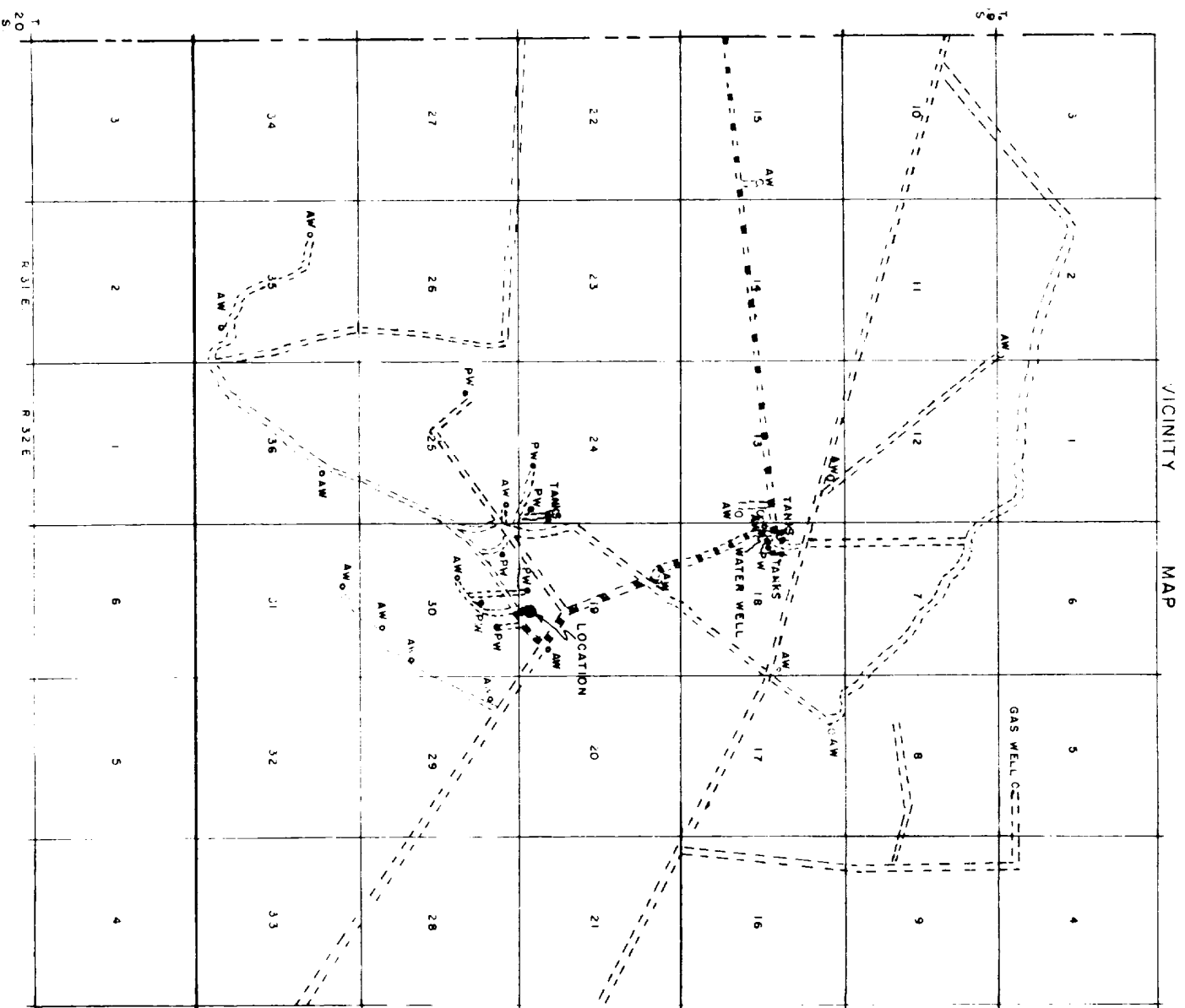
David C. Collier #1-Federal 19 sketch of location layout.



DAVID C. COLLIER
1. Water supply requirements will be
hailed to site.

FEDERAL N. M. 19
2. Will bury all waste to approval of
Environmental Services.

NO. 1
3. Site will be cleaned and restored
to natural conditions in case of
abandonment.



LEGEND

- TANK BATTERIES
- PRODUCIBLE WELL
- DRILLING WELL
- ABANDONED WELL
- WINDMILL
- EXISTING ACCESS ROAD
- EXISTING ROAD

