

02-263068

3 Aug 78
Approved (GLK)

PERMIT

P 28624
A 24947

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

8/2/78
Frank Skinner
Co.

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 2nd

DATE 8/1/78

8/3/78
Ground work

INDEXED

Pat Lendrim IS PERMITTED TO INSTALL ALTER

ADDRESS 14010 Forsythe Road, Sykesville, Md. 21784 PHONE 442-2416

SUBDIVISION _____ ROAD 4819 Manor Lane LOT 7

PROPERTY OWNER Thomas A. Reigle

ADDRESS 12199 Rilland Court, Ellicott City, Md. 21043 Phone: 988-9338

SPECIFICATIONS 3 bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

INLET PIPE _____ FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN

1502
FACING LOT FROM
DRY WELL AND TRENCH - System to have 190 sq. ft. effective sidewall absorption area per bedroom to begin below the first 4½ ft. of non-porous soil. Maximum depth permitted for dry well or trench is 12½ ft. below original grade. Place the dry well 75 ft. from the front (200.40 ft. long) property line and 54 ft. from the right side line as seen when facing the property from Manor Lane. Start the trench after a 5 foot earth buffer with the dry well and proceed to dig it on level ground, the necessary distance.

PLANS APPROVED BY Frank Skinner DATE 2/7/78

COVER NO WORK UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

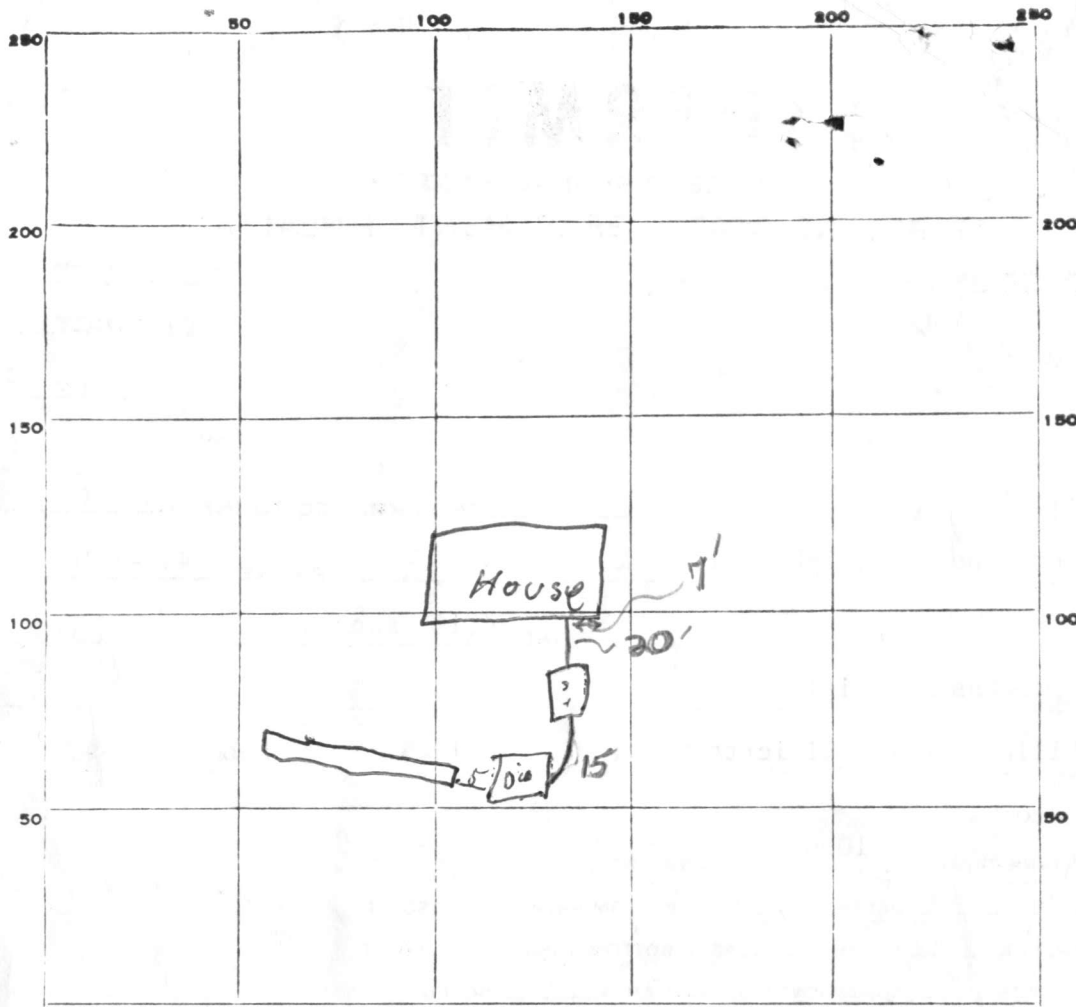
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT.

A 24947



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Mamm La

190
+3
570
188
375
563
175
188

PERMIT CARD NP

SEPTIC TANK, LEVEL CLEANOUTS

ST	DW
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

CAST IRON

DISTRIBUTION BOX, LEVEL Na

TILE FIELD, DEPTH 12 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7.5 IN. TOTAL LENGTH 25 FT.

NUMBER OF TRENCHES 1 TOTAL 1/2 SW BOTTOM AREA 188 188

SEEPAGE PITS, INSIDE DIAMETER 50 FT. DEPTH BELOW INLET 7 1/2 FT. ± 375

ABSORBENT AREA ± 563 SQ. FT.

REMARKS 8/2/78 - OK to put gravel in trench (DW)

8/3/78 - Final OK (GLK)

DATE SYSTEM APPROVED 3 Aug. 78 INSPECTOR G. Keller

APPLICATION

A 24947

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

3 B.R. 1000 gal. septic tank | 4 B.R. 1250 gal. septic tank
DISTRICT 2nd
DATE 12/6/76

Drywell and trench system to have 90 sq. ft. effective sidewall absorption area per bedroom to begin below the first 4 1/2 ft. of non-porous soil. Maximum depth permitted for drywell or trench is 12 1/2 ft. below original grade. Place the drywell 8 1/2 ft. from the front (200.40 ft. long) property line and 5 1/2 ft. from the right side line as seen when facing the property from Manor Lane. Start the trench after a 5 foot earth buffer with the drywell and proceed to dig it on level ground the necessary distance.
NOTE: Call for inspection of trench before gravel is installed. Charge O.K. \$75.

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Thomas A. Reigle
Catherine Linn Pikey/Mary C. Klein

ADDRESS 8910 Frederick Road Ellicott City, MD 21043 PHONE any questions call: 286-8679 Paul Thompson

PROPERTY LOCATION: 12199 Killand Court
Ellicott City, Md. 21043

SUBDIVISION _____ LOT NO. 1 (new 7)

ROAD AND DESCRIPTION 4819 off Manor Lane

SIZE OF LOT 1 ± acfe TYPE BLDG. 3 or 4
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT /s/ Paul Thompson

APPROVED BY Frank Skinner FOR drywell & trench DATE 2/7/78
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

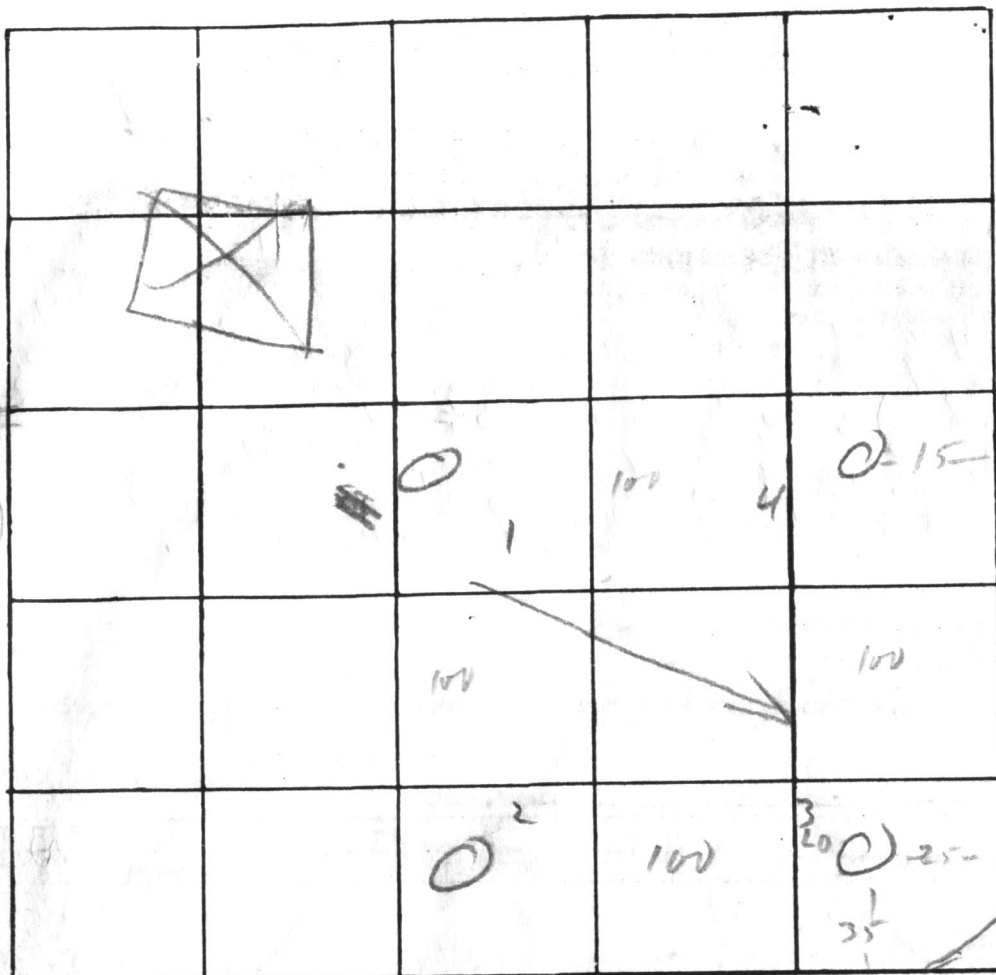
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

0
clay loam

5-7
less clay
going to
sandy
16%
deep clay
~6.2
(34% less
clay)



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

← RW →

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/15/77	1	5	11:40	no Δ			2:30
	1A	13	11:38	11:40	11:40	11:42	2
	2	5	11:33	no Δ	7	30	
	2A	13	11:33	11:35	11:35	11:42	7
	3	5	11:36	little Δ			7:30
	3A	13	11:36	11:43	11:43	11:53	10
	4		vis				
	1B	6 1/2	12:02	moving but	low		
	2B	6	11:54	12:05	12:05	12:27	22
	3B	6 1/2	12:03	12:06	12:06	12:15	9
	1C	7	12:29	12:32	12:32	12:42	10
	3C	16	vis	same as above			
	1D	16 1/2	vis	same as above			

REMARKS

(SNOW)

TYPE OF SOIL

TESTED BY

R. M.

ALSO PRESENT:

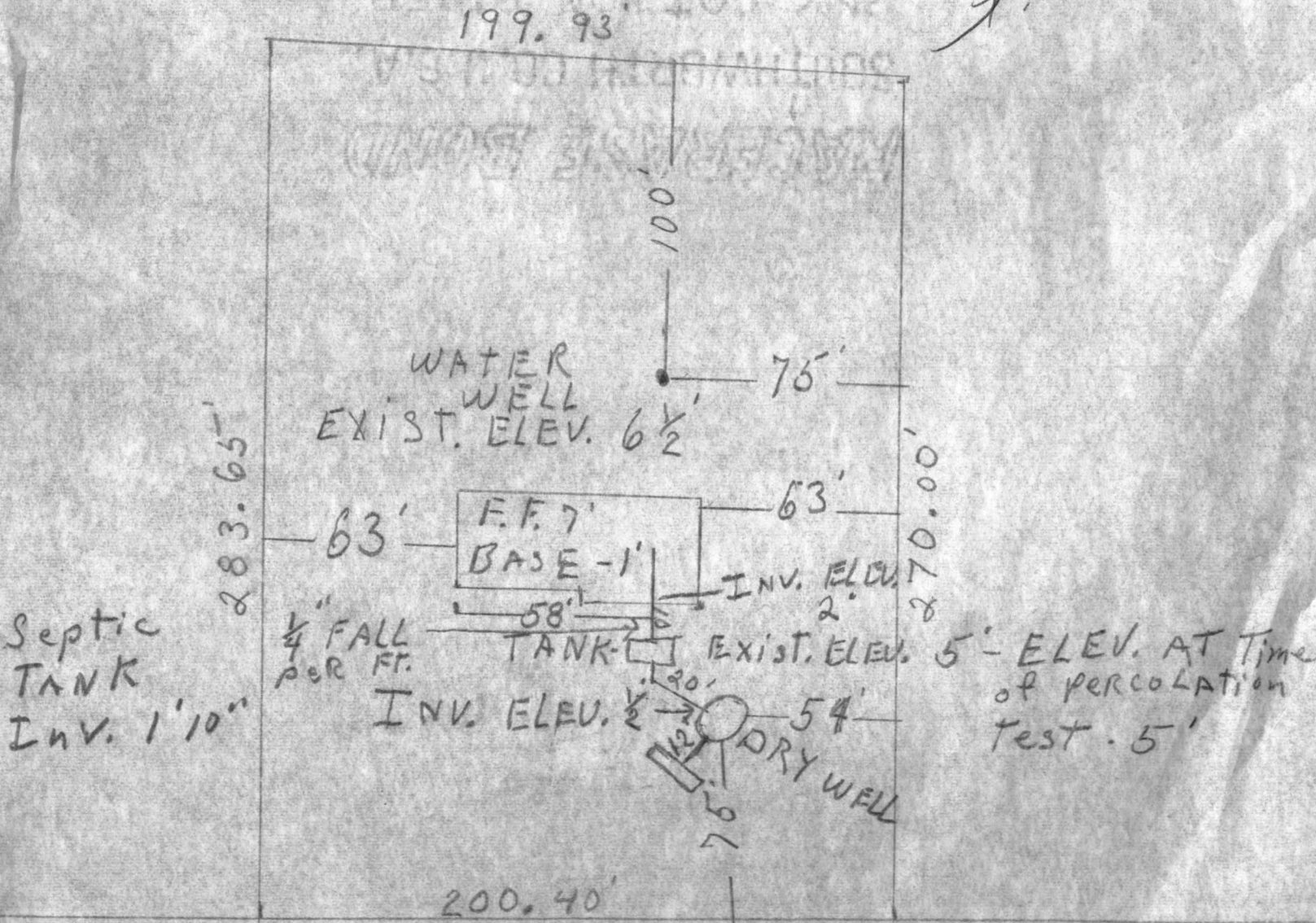
Thompson

I CERTIFY THE MEASUREMENTS BELOW AND ELEVATIONS ARE ACTUAL & CORRECT FOR THIS PROPERTY.

SIGNED:

Thomas D. Ray

2/24/78
Sketch O.K.
F. Skenner



MANOR LANE

C 8661 SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 WATER RESOURCES ADMINISTRATION
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
 WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY)

DATE WELL COMPLETED 3-2-78

DEPTH OF WELL 250 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-70-2580

DRILLERS IDENTIFICATION NO. 120

OWNER TOM REIGLE CONSTRUCTION CO. LAST NAME FIRST NAME

STREET OR RFD 12199 RILLAND CT POST OFFICE ELLICOTT CITY, MD 21043

WELL LOG

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
OVERBURDEN	0	9	
BROWN SHALE	9	25	
SAND STONE	25	60	
GRANITE	60	250 X	

WELL DESCRIPTION

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT BENTONITE CLAY

NO. OF BAGS 12 NO. OF POUNDS 1200

GALLONS OF WATER 72

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 62 FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE

PLASTIC OTHER

MAIN CASING TYPE NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 62

OTHER CASING (IF USED)

EACH CASING	DIAMETER (INCH)	DEPTH (FEET)	
		FROM	TO

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE

PLASTIC OTHER

SCREEN TYPE OR OPEN HOLE

DEPTH (NEAREST WHOLE FOOT)

EACH SCREEN	FROM	TO
1	8	11
2		
3	23	26

SLOT SIZE 1, 2, 3

DIAMETER OF SCREEN 56 (NEAREST INCH)

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX 68

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 6

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 4

METHOD USED TO MEASURE PUMPING RATE Air

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 31 (NEAREST FOOT)

WHEN PUMPING 200 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)

AIR PISTON TURBINE

CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)

JET SUBMERSIBLE

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O)

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE LAND SURFACE (NEAREST FOOT) 50 51

BELOW

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

CIRCLE APPROPRIATE BOXES

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

ELECTRIC LOG OBTAINED

TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

DRILLERS NAME

(PLEASE PRINT) S. EDGAR HARRIS SONS CORP

SIGNATURE

PITLESS ADAPTER