

7/19/78 afternoon plus 05.384095
7/16/78
7/14/78 late afternoon

Approved
7/15/78
GUK
Approved
20 July 78 GUK

P 28260
A 25301

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

Well on this property needs
new cap. 19 July 78. (GUK)

INDEXED

DATE 6/26/78

Jim Brittingham

IS PERMITTED TO INSTALL ALTER

ADDRESS Ellicott City, Md.

PHONE

SUBDIVISION Simpson Woods

7202 Meadow Wood Way
ROAD Simpson Road

LOT 4, Sec. 1

PROPERTY OWNER Jacyn Development

ADDRESS

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 170 SQ. FT. per bedroom

INLET PIPE 4 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 1/2 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 10 FT. FROM left LOT LINE AND 50 FT. FROM LOT LINE AS SEEN WHEN

XXXXXXXXXXXXXXXXXX
FACING LOT FROM in from left rear corner point. (perc hole 1&2)

If dry well and trench are used, need a 5 ft. earth buffer.

PLANS APPROVED BY Charles B. Streaker

DATE 9/27/77

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.

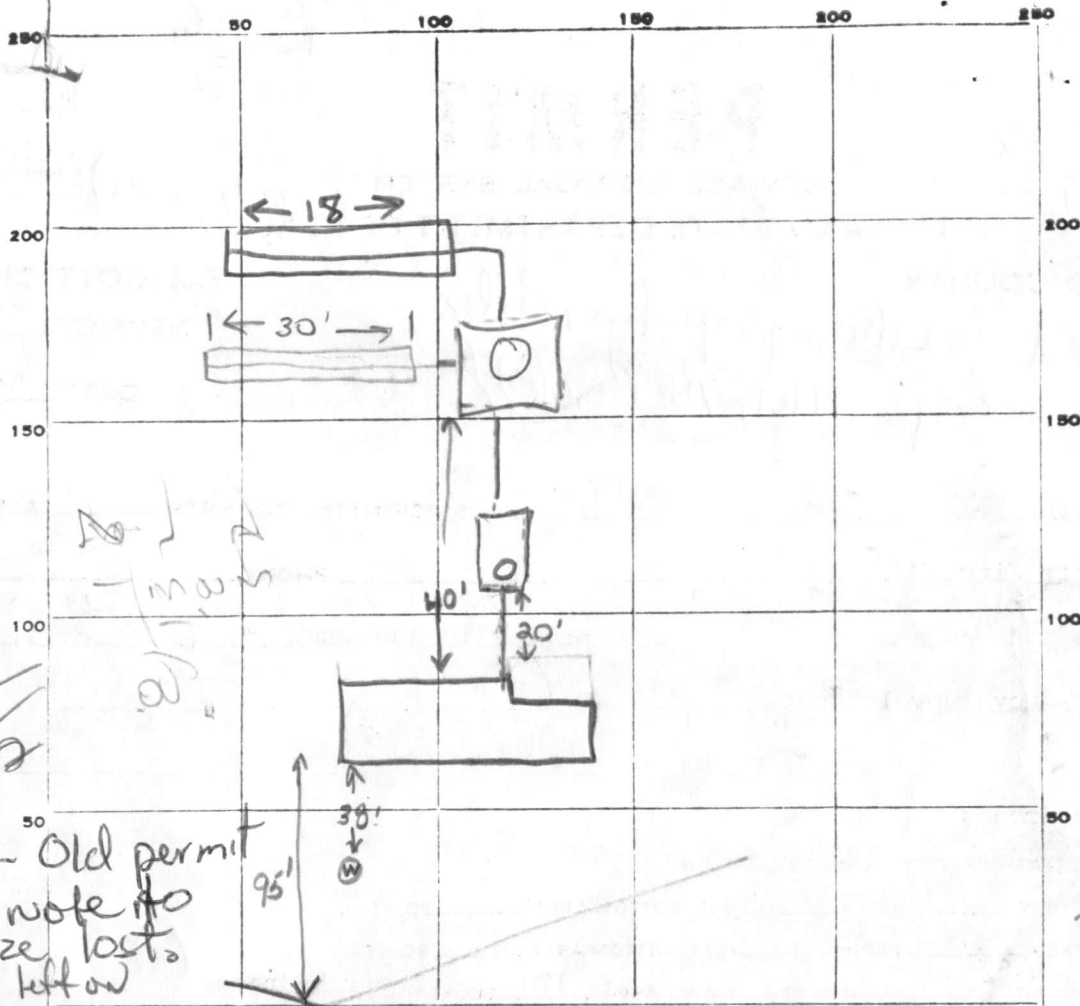
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 25301



44
x 2

170 352
x 4
680 568

287
680 393

502 61

132

48
x 8

384
287 1/2

711

170
x 4

680

19 July 78 - Old permit card with note to increase size lost.
6 July 78 - Note left on permit to increase size. (GLK) PERMIT CARD ✓

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK, LEVEL OK CLEANOUTS OK know ST DW
 DISTRIBUTION BOX, LEVEL _____
 TILE FIELD, DEPTH 12 1/2 FT. TRENCH WIDTH 2 FT.
 GRAVEL DEPTH 8 ft IN. TOTAL LENGTH 48 FT. 29
 NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 1/2 SW 2 384 384 261
 SEEPAGE PITS, INSIDE DIAMETER 4 1/2 FT. DEPTH BELOW INLET 7 FT. 287
 Total ABSORBENT AREA ± 678 SQ. FT. 677

REMARKS 6 July 78 - OK to add gravel to trench. Call for final
(GLK) 14 JULY AM OK TO COVER DITCH
PUT IN PIPES & CLEANOUTS
14 JULY 78 PM - DW INLET 4 FT BELOW GRADE
261 + 287 = 548 SQ FT INSTALLED
4 X 170 = 680 " REQUIRED ADD DITCH
WITH 132 SQ FT PH
 DATE SYSTEM APPROVED 28 July 78 INSPECTOR G. Keller

APPLICATION

A 25301

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

Septic Tank { 1-3 Bedrooms 1090 gallons
 { 4 Bedrooms 3179 gallons
DISTRICT 5
DATE 3/17/79

⊕ Dry well to have 170 yft. effective absorbant sidewall area per bedroom below inlet. Inlet to be 4 1/2' below original grade and maximum depth 12 1/2'. Location per plat: 50' from left rear corner pt & 10' in from left property line when facing lot from Simpson Road. Per hole (142)

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

⊕ If dry well & trench need - need:
① 5' earth baffles between trench & dry well
② 2 inspections of trench before and after gravel installed

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

PROPERTY OWNER % LANDBORG, INC. SUITE 128

ADDRESS 1000 CENTURY PLAZA COL. MD. 21044 PHONE 730-0500

PROPERTY LOCATION:

SUBDIVISION SIMPSON WOODS, SECTION ONE LOT NO. 5

ROAD AND DESCRIPTION SIMPSON ROAD COR. OF ROAD A Block A

SIZE OF LOT 44,600 φ TYPE BLDG. 3024
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 Leon C. Berg, Pres. Phase II, Ltd.

APPROVED BY C. B. Stueker FOR dry well; +/or dry well + trench DATE 9/27/79
(KIND OF SYSTEM)

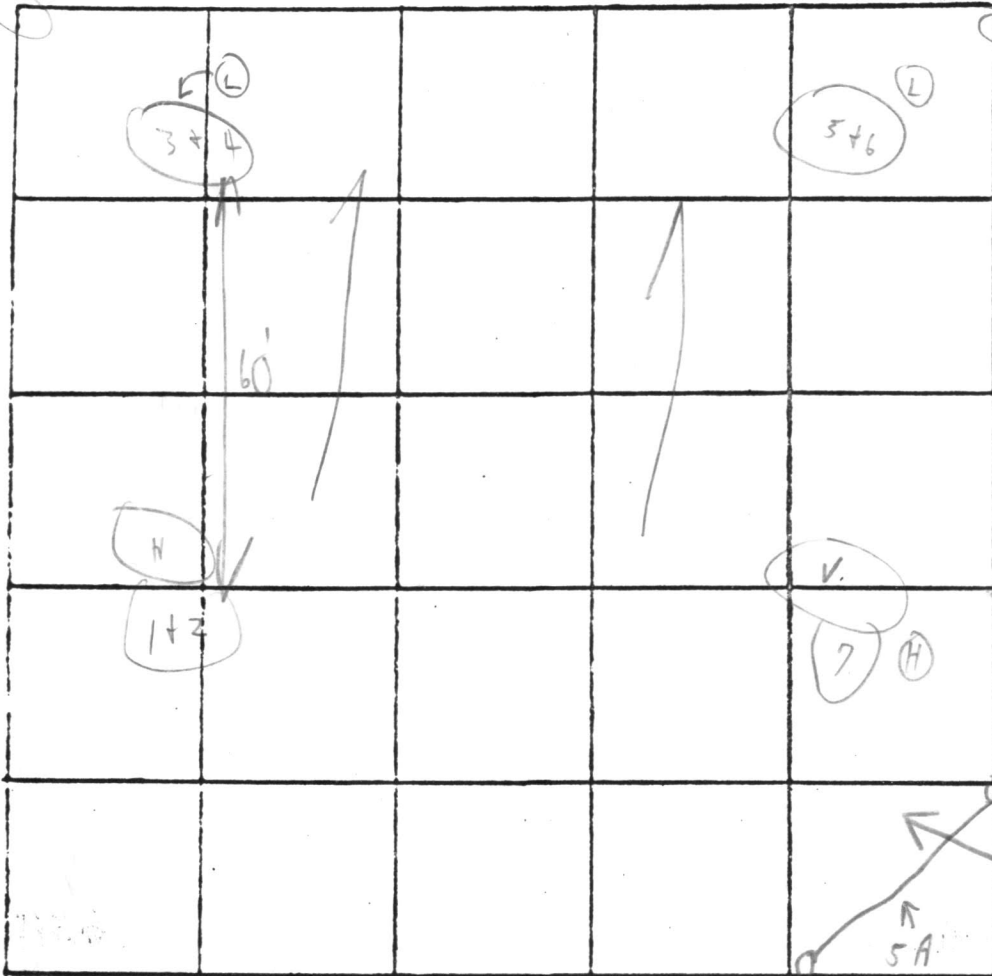
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 3/15/79
serial # 34982

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

3/9/77
Visual
3B
12 1/2'
similar
to 5A
4-4 1/2' good
soil
stack

Lincoln Rd

bullet 4'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/9/77	1	4 1/2'	2:33	2:39	2:39	3:04	25m
	2	12 1/2'	2:34	2:36	2:36	2:44	8m
	3	5 1/2'	2:28	2:32	2:32	2:53	21
	4	13'	2:29	2:31	2:31	2:38	7m
	5	5 1/2'	3:05	3:10	3:10	3:20	10m
	6	12 1/2'	3:06	3:08	3:08	3:21	13m
	7	12 1/2'	Visual similar to others		5-5 1/2'	6:18	14

Soil Profile

Sandy loam below clay

clayed out

clayed

170

*14
on
3B*

REMARKS High Break

TYPE OF SOIL Sandy loam below clay

TESTED BY C. B. D. ALSO PRESENT: Kettermans

B 1 **6457** SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 5
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER
HO-73-2373

FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)

OWNER Phase II, Limited
 COL 15 LAST NAME FIRST NAME COL. 34

STREET OR RFD Suite #128, 1000 Century Plaza
 COL 36 COL. 55

POST OFFICE Columbia, Maryland 21044
 COL 57 COL. 76

B 1 CONTINUED **DRILLER INFORMATION**

1 2 3 (SEQ. NO.) 6

DATE October 7, 1977 LICENSE NUMBER 30
 77 80

FIRST NAME Dana DRILLER LAST NAME Kyker

SIGNATURE Dana Kyker

B 3 **LOCATION OF WELL**

1 2 3 (SEQ. NO.) 6

COUNTY Howard (DO NOT ABBREVIATE COUNTY NAME) 21

SUBDIVISION "Simpson Woods" 42

SECTION 1 LOT 4
 44 46 48 50

NEAREST TOWN Clarksville 71

MILES FROM TOWN (ENTER 0 IF IN TOWN) 3 M I
 73 76 77 78

B 2 **WELL INFORMATION**

1 2 3 (SEQ. NO.) 6

MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 6
 8 12

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 600
 14 20

B 4 **DIRECTION FROM TOWN**
 (CIRCLE APPROPRIATE BOX)

1 2 3 (SEQ. NO.) 6

N NORTH E EAST NE NORTHEAST SE SOUTHEAST

S SOUTH W WEST NW NORTHWEST SW SOUTHWEST

NEAR ROAD Simpson Road
 11 NORTH SOUTH EAST WEST 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) N S E W
 32 32 32 32

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 30 M I
 34 37 38 39

USE FOR WATER (CIRCLE APPROPRIATE BOX)

D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

F FARMING, AGRICULTURE, IRRIGATION

I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT.

M MUNICIPAL WATER SUPPLY } MUST HAVE STATE HEALTH DEPT. APPROVAL

P PRIVATE WATER COMPANY }

T TEST

APPROXIMATE DEPTH OF WELL 180' FEET
 24 28

APPROXIMATE DIAMETER OF WELL 6" (NEAREST INCH)

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

BORED (OR AUGERED) JETTED DRIVEN

30-37 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)

CABLE REVERSE-ROTARY DRIVE-POINT

OTHER (DESCRIBE) _____

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

N THIS WELL WILL NOT REPLACE AN EXISTING WELL

Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY

D THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

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

APPROPRIATION PERMIT NUMBER 54 ENGINEER REVIEW DISTRICT NO. 63

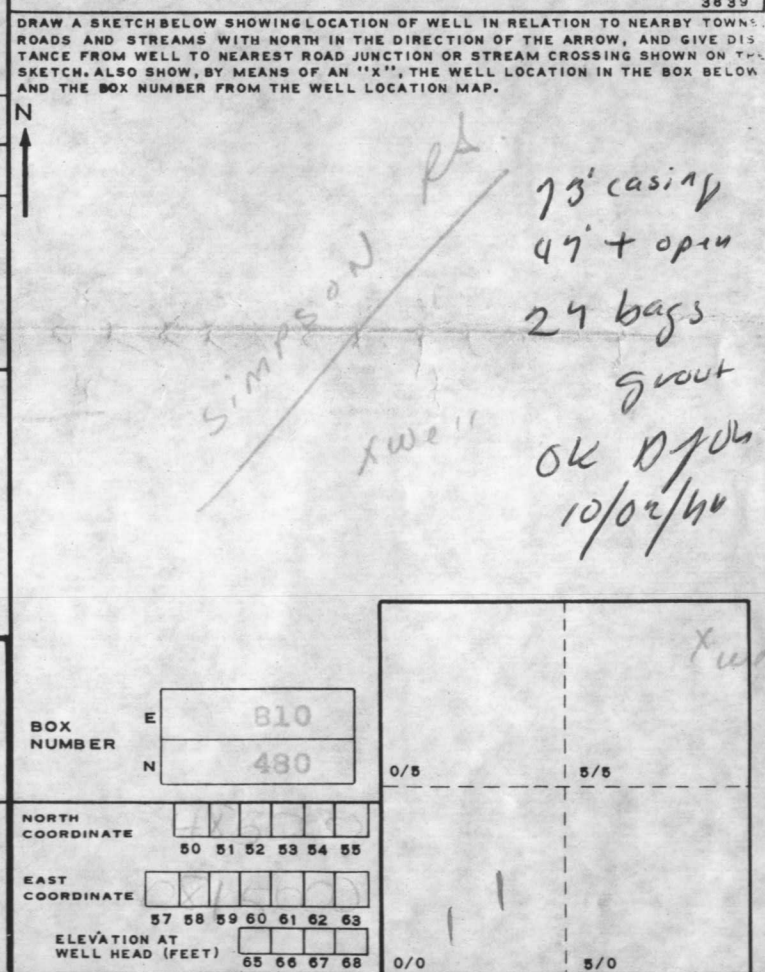
FORCE 67 WRITE INITIALS IN BOX CONDITIONS 70 71 72 73 74 75 76 77 78 79

B 4 CONTINUED **HEALTH DEPARTMENT APPROVAL**

1 2 3 (SEQ. NO.) 6

41 STATE HEALTH (CIRCLE BOX) COUNTY NAME Howard COUNTY NO. W27038

DATE 10 1 1 77 MO. DAY YR. APPROVED BY Fred Bronnelt, Sanitarian



B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6

1 **6953** (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-9 ON ALL CARDS)

SEQUENCE NO. (WRA USE ONLY)

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

THIS REPORT MUST BE SUBMITTED WI
 IN 30 DAYS AFTER WELL COMPLET

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER **W27038**

DATE RECEIVED (WRA USE ONLY) **November 3, 1977** DEPTH OF WELL **277** PERMIT NO. FROM "PERMIT TO DRILL WELL" **70-77-9470**

DATE WELL COMPLETED **10377** 22 (TO NEAREST FOOT) 26 28 29 30 31 32 33 34 35 36 37

8-13 15 20 DRILLERS IDENTIFICATION NO. **296**

OWNER **Phase II, Limited** LAST NAME FIRST NAME

STREET OR RFD **Suite #128, 1000 Century Plaza** POST OFFICE **Columbia, Maryland 21044**

WELL DESCRIPTION

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	
Dirt	0	1	
Red Mica & Clay	1	10	
Brown & Red Mica	10	51	
Red Clay	51	57	X
Brown Mica	57	64	
Blue Mica	64	82	
Brown Mica	82	84	X
Black Mica	84	136	
Opening	136	137	X
Black Mica with Blue sandstone	137	260	
Opening	260	261	
Black Mica	261	277	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) Y N

TYPE OF GROUTING MATERIAL (CIRCLE BOX)*

CEMENT C M BENTONITE CLAY B C

NO. OF BAGS **26** NO. OF POUNDS **2,444**

GALLONS OF WATER **1564**

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM **0** FT. TO **70** FT.

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) **6**

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) **4**

METHOD USED TO MEASURE PUMPING RATE **Flowmeter**

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING **17** (NEAREST FOOT) **20**

WHEN PUMPING **22** (NEAREST FOOT) **25**

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

A AIR P PISTON T TURBINE

C CENTRIFUGAL R ROTARY O OTHER (DESCRIBE BELOW)

J JET S SUBMERSIBLE

CASING RECORD

INSERT APPROPRIATE CODE BELOW

S T C O

STEEL CONCRETE

P L O T

PLASTIC OTHER

MAIN CASING TYPE S T

NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) **6**

TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) **72**

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) **29**

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) Y N

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) **31** **35**

PUMP HORSE POWER **37** **41**

PUMP COLUMN LENGTH (NEAREST FOOT) **43** **47**

OTHER CASING (IF USED)

DIAMETER (INCH) DEPTH (FEET) FROM TO

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

S T B R H O

STEEL BRASS OR BRONZE OPEN HOLE

P L O T

PLASTIC OTHER

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

+ ABOVE } LAND SURFACE

- BELOW } (NEAREST FOOT)

49 **50** **51**

SCREEN

DEPTH (NEAREST WHOLE FOOT)

FROM TO

1 H O **72** **15** **17** **21**

2 **23** **24** **26** **30** **32** **36**

3 **38** **39** **41** **45** **47** **51**

SLOTSIZE 1, 2, 3,

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 A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

E ELECTRIC LOG OBTAINED

P 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 **Ronald M. Kyker**

(PLEASE PRINT)

SIGNATURE

DIAMETER OF SCREEN **56** **60** (NEAREST INCH)

FROM TO

GRAVEL PACK

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX **68** F

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

T (E.R.O.S.) W Q

70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE