

3/29/78 job not ready

3/29/78

afternoon

PERMIT

P 26830

SEWAGE DISPOSAL SYSTEM

A 24212

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

3/31/78

05-379768

ELLICOTT CITY

3/30/78

please

DISTRICT 5th

afternoon

4/3/78

afternoon please

INDEXED

DATE 9/2/77

Kastner Plumbing

IS PERMITTED TO INSTALL ALTER

ADDRESS _____ PHONE _____

A SEWAGE DISPOSAL SYSTEM LOCATED AT _____

SUBDIVISION Chris Mar Estates ROAD Brighton Dam Road LOT 18

PROPERTY OWNER Paul Kottis

ADDRESS Highland, Md.

SPECIFICATIONS 4 bedrooms

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

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

SEPTIC TANK CAPACITY 1250 GALLONS

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER DRY WELL AND/OR TRENCH system to have 150 sq. ft. effective sidewall absorption area per bedroom to begin below the first 3 ft. of non-porous soil. Maximum depth permitted for dry well or trench is 10 ft. below original grade. Place the dry well 115 ft. from the front property line and 25 ft. from the left sideline as seen when facing the property from Brighton Dam Road. Start the trench after a 5 ft. earth buffer with the dry well and proceed to dig it on level ground, the necessary distance. If trenches only are to be used, there will be two trenches, connected in series, containing at least 200 sq. ft. effective sidewall absorption area per bedroom. NOTE: CALL FOR INSPECTION OF TRENCHES BEFORE GRAVEL IS INSTALLED.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON. PERMIT VOID AFTER 3 YEARS.

PLANS APPROVED BY Frank Ekiner DATE 8/1/77

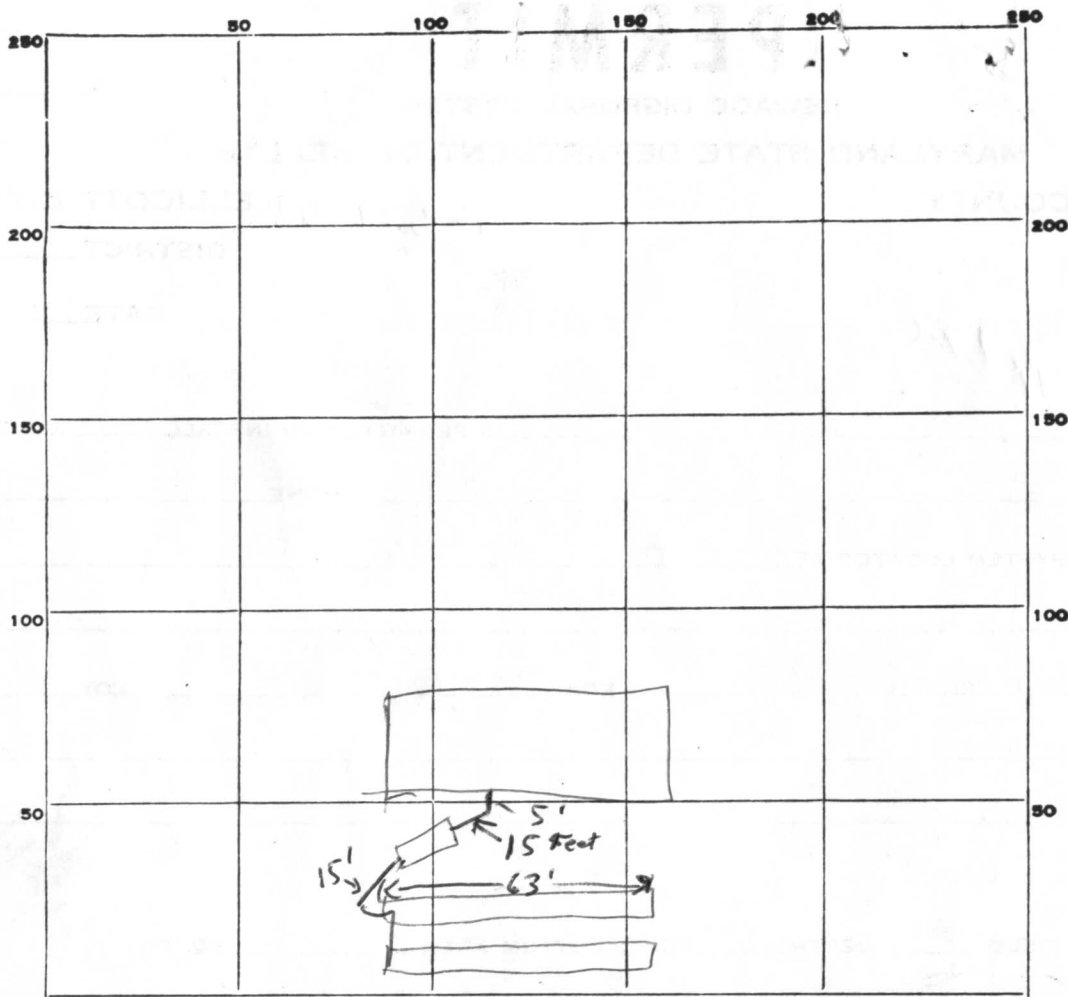
NOTE: INSTALL STAND PIPES ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WORK UNTIL INSPECTED AND APPROVED.

DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

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

3/28/78 Spoke w Mike Kastner. OK to use 2-60' long trenches, 18" wide and spaced 18-20' apart center to center. WWZ.

26830



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Brighton Dam Rd

PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS yes

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 6 1/2' TOTAL LENGTH 120 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 3/29/78 Job not ready MB. Continue working 30 March 78
Satisfactory - continue call for final when second trench is ready
ok to cover septic tank but leave outlet from septic tank
open, ok to cover first trench (closest to house). H/S 3/31/78
4/3/78 O.K. to cover all work F.S.

DATE SYSTEM APPROVED 4/3/78 INSPECTOR Frank Skinner

APPLICATION

Wed reader name of James Cecco
A 24212

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT ^{3 B.R.} | ^{4 B.R.} DISTRICT 5
ENVIRONMENTAL HEALTH SERVICES ^{1000 gal. Septic tank} | ^{1250 gal. Septic tank}
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DATE 10/6/76

Draywell and/or trench system to have 150 sq. ft. effective sidewall absorption area per bedroom, to begin below the first 3 ft. of non-porous soil. Maximum depth permitted for Draywell or trench is 10 ft below original grade. Place the Draywell 115 ft. from the front property line and 25 ft. from the left side line, as seen when facing the property from Brighton Dam Road, start the trench after a 5 foot earth buffer with the Draywell and proceed to dig it on level ground, the necessary distance. If trenches only are to be used, there will be two trenches, connected in series, containing at least 200 sq. ft. effective sidewall absorption area per bedroom. NOTE: Call for inspection of trenches before gravel is installed in trenches.

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 Paul G. Kottis

ADDRESS P. O. Box 28, Highland, Maryland 20777 PHONE _____

PROPERTY LOCATION: Chris Mar Estates

SUBDIVISION Brighton Dam Limited Partnership LOT NO. 20 new 18

ROAD AND DESCRIPTION Brighton Dam Road

SIZE OF LOT 1 acre m/l TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS
(Single Fmly. Dwllg.)

IF NOT SINGLE RESIDENCE DESCRIBE _____

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

SIGNATURE OF APPLICANT /s/ Paul G. Kottis

APPROVED BY Frank Skinner FOR Draywell +/or trench DATE 8/1/77
(KIND OF SYSTEM)

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

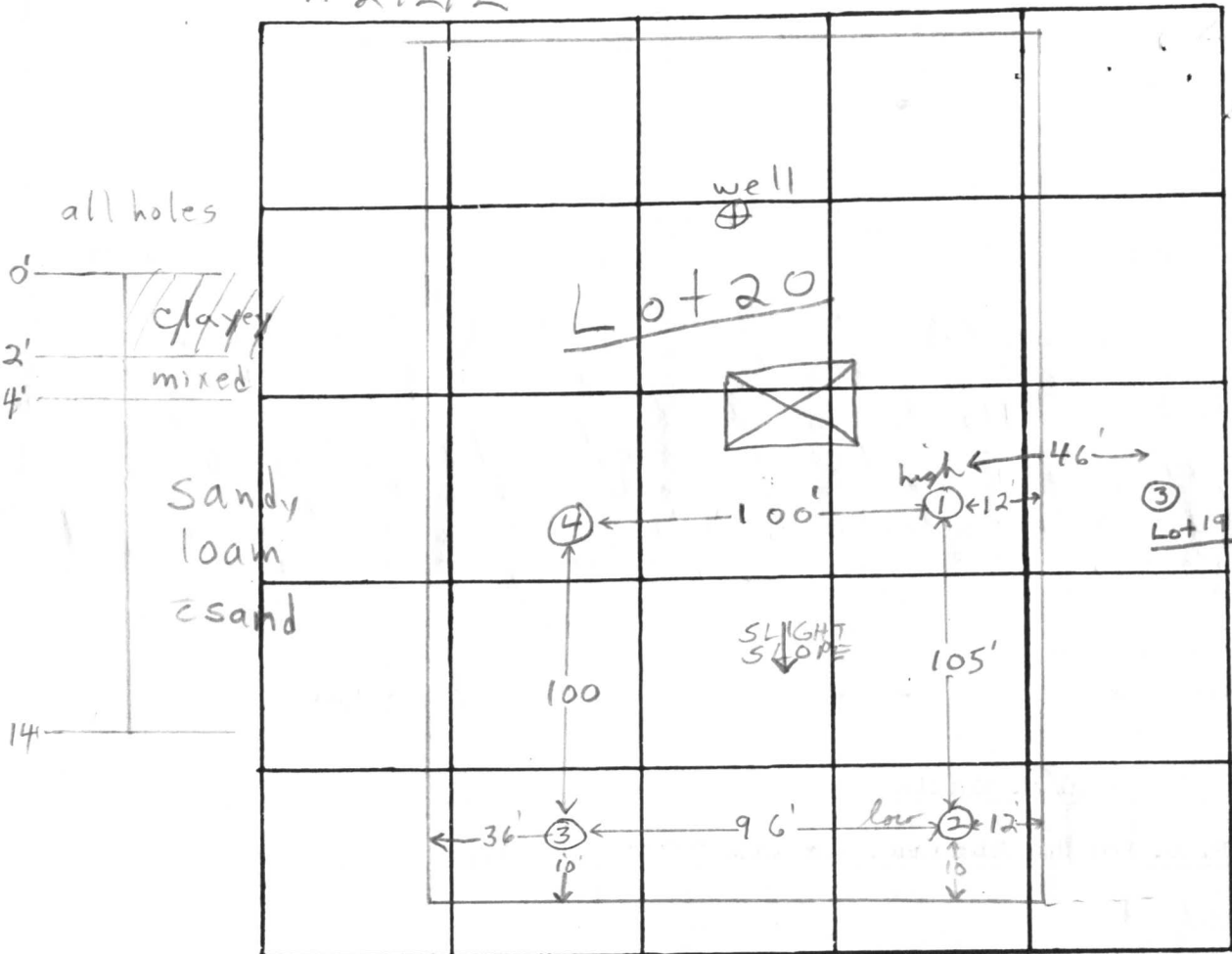
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____
BLDG. PERMIT SIGNED AND RETURNED 8/24/77

original no. 33370

THIS IS NOT A PERMIT

A 24212



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

BRIGHTON DAM ROAD

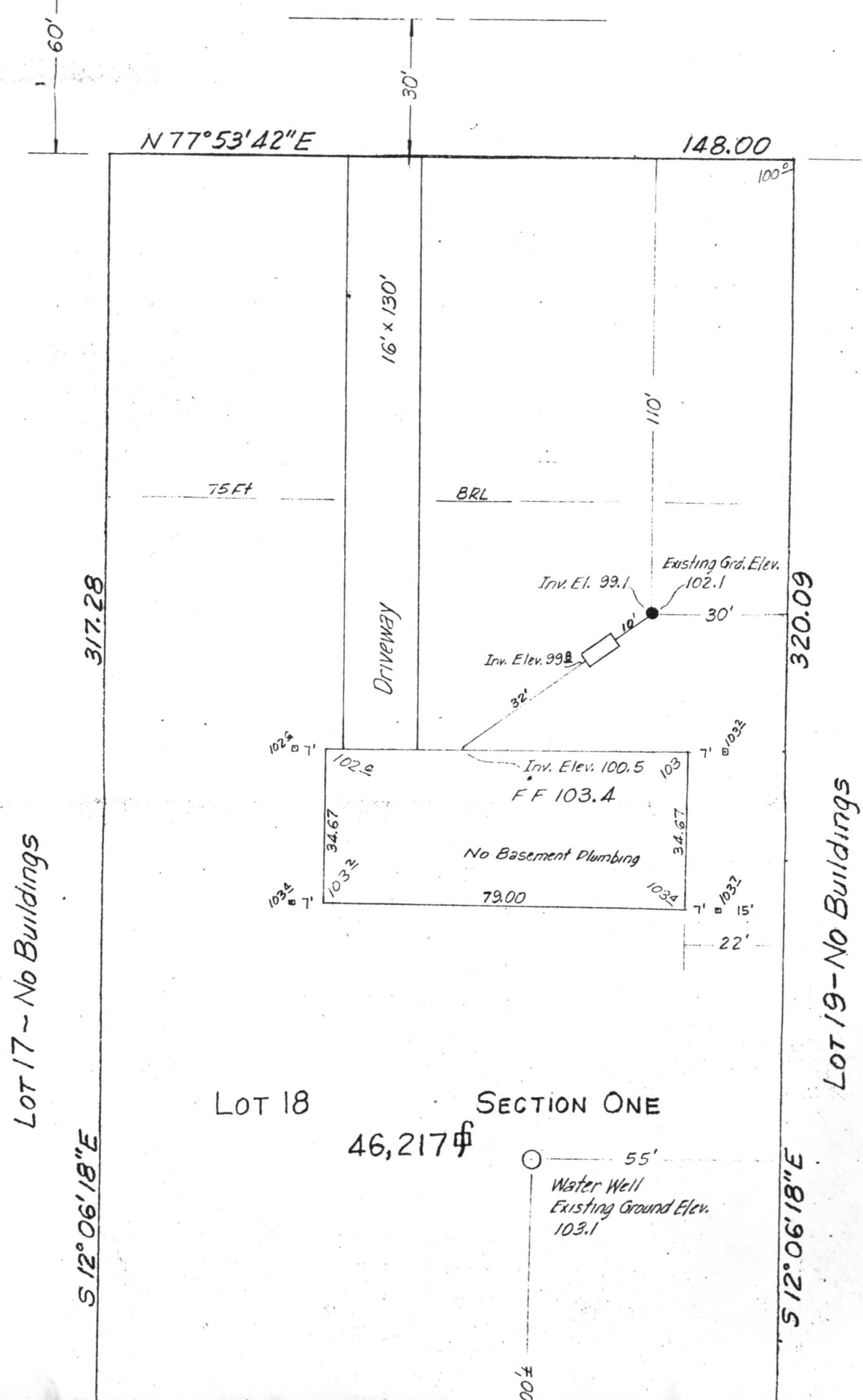
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME		
			START	STOP	START	STOP			
7/24/76	1 high	5'	10:18	10:19	10:19	10:21	2 min	porous at 3'	
	1A	14'	10:22	10:24	10:24	10:27	3 min		
	2 low	6'	10:29	10:31	10:31	10:33	2 min	porous sand at 4'	
	2A	14'	10:29	10:31	10:31	10:34	3 min		
	3	4'	10:35	10:36	10:36	10:38	2 min	porous at 2 1/2'	
	3A	14'	10:35	10:39	10:39	10:46	7 min		
	4	13'	Clayey to 3'; sandy loam below						4 min or so and 3 ft.

REMARKS perc. area fairly level; ① & ④ same elevation

TYPE OF SOIL sandy loam below top 3-4' clayey soil

TESTED BY F.S. ALSO PRESENT: P. Kothis & crew

BRIGHTON DAM ROAD



N 77° 53' 42" E

148.00

100°

60'

30'

16' x 130'

110'

75 FT

BRL

317.28

Driveway

Inv. El. 99.1

Existing Grd. Elev. 102.1

Inv. Elev. 99.8

30'

320.09

102.5 7'

102.9

Inv. Elev. 100.5

7' 103.2

FF 103.4

34.67

34.67

No Basement Plumbing

103.4 7'

103.2

79.00

103.4

7' 103.2

15'

22'

Lot 17 - No Buildings

Lot 19 - No Buildings

LOT 18

SECTION ONE

46,217 ±

55'

Water Well
Existing Ground Elev.
103.1

S 12° 06' 18" E

S 12° 06' 18" E

100 ±

C 1 **0756** SEQUENCE NO. (WRA USE ONLY)

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

DATE RECEIVED (WRA USE ONLY) _____

DATE WELL COMPLETED 8/16/77

8-13 15 20

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 _____

DEPTH OF WELL 220 (TO NEAREST FOOT) 22 26

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-2200
 28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. 42

OWNER CESCA, TERESH LAST NAME FIRST NAME

STREET OR RFD 6926 Mink Hollow Rd. POST OFFICE HIGHLAND, MD.

WELL DESCRIPTION

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	
Top Soil	0	2	
SANDY	2	20	
SANDstone	20	35	
MICA	35	170	
Flint Rock	170	175	✓
MICA	175	220	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX):
 CEMENT BENTONITE CLAY

NO. OF BAGS 8 NO. OF POUNDS 800

GALLONS OF WATER 40

DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM 0 FT. TO 29 FT.
 (ENTER 0 IF FROM SURFACE)

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE
 PLASTIC OTHER

MAIN CASING TYPE 57 NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 30

OTHER CASING (IF USED)

DIAMETER (INCH) _____ DEPTH (FEET) FROM _____ TO _____

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE
 PLASTIC OTHER

SCREEN

DEPTH (NEAREST WHOLE FOOT) FROM 27 TO 220

1 40 8 9 11 15 17 21

2 _____ 23 24 26 30 32 36

3 _____ 38 39 41 45 47 51

SLOTSIZE 1, _____ 2, _____ 3, _____

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM _____ TO _____

GRAVEL PACK _____

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX

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

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 4

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 3

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL: (DISTANCE FROM LAND SURFACE)
 BEFORE PUMPING 25 (NEAREST FOOT)
 WHEN PUMPING 220 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)
 AIR PISTON TURBINE
 CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)
 JET SUBMERSIBLE

PUMP INSTALLED

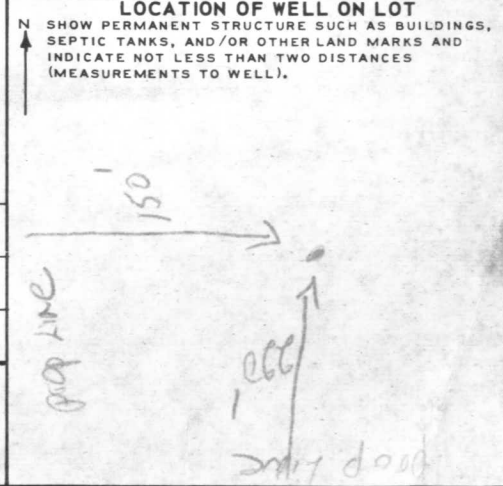
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) _____

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO

CAPACITY:
 GALLONS PER MINUTE (TO NEAREST GALLON) _____
 PUMP HORSE POWER _____
 PUMP COLUMN LENGTH (NEAREST FOOT) _____

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE } LAND SURFACE (NEAREST FOOT) 3
 BELOW }



CIRCLE APPROPRIATE BOXES

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

(PLEASE PRINT) L. F. EASTERDAY

SIGNATURE L. F. Easterday