

240
3
—
720

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL Existing CLEANOUTS Existing - one on tank

DISTRIBUTION BOX LEVEL OK - baffle in

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 80 FT.

NUMBER OF TRENCHES 1 ONE SIDEWALL/BOTTOM AREA 240 SQ. FT. + Existing =

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA 240 SQ. FT. + Existing = 720 sq. ft.

REMARKS: 5/2/94 OK to cover all work. DCS

DATE SYSTEM APPROVED 5/2/94

INSPECTOR [Signature]

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

*2-4-87
S. Abel
approved*

*3-6-87 approved
RH*

P 37858

A 37833

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992X2330X
461-9933

INDEXED

ELLICOTT CITY

DISTRICT 5th

DATE 10/14/86

South Carroll Backhoe, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, MD PHONE 875-4197

SUBDIVISION Glenelg Manor II 12527 ROAD Folly Quarter Road LOT 12B

PROPERTY OWNER Joe Bubbins Ronald & Pamela Young

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3.5 feet below original grade. 1.5 feet of stone distribution pipe.

LOCATION - Start the first trench 185 feet from the rear lot line and 40 feet from the right lot line as seen when facing the lot from Folly Quarter Road. (258.52 ft. lot line). Run trenches on contour toward the rear lot line.

NOTE - No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank.

PLANS APPROVED BY S. Abel DATE 6/17/86

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 AND AFTER PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER. NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 40 PVC OR ABS.

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, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

**BLDG. PERMIT SIGNED
AND RETURNED**

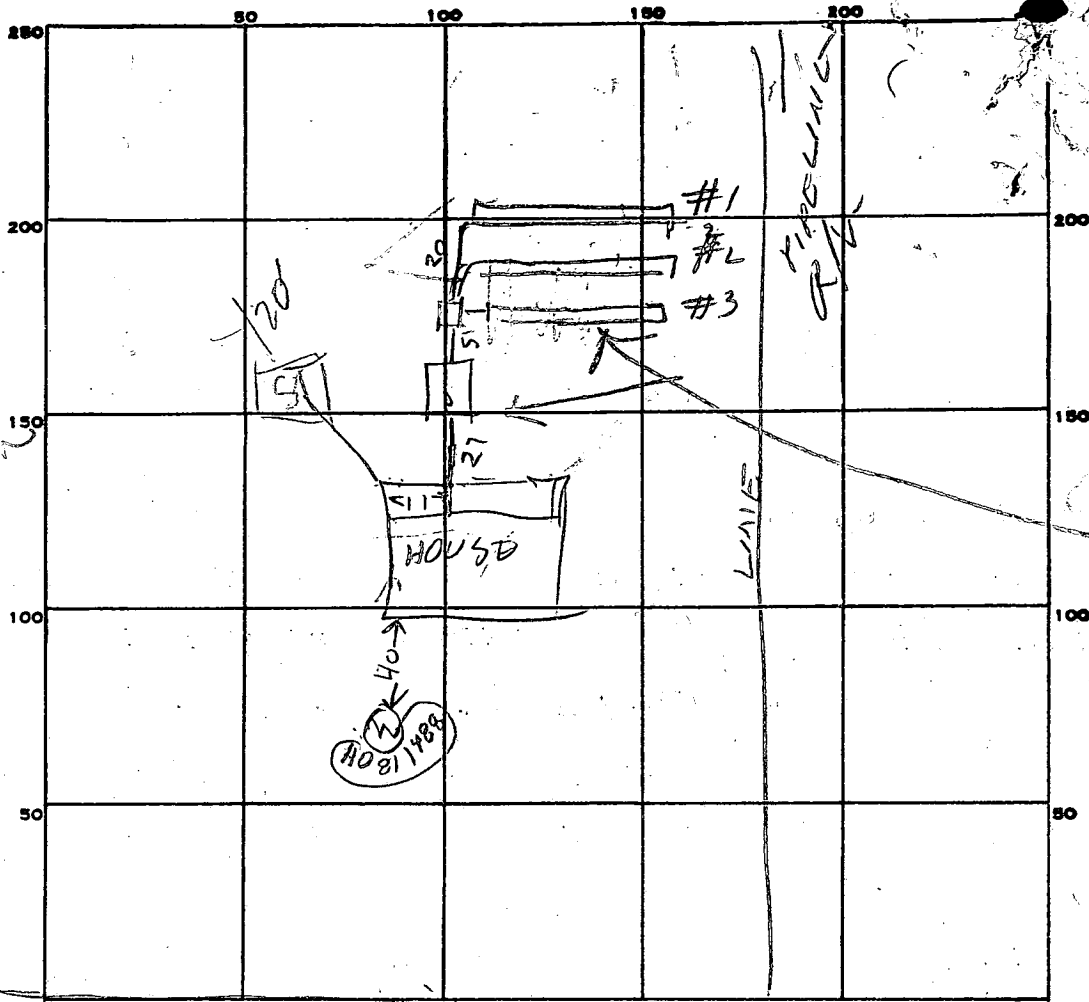
*Serial # 53310
4/5/86
JPH*

A 37833

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082



INDICATE NORTH - NAME ADJOINING ROADWAY AS-BASE LINE

PERMIT CARD _____

SEPTIC TANK, LEVEL 1500

CLEANOUTS OK

DISTRIBUTION BOX, LEVEL ✓

TILE FIELD, DEPTH	<u>7</u>	<u>7</u>	<u>7</u>	TRENCH WIDTH	<u>3</u>	<u>3</u>	<u>3</u>
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GRAVEL DEPTH	<u>1/2</u>	<u>1/2</u>	<u>1/2</u>	TOTAL LENGTH	<u>8.2</u>	<u>8.2</u>	<u>9.1</u>	<u>25 SCLF</u>
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NUMBER OF TRENCHES 3 TOTAL BOTTOM AREA 76.5

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

ABSORBENT AREA 76.5 SQ. FT.

REMARKS 2/2/87 - LOCATION LOOKS OK TRENCHES ARE 7 FT DEEP TOTAL BUT ONLY 5 FT DEEP BELOW ORIGINAL GRADE (2 FT FILL)

2/2/87 3:50 PM FOR TO COVER TRENCH #2 & HALF OF TRENCH #3 CALL WHEN #3 READY R/H

3/6/87 SEPTIC TANK & TRENCHES CHANGED TO ALLOW SPACE FOR SWIM POOL BEHIND HOUSE SEE

DATE SYSTEM APPROVED 2-4-87 INSPECTOR S. ABRAHAM SYSTEM REDONDO

453 Grade
450 int.

355
road to front of house

70952 Remun.

NO well Comp. Report

HOUSE TO ST $> \frac{1}{4}''/1'$

MOVE TRENCHES HIGHER

NO PERC RECORDS ON 12B

SPECS GENERATED OFF ADJACENT

LOTS,

S/A/86

6/12/86

S. Aul

Send note to raise trenches
to highest part of perc area
(copy of chg's)

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH**

4

_____ **IMMEDIATE ACTION REQUIRED**

_____ **NOTE AND RETURN**

_____ **NOTE AND PASS ON**

_____ **PLEASE HANDLE**

_____ **FOR YOUR FILES**

_____ **YOUR COMMENTS PLEASE**

_____ **SHEESLEY** _____ / _____ / _____

_____ **BENNETT** _____ / _____ / _____

_____ **EPPEL** _____ / _____ / _____

_____ **FROMMELT** _____ / _____ / _____

_____ **HESSE** _____ / _____ / _____

_____ **HODGES** _____ / _____ / _____

_____ **LEETE** _____ / _____ / _____

_____ **OGLE** _____ / _____ / _____

_____ **PERLMAN** _____ / _____ / _____

_____ **SINGER** _____ / _____ / _____

_____ **SKINNER** _____ / _____ / _____

_____ **STAYER** _____ / _____ / _____

_____ **STREAKER** _____ / _____ / _____

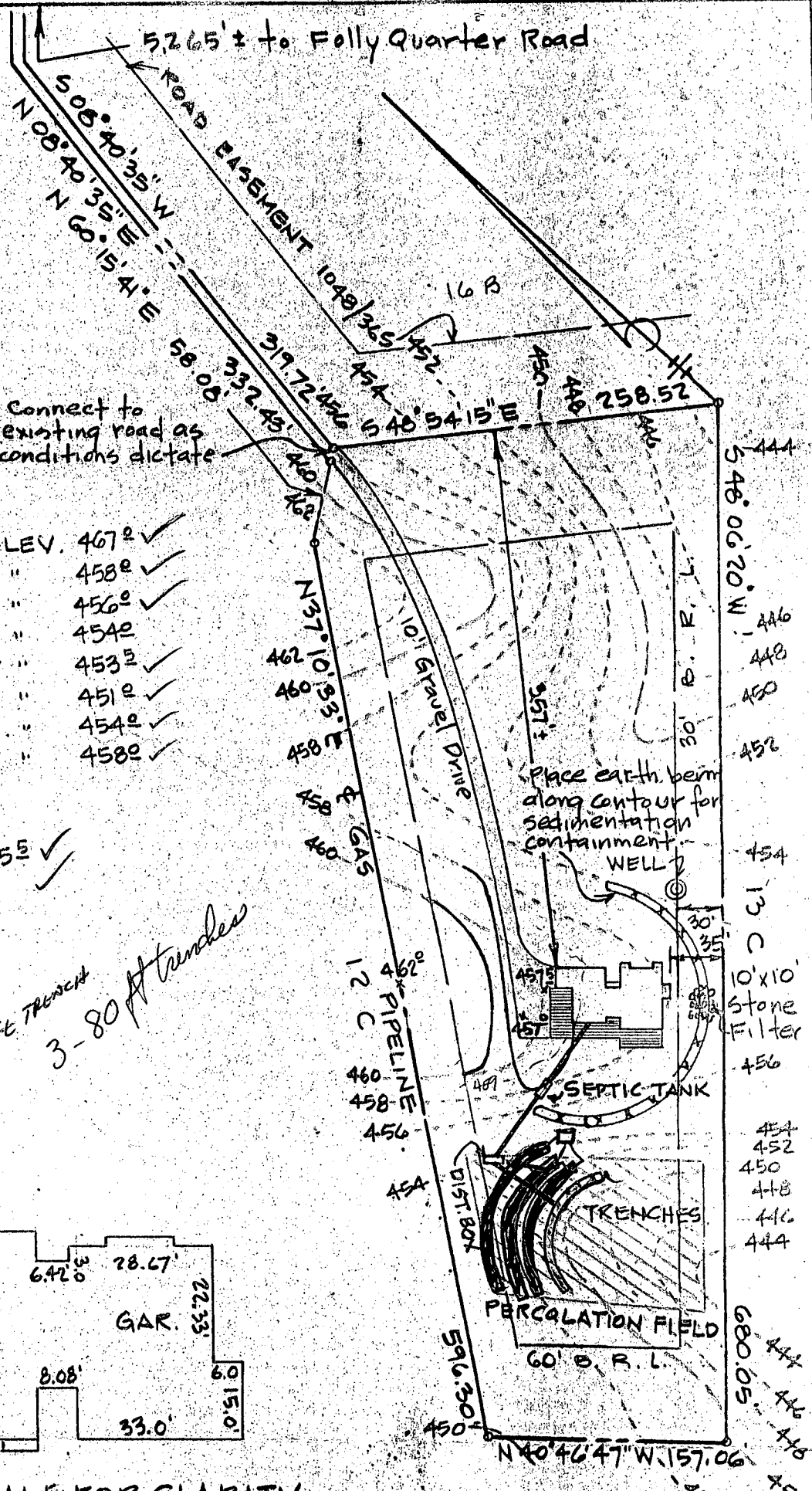
_____ **WILLIAMS** _____ / _____ / _____

_____ **WORTMAN** _____ / _____ / _____

_____ / _____ / _____

_____ / _____ / _____

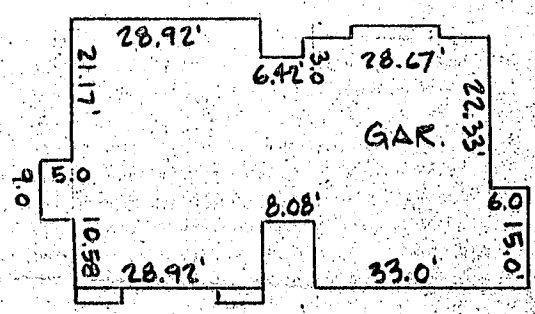
PLEASE PASS TO NEXT NO. PERSON UNLESS ABSENT.



HOUSE FIN. FL.	ELEV.	467 [±] ✓
" BSMT "	"	458 [±] ✓
" SEWER INV.	"	456 [±] ✓
SEPTIC TANK " IN "	"	454 [±] ✓
" " " OUT "	"	453 [±] ✓
DIST. BOX INV. IN "	"	451 [±] ✓
" " FIN. GR.	"	454 [±] ✓
SEPTIC TANK " " "	"	458 [±] ✓

WELL EX. GR. 455[±] ✓
 " PROP. " " ✓

*HBR = 240 FE. TRENCH
 3-80' TRENCHES*



1"=30' SCALE FOR CLARITY

ENGINEER
 John L. Schneider, P.E.
 100 N. Rolling Road
 Catonsville, Md. 21228
 301-744-1945

GRADING

STUDY

PARCEL 12B SECTION II
 " GLENELG MANOR II "

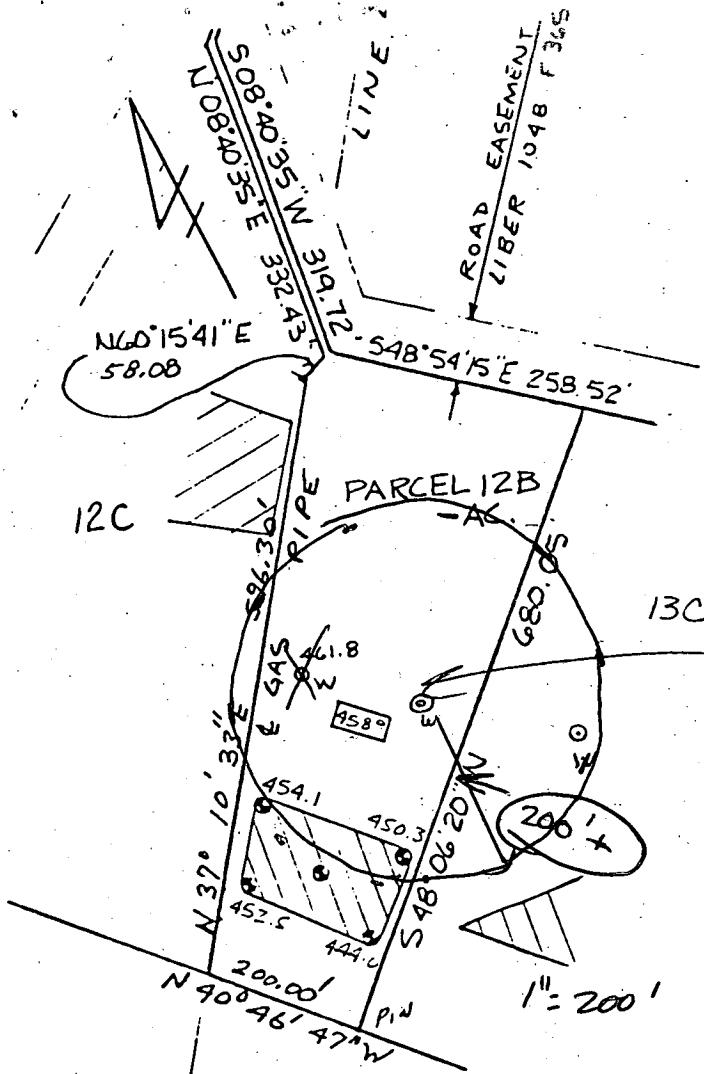
5th ELECTION DISTRICT
 HOWARD COUNTY - MARYLAND

SCALE 1"=100'

MAY 2, 1986



SUPPLEMENT TO
EXHIBIT A



NEW LOCATION
AS PER TELEPHONE
CONVERSATION ON 5/29/86

MRD



This area designates a private sewage easement of 0,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual sewage disposal. Improvements of any nature in this area are restricted until public sewage systems are available. These easements shall become null and void upon connection to a public sewage system. The County Health Officer shall have the authority to grant variances for encroachments into the private sewage easement. Recordation of a modified sewage easement shall not be necessary.

Percolation test holes shown hereon have been field located and shown as "⊙".

The lots shown hereon comply with the minimum ownership width and lot areas as required by the Maryland State Department of Health and Mental Hygiene.

Percolation areas and water wells for adjoining lots have been shown where pertinent.

APPROVED: For Private Water and Private Sewage Systems

Lawrence M. Boyd M.D. p.c. J.S.
County Health Officer

12-12-85
Date

PERCOLATION TEST PLAT

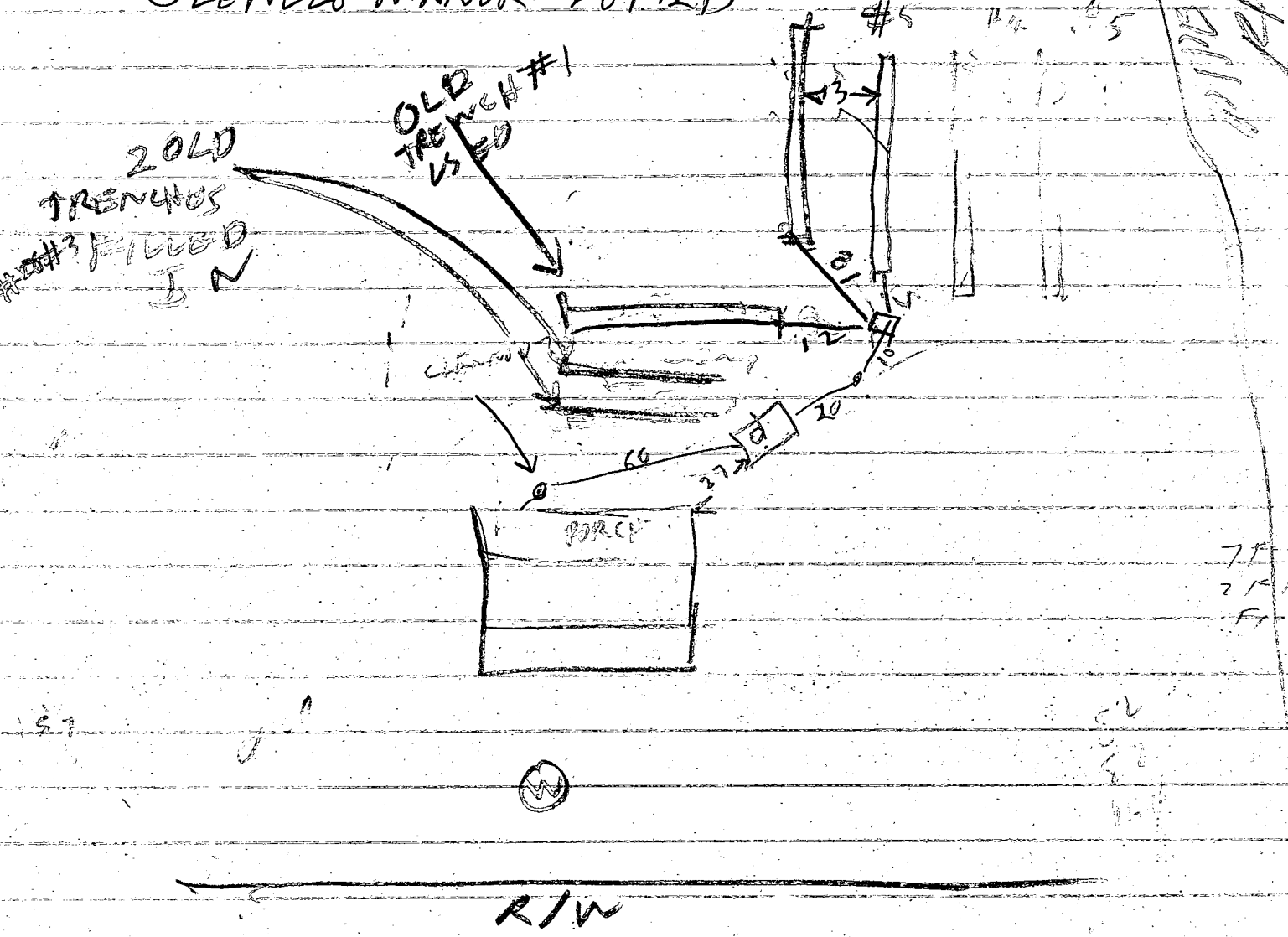
PARCEL 12B
GLENELG MANOR II
SECTION II

5th Election District
Howard County, Maryland
Scale 1"=200'
Date 6/5/85

NTT Associates
101 Sterrett Place
Columbia, MD 21044
442 7631

37858
37833

GLENELG MANOR LOT 12B



ST - 1500 gal WITH CO

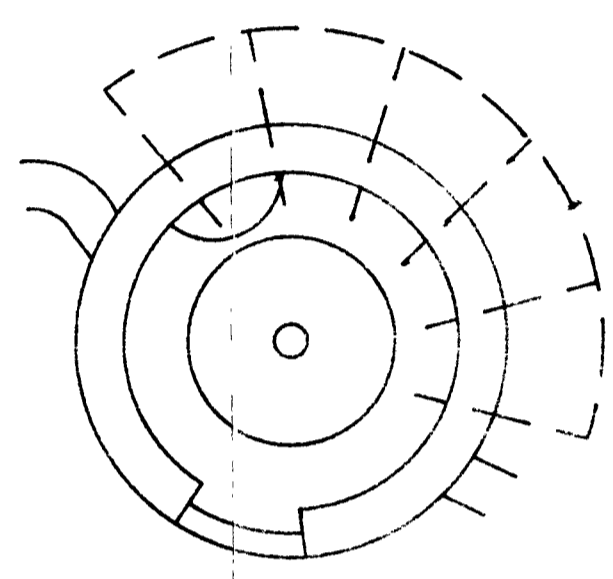
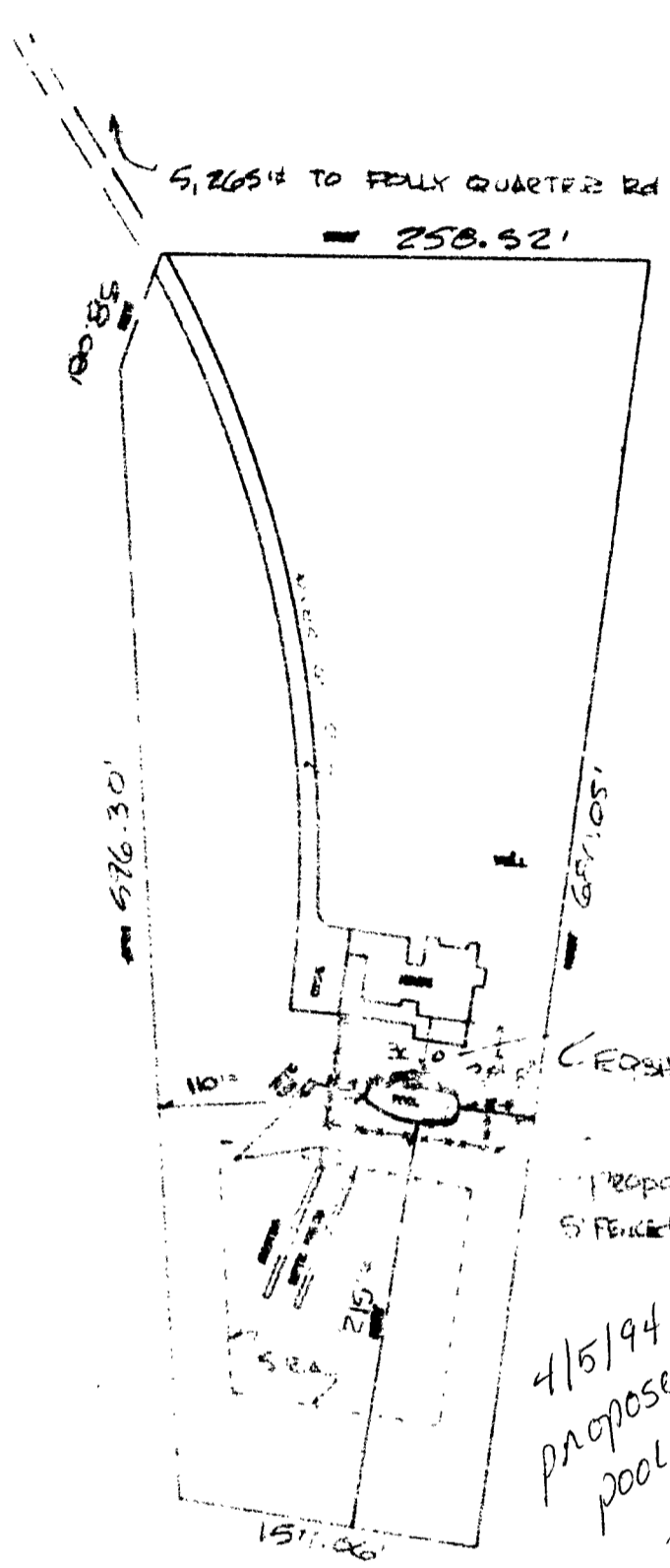
TRENCH #4 5 FT BELOW ORIGINAL GRADE

PART OF TRENCH COVERED WITH 2 FT FILL
2 FT LONG 3 FT WIDE

TRENCH #5 5 FT BELOW ORIGINAL GRADE 2 FT LONG

PART OF TRENCH COVERED WITH 2 FT STONE

3/6/87 - REDONE SEPTIC SYSTEM OK 3 VISITS
TALKED TO KENNY BH



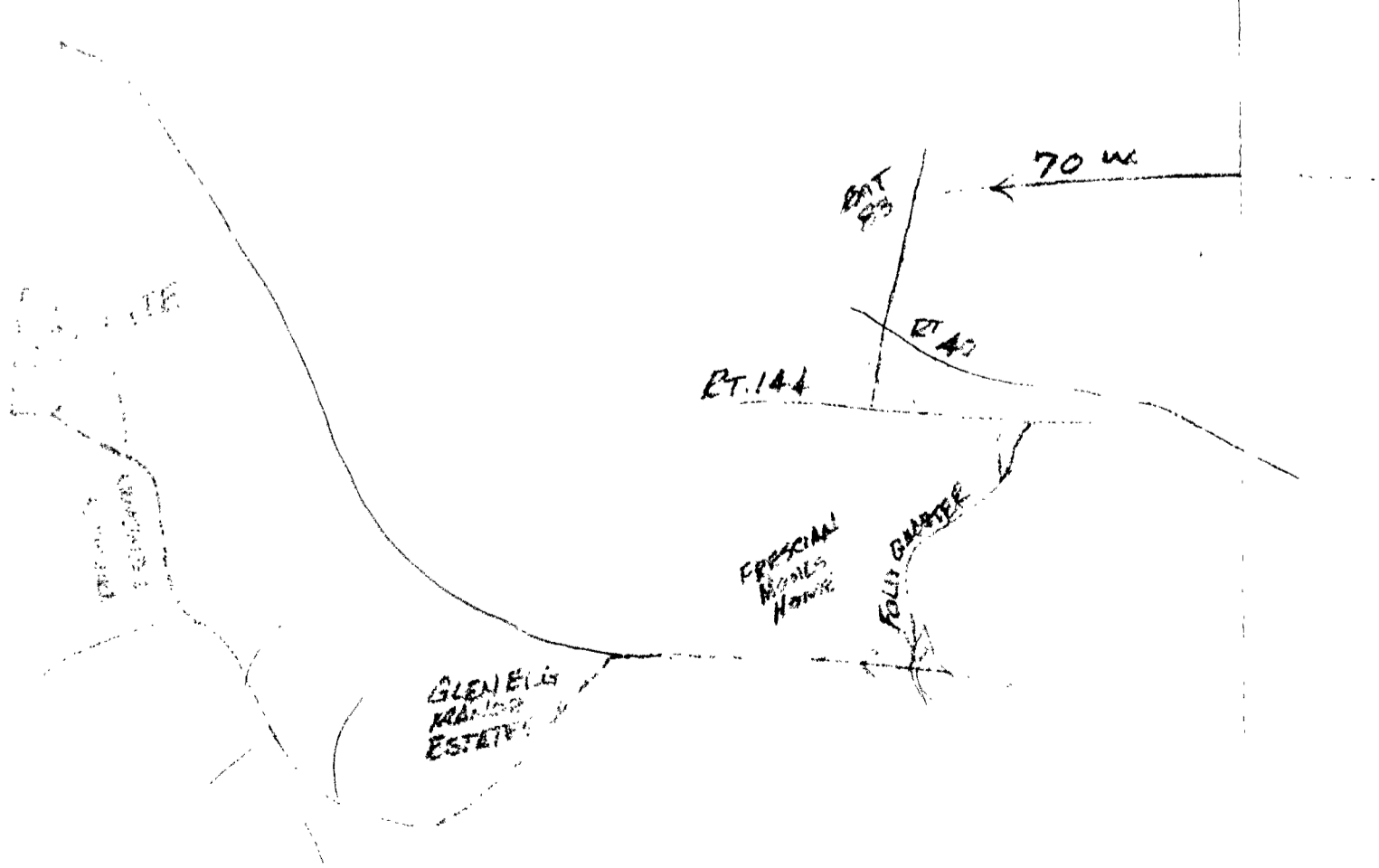
TYPICAL SPA DETAIL

1. 40 SQ FT
2. 6 AIR INJECTORS
3. SPA LIGHT REPLACED BY ANTHO-GLO
4. 2040 REMOTE
5. WINTER DISCONNECT
6. 4 FUNCTION REMOTE
7. 12" DAM WALL

EQUIPMENT TO DAY OF EXCAV

4/15/94
 proposed
 pool has
 no impact
 to existing well
 and septic.
 A McMillen

SCALE: 1"=100'



B 1 1729

SEQUENCE NO. (QEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

QEP PERMIT NUMBER

40-21-1788

fill in this form completely

please print or type

Date Received

8-1-86

OWNER INFORMATION

RENEE Z. REAN COAST

5429 S. JENNARD RD

GREENBELT MD 21043-2001

DRILLER INFORMATION

RALPH MAYOR 77 License No. 80

Ralph Mayor (well owner)

9120 Laurel Church Rd. Millersville

Ralph Mayor 5/10/86

B 3

LOCATION OF WELL

11-21-08 COUNTY

WISDOM POINT SUBDIVISION

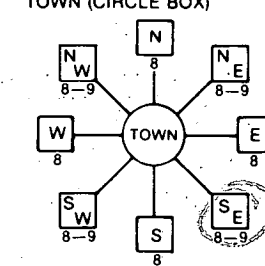
SECTION 44-46 LOT 48-50

GREENBELT MD NEAREST TOWN

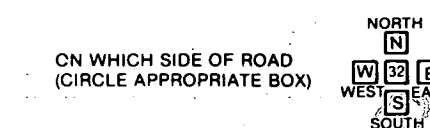
1 MILE FROM TOWN

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Fuller Quarter NEAR WHAT ROAD



3000 DISTANCE FROM ROAD

ENTER FT or MI 1.2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 10

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Harford COUNTY NAME

DATE ISSUED 6-2-86

CO SIGNATURE J. Al... EXP. DATE

NORTH GRID 513000 EAST GRID 0811000

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered)
JETTED
Jetted & DRIVEN
AIR-ROTary
AIR-PERcussion
ROTARY (Hydraulic Rotary)
CABLE
REVerse-ROTary
DRive-POINT
other

REPLACEMENT OR DEEPEMED 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 DEEPEMED AN EXISTING WELL

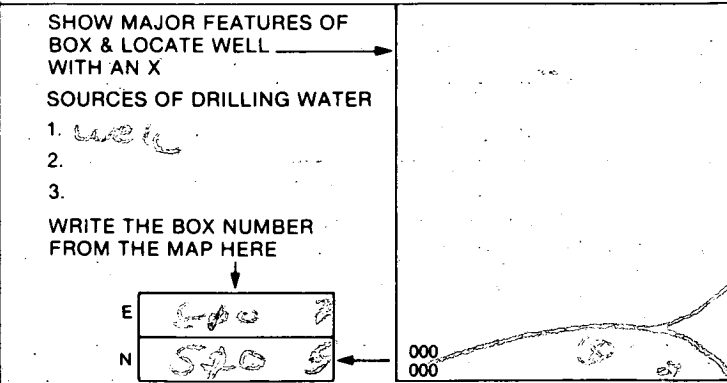
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (QEP USE ONLY)

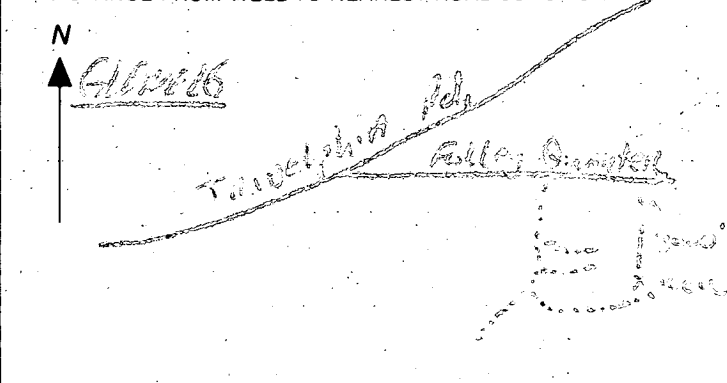
APPROP. PERMIT NUMBER GAP

FORCE INITIALS PERMIT No. 40-21-1488

SPECIAL CONDITIONS



DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



C1 00552 SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE PRINT OR TYPE

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.
 COUNTY NUMBER A 37833

DATE Received [] [] [] [] [] [] DATE WELL COMPLETED 060286
 Depth of Well 220 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-81-1488

OWNER RENN & RENN CONST.
 STREET OR RFD Folly QUARTER Rd. TOWN Glenelg
 SUBDIVISION Glenelg MANOR SECTION _____ LOT 12B

WELL LOG
 Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Sandy	2	35	
Sand Stone	35	40	
Mick A	40	60	
Sand Stone	60	65	
Mick A	65	220	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
 TYPE OF GROUTING MATERIAL
 CEMENT BENTONITE CLAY
 NO. OF BAGS 96 NO. OF POUNDS 1000
 GALLONS OF WATER 60
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 220 ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER
 MAIN CASING TYPE PL
 Nominal diameter (nearest inch) 60
 Total depth of main casing (nearest foot) 220

OTHER CASING (if used)
 diameter inch _____ depth (feet) from _____ to _____

SCREEN RECORD
 screen type or open hole insert appropriate code below
 ST STEEL BR BRASS HO OPEN HOLE
 PL PLASTIC OT OTHER

DEPTH (nearest ft.)
 EACH SCREEN HO 92 220

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
 ELECTRIC LOG OBTAINED
 TEST WELL CONVERTED TO PRODUCTION WELL

SLOT SIZE 1 _____ 2 _____ 3 _____
 DIAMETER OF SCREEN _____ (NEAREST INCH)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

GRAVEL PACK _____
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

DRILLERS IDENT. NO. 273
Ralph Wayne
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
Ralph E. Wayne
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) WQ
 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal. per min. to nearest gal.) 10
 METHOD USED TO MEASURE PUMPING RATE Bucket
 WATER LEVEL (distance from land surface) BEFORE PUMPING 40 WHEN PUMPING 40
 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible

PUMP INSTALLED
 DRILLER WILL INSTALL PUMP YES NO
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) _____
 PUMP HORSE POWER _____
 PUMP COLUMN LENGTH (nearest ft.) _____
 CASING HEIGHT (circle appropriate box and enter casing height) + above - below
 LAND SURFACE (nearest foot)

