

Tax ID 04-351932  
**PERMIT**

Logged (12/13-2 P.C.O.)

**SEWAGE DISPOSAL SYSTEM**

P 498-47  
A 42482

**DEPARTMENT OF HEALTH AND MENTAL HYGIENE**

DISTRICT \_\_\_\_\_

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

DATE 1/21/94

461-9933 (410) 313-2640 **INDEXED**

DATE SYSTEM APPROVED 12/14/93

INSPECTOR C Bd

C. C. Cissel IS PERMITTED TO INSTALL  ALTER

ADDRESS 14079 Brighton Dam Road, Clarksville, Maryland PHONE 854-2006

SUBDIVISION Country Spring LOT 30 ROAD 15024 Kenwood Ct.

PROPERTY OWNER Arthur S. Crafton 301-854-2159

ADDRESS 13817 Mills Ave., Silver Spring, MD 20904

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 144

TRENCHES - Trench to be 2 ft. wide. Inlet 3.5 ft. below original grade. Bottom maximum depth 8.5 ft. below original grade. Effective area begins at 3.5 ft. below original grade. 5 ft. of stone below distribution pipe.

LOCATION - Place the distribution box 220 ft. from the front lot line and 120 ft. from the right side of the lot as seen when facing the lot Kenwood Ct. Run the trenches toward the rear. along contours.

NOTES - No trench to exceed 100 ft. in length. Provide 6"-8" diameter cleanout and cap to grade or above on septic tank. OK MR 12/9/93

PLANS APPROVED BY Ronald Pinkley DATE 8/27/93

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: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES) **BLDG. PERMIT SIGNED AND RETURNED 7-18-96**

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH Serial # B00101155

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS **BLDG. PERMIT SIGNED AND RETURNED 9/16/94**

PERMIT VOID AFTER TWO YEARS Serial # 50370-dick.

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 PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED. 411103 B00141114 GARAGE

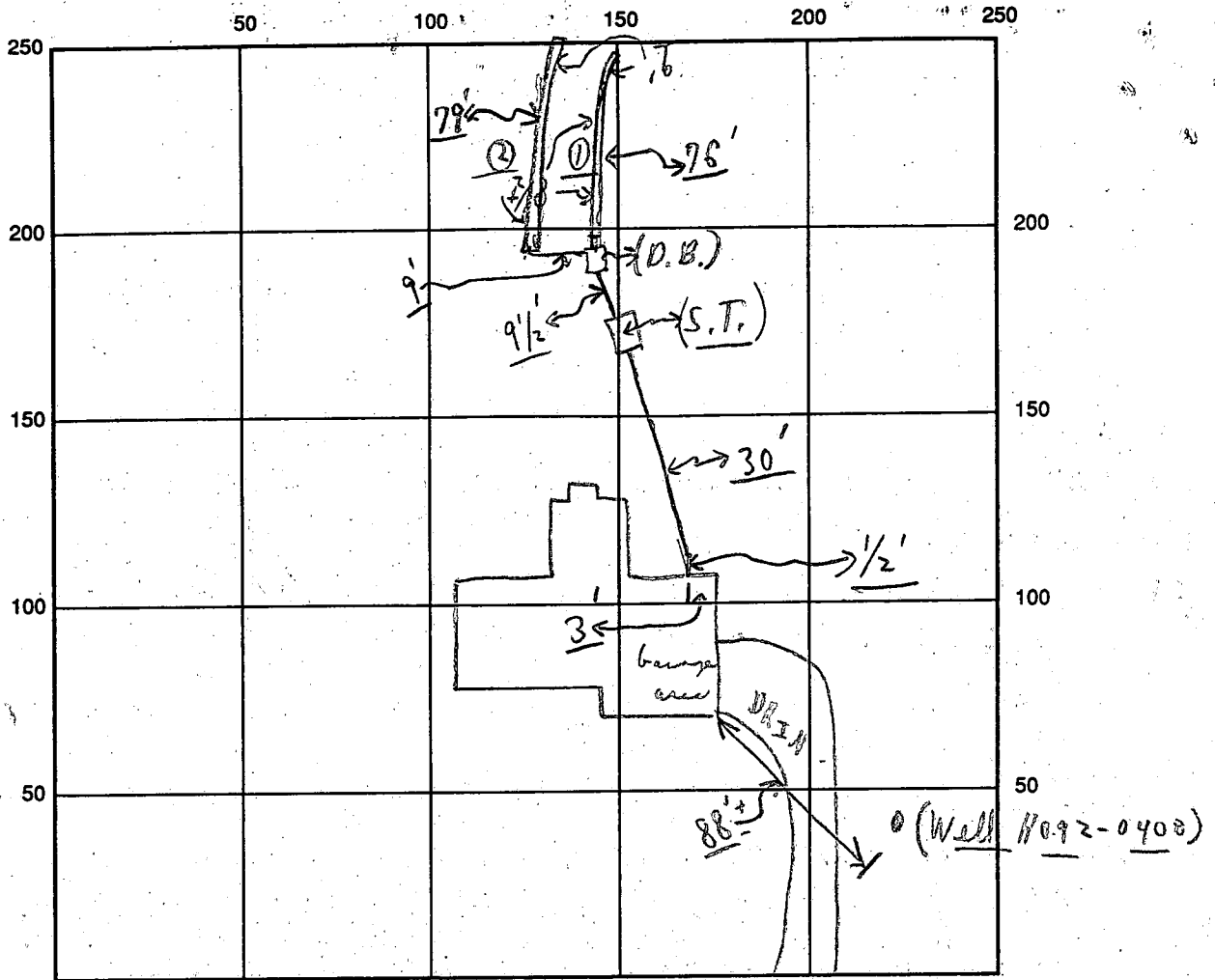
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

**\*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**  
CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A 498-47

AP.M  
4:00  
12/13/93  
1:00 12/14/93

12/22/93  
NPT am



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK Ken Wood Court S.T. CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK (Baffle is in)

DRAIN FIELD/TITLE DEPTH 8.5 FT. <sup>average</sup> TRENCH WIDTH 2 FT. INLET DEPTH 3.5 FT. <sup>present</sup>

EFFECTIVE GRAVEL DEPTH 5 FT. <sup>to</sup> TOTAL LENGTH 155 FT. <sup>076:0??</sup>

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 775 SQ. FT. <sup>+</sup>

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

ABSORBENT AREA 775 SQ. FT. <sup>+</sup>

REMARKS: 12/13/93 Early P.M. - Tank set and #1 trench open only;  
ok for stones in #1 trench; later P.M. ok for stones in  
2 trenches only; still no pipes from house etc to trenches.  
12/13 Pated; 12/14 Final ok to cover  
Chd

[12/13/93 No W.P.I. req.]

DATE SYSTEM APPROVED 12/14/93 INSPECTOR Charles Bryan

# APPLICATION

PERCOLATION TESTING

A 42482

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 461-9933

DISTRICT 4

DATE July 5, 1988

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 Frali Developers, Inc. Arthur S. Crafton

ADDRESS P. O. Box 659 Mount Airy, MD 21771 PHONE 384-2159 (301)-795-1866

ENGINEER OR CONTACT PERSON  
PROSPECTIVE BUYER VANMAR ASSOCIATES INC. / Mike VanSant

ADDRESS 310 South Main Street Mount Airy, MD 21771 PHONE (301) 829-2890

PROPERTY LOCATION: COUNTRY SPRINGS  
SUBDIVISION RIPPEON PROPERTY LOT NO. 30 29

ROAD AND DESCRIPTION Bushy Park Road 15024 Kenwood Court

TAX MAP 14 PARCEL # 12

SIZE OF LOT 4.7ac ± TYPE BLDG. SFD  
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

Shanne Jennings Agent  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 11-16-88 Perc Satisfactory. Hold for Perc. SW  
8/27/93 Final Plat OK

BLDG. PERMIT SIGNED  
AND RETURNED 9/1/93  
Serial # 50245  
SFD - 4 Bedroom

# THIS IS NOT A PERMIT

HD-216

A 42482

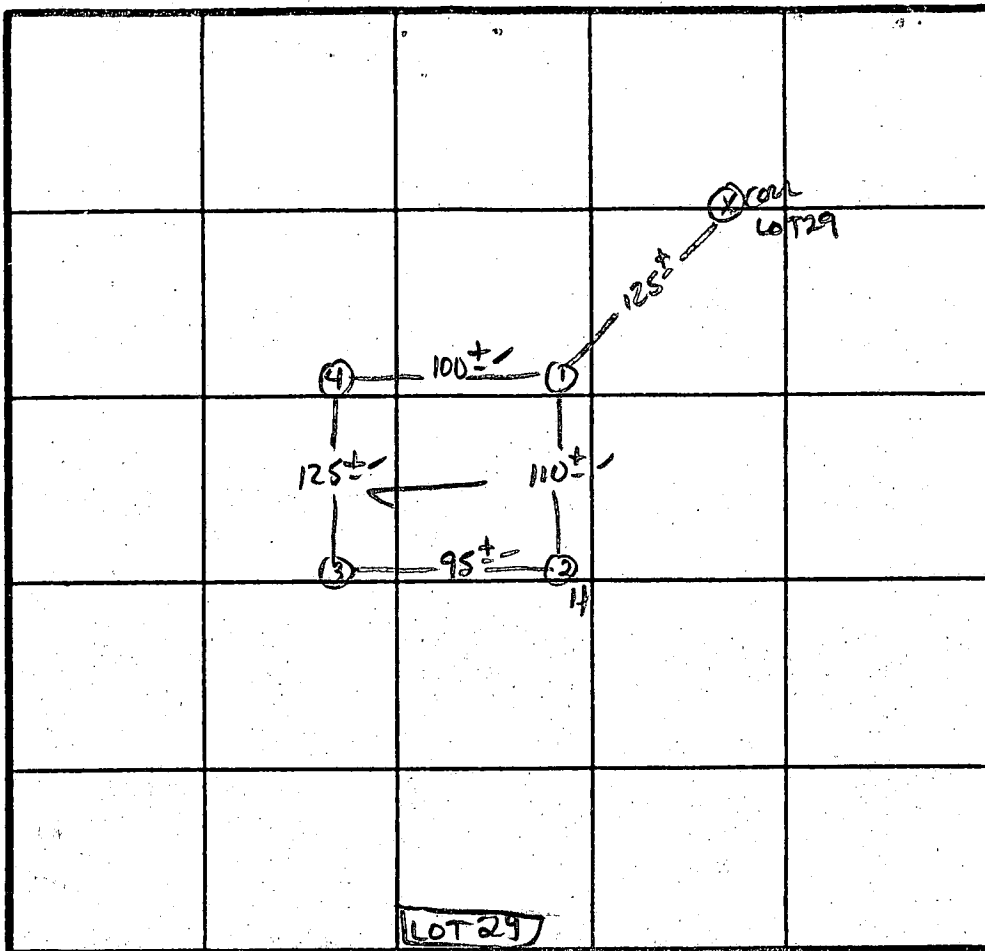
SOIL PROFILE

0  
5"  
3.5'  
13'

AP

Yellow Red  
Silty clay  
loam  
10-15%  
Frnp

Red Brown  
silty loam  
15-25%  
Frnp



X Perc 4 min  
180 φ 1BP  
Inlet 3.5'  
Bottom 8.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

BENNY PARK RD.

DATE	TEST NO.	DEPTH	PRE WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
11/6/88	1S	4"	12:48	12:49	12:49	12:51	2min	
	1V	13"	AS PROFILED					
	2S	3.5"	12:52	12:55	12:55	1:01	6 min	
	2M	8.0"	12:51	12:52	12:52	12:54	2min	
	2V	13"	Similar to Profile - Yellow Br. loam & Matrix					
	3S	4.0"	12:55	12:57	12:57	1:01	4min	
	3V	13"	SAME AS PROFILE					
	4S	4.5"	12:56	1:59	1:59	1:04	5min	
	4V	12.5"	SAME AS PROFILE					

REMARKS: Holes DIFF THAN PLAT

TYPE OF SOIL: Chester

TESTED BY: S. Abel

ALSO PRESENT: Phil, Ancheta  
Ruby, C. Kissel



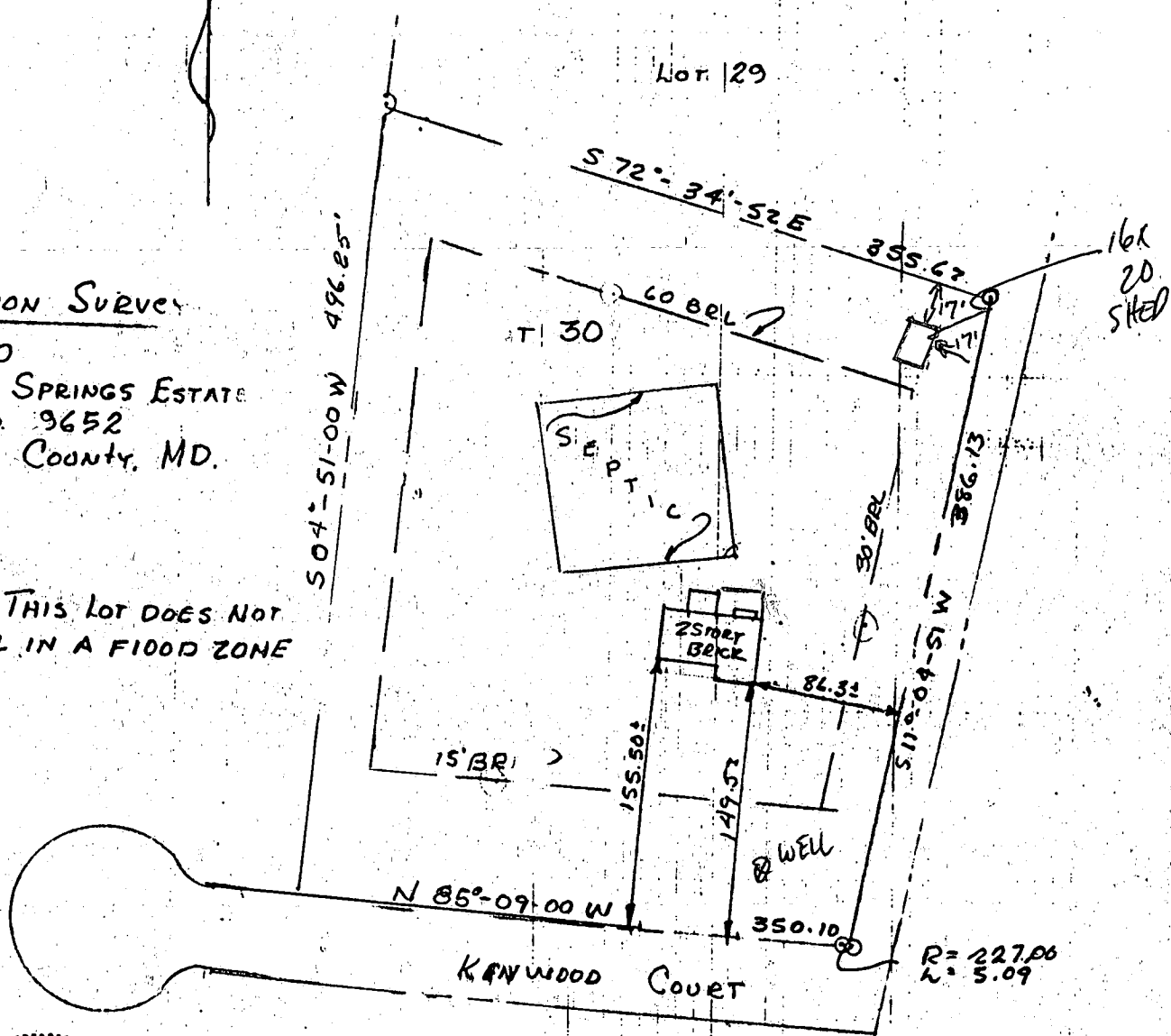
NOTE: THIS DRAWING IS NOT INTENDED TO BE USED TO ESTABLISH PROPER

N

LOCATION SURVEY

Lot # 30  
COUNTY SPRINGS ESTATE  
PLAT No. 9652  
HOWARD COUNTY, MD.

NOTE: THIS LOT DOES NOT FALL IN A FLOOD ZONE



Scale 1" = 100  
DATE 11-16-93

7/18/96

Shown shed location will have no impact to existing well and septic OK to proceed.

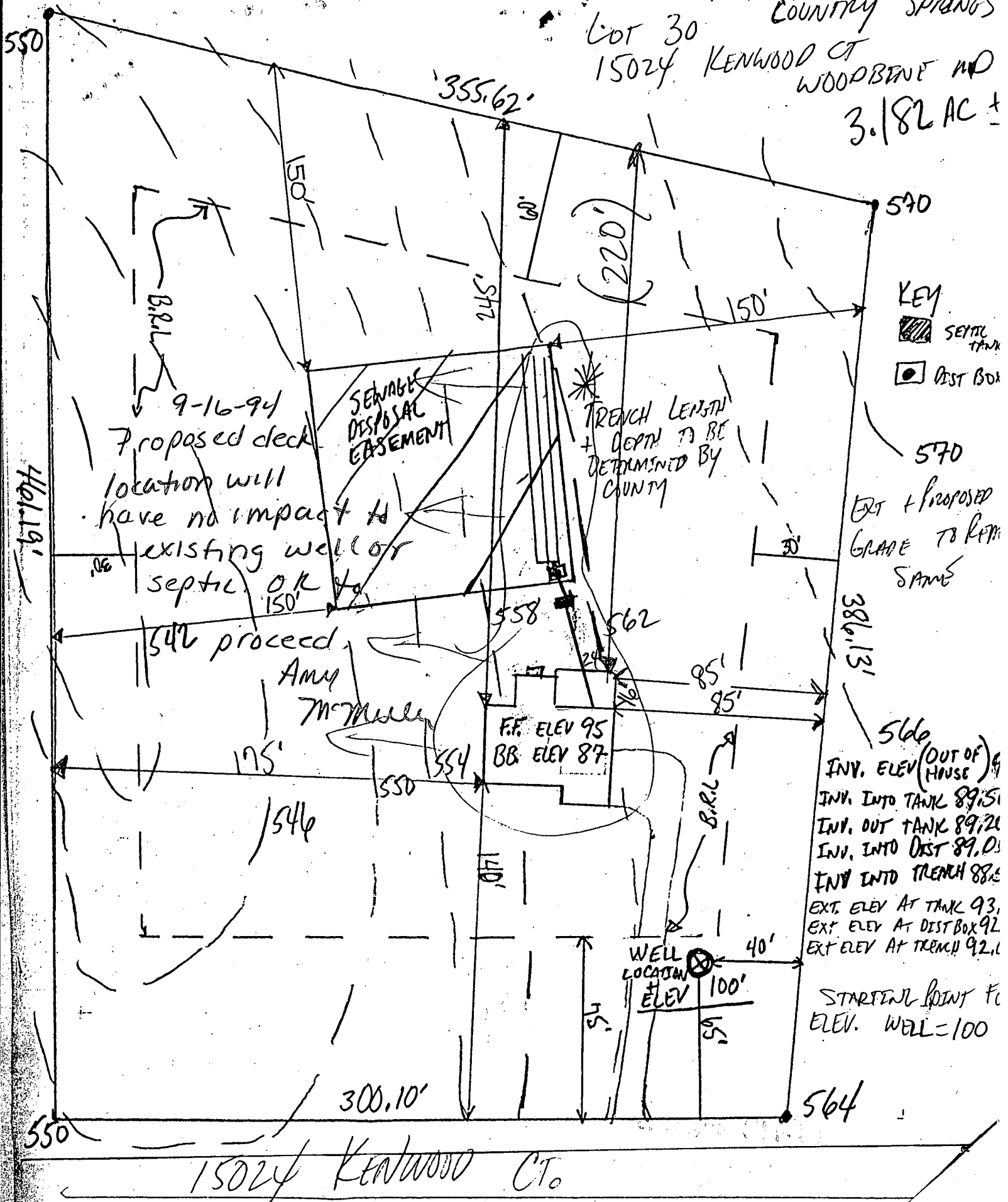
AW

I Hereby certify this drawing to be correct as shown

*Walter T. Tydings*  
Walter T. Tydings #15

**Raphel & Assoc. Inc**  
205 Courtland Ave.  
Towson, Md. 21204  
410-825-3908

ARTHUR CRAFTON  
 COUNTRY SPRINGS  
 Lot 30  
 15024 KENWOOD CT  
 WOODBINE MD  
 3.182 AC ±



KEY  
 [Hatched Box] SEPTIC TANK  
 [Square with Dot] DIST BOX

566  
 INV. ELEV (OUT OF HOUSE) 9  
 INV. INTO TANK 89.51  
 INV. OUT TANK 89.21  
 INV. INTO DIST 89.03  
 INV INTO TRENCH 88.6  
 EXT. ELEV AT TANK 93  
 EXT. ELEV AT DIST BOX 92  
 EXT. ELEV AT TRENCH 92.1  
 STARTING POINT FC  
 ELEV. WELL = 100

440.19'

550

15024 KENWOOD CT

NOTE: THIS DRAWING IS NOT INTENDED TO BE USED TO ESTABLISH PROPE

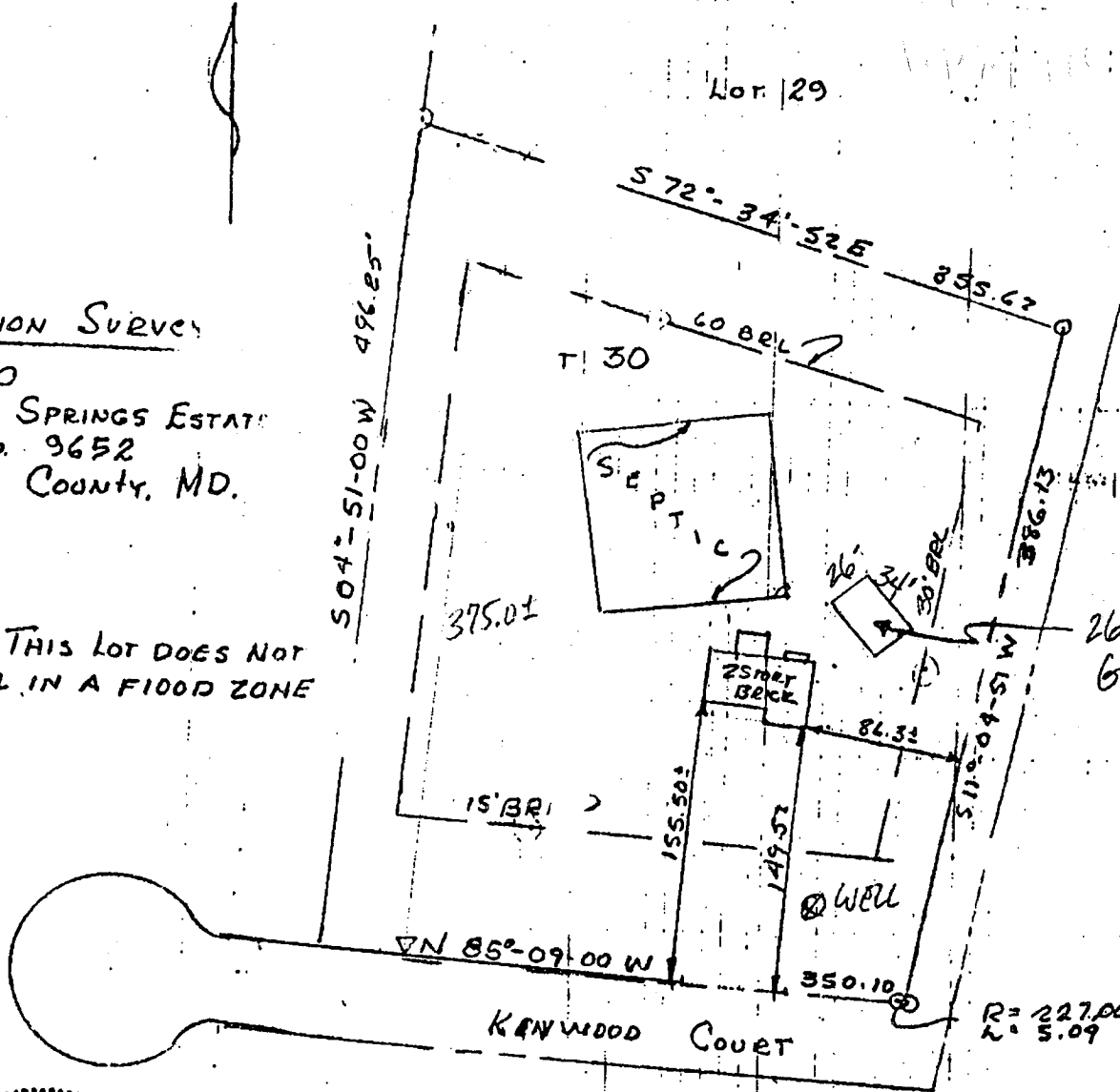
N

Lot 29

LOCATION SURVEY

Lot # 30  
COUNTY SPRINGS ESTATE  
PLAT No. 9652  
HOWARD COUNTY, MD.

NOTE: THIS LOT DOES NOT FALL IN A FLOOD ZONE



Scale: 1" = 100  
DATE: 11-16-93

4/11/03

BP 00141114

OK

KN

I Herby certify this drawing to be correct as shown

*Walter T. Tydings*  
Walter T. Tydings #15

**Raphel & Assoc. In**  
205 Courtland Ave.  
Towson, Md. 21204  
410-825-3908

**B 1** **05274** SEQUENCE NO. (DP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

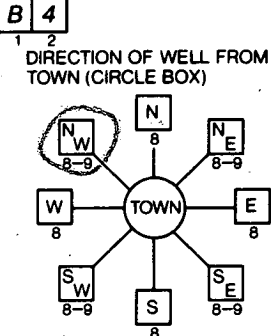
STATE PERMIT NUMBER  
**HO-92-0408**  
 fill in this form completely

Date Received (APA) **071293**  
**OWNER INFORMATION**  
**CARMAN ASSOCIATE**  
 15 Last Name 13 Owner 34 First Name  
**PO BOX 122**  
 36 Street or RFD 65  
**ELLICOTT CITY MD 21043**  
 57 Town 70 State 72 Zip 76

**DRILLER INFORMATION**  
**Joseph L. Mayne** 24  
 Driller's Name 77 License No. 80  
**Joseph L. Mayne Well Drilling**  
 Firm Name  
**5512 Ridge Rd. Mt. Airy MD 21771**  
 Address  
**Joseph P. Mayne 7/12/93**  
 Signature Date

**B 3** LOCATION OF WELL  
**HOWARD**  
 8 COUNTY 21  
**COUNTRY SPRINGS**  
 23 SUBDIVISION 42  
 SECTION 44 46 LOT **30** 48 50  
**GLENWOOD**  
 52 NEAREST TOWN 71  
 MILES FROM TOWN (enter 0 if in town) **2** MI  
 73 76 77 78

**B 2** WELL INFORMATION  
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**  
 8 12  
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**  
 14 20



**Kenwood Ct.**  
 11 NEAR WHAT ROAD 30  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 NORTH  
 WEST EAST  
 SOUTH  
**70**  
 34 DISTANCE FROM ROAD 37  
 ENTER FT OR MI **FT**  
 38 39

**USE FOR WATER** (CIRCLE APPROPRIATE BOX)  
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)  
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)  
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)  
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)  
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**HOWARD** COUNTY NAME  
**A#42482** COUNTY NO.  
 STATE SIGNATURE \_\_\_\_\_ INSERT S  
 DATE ISSUED **072293** Charles Reagan **7/22/94**  
 43 48 CO SIGNATURE EXP. DATE  
 NORTH GRID **590000** EAST GRID **0790000**  
 50 55 57 63

APPROXIMATE DEPTH OF WELL **240** FEET  
 24 28

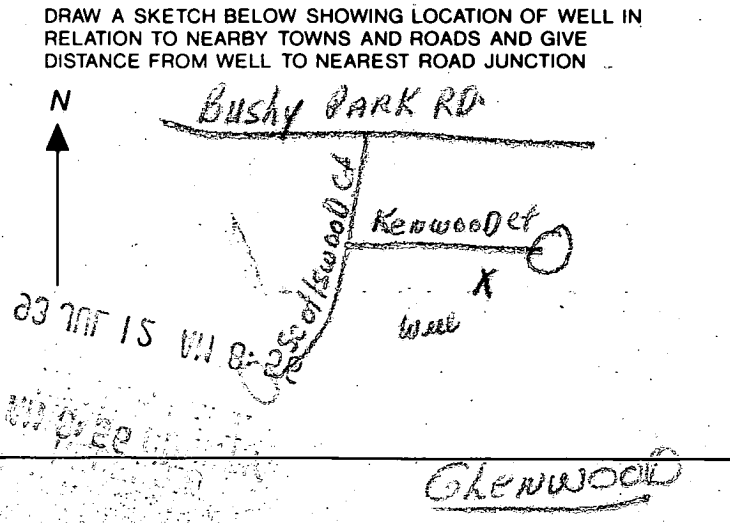
APPROXIMATE DIAMETER OF WELL **6** INCH  
 NEAREST INCH

**METHOD OF DRILLING** (circle one)  
 BORED (or Augered) JETTED Jetted & DRIVEN  
 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)  
 37 CABLE REVerse-ROTary DRIVE-POINT  
 other \_\_\_\_\_

**REPLACEMENT OR DEEPEMED WELLS** (CIRCLE APPROPRIATE BOX)  
 THIS WELL WILL NOT REPLACE AN EXISTING WELL.  
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED  
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
 THIS WELL WILL DEEPEM AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_

Not to be filled in by driller (OEP USE ONLY)  
 APPROP. PERMIT NUMBER \_\_\_\_\_ GAP \_\_\_\_\_  
 54 63  
 FORCE  WRITE INITIALS IN BOX PERMIT No. **HO-92-0408**  
 67 68 70 71 72 73 74 75 76 77 78 79

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X  
 SOURCES OF DRILLING WATER  
 1. Well  
 2.  
 3.  
 WRITE THE BOX NUMBER FROM THE MAP HERE  
 E **790**  
 N **540**



**C1** **0460** SEQUENCE NO. (DENV USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLUMNS 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 **B-42482**

ST/CO USE ONLY  
 DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

OWNER **CARMAN ACCORDATES**  
 STREET OR RFD **WILLOW CREEK** first name TOWN **WILLOW**  
 SUBDIVISION **COUNTRY ESTATES** SECTION LOT **30**

**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	
SAND	0	44	
GRAY MICA SAND	44	365	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES  NO   
 TYPE OF GROUTING MATERIAL  
 CEMENT  BENTONITE CLAY   
 NO. OF BAGS **15** NO. OF POUNDS **140**  
 GALLONS OF WATER **90**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **42** ft.

**CASING RECORD**  
 casing types insert appropriate code below  
 ST STEEL  CO CONCRETE  
 PL PLASTIC  OT OTHER  
 MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)  
 ST  C  47

**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

**C2**

EACH CASING	DEPTH (nearest ft.)	
	from	to
1	HO 46	365
2		
3		

CIRCLE APPROPRIATE LETTER  
**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 THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "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.

DRILLERS IDENT. NO. **24**  
 DRILLERS SIGNATURE *Walter E. Meyer*  
 (MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH) from to  
 GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **6**  
 PUMPING RATE (gal. per min. to nearest gal.) **3**  
 METHOD USED TO MEASURE PUMPING RATE **Bucket**  
 WATER LEVEL (distance from land surface) BEFORE PUMPING **29** WHEN PUMPING **225**  
 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 (CIRCLE) (YES or NO) 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 } LAND SURFACE }  
 - below }  (nearest foot)

LOCATION OF WELL ON LOT  
 SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)  
*See Attached Well location*