

4/16/78
4/15/78
4/10/78
final
trench

App. 9 Apr. 78
P.C.O. 4/5/78 MB.
RAB

PERMIT

P 27735

SEWAGE DISPOSAL SYSTEM

A 23924

MARYLAND STATE DEPARTMENT OF HEALTH*

P.C.O. 4/5/78 C.B.S.

HOWARD COUNTY

04-329481

ELLICOTT CITY

DISTRICT 4th

INDEXED

DATE 3/27/78

Bud Arnold IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE _____

SUBDIVISION _____ ROAD 16076 A.E. Mullinix Rd. LOT 16

PROPERTY OWNER Herbert Fitzgerald

ADDRESS 919 Clopper Road, B-1, Gaithersburg, Md. 20760

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 160 SQ. FT. per bedroom

INLET PIPE 4 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 120 FT. FROM rear LOT LINE AND 282 FT. FROM right LOT LINE AS SEEN WHEN FACING LOT FROM

TRENCH-start the trench after a 5 foot earth buffer with the drywell and proceed to dig trench on level ground the necessary distance.

PLANS APPROVED BY Frank Skinner DATE 6/27/77

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.

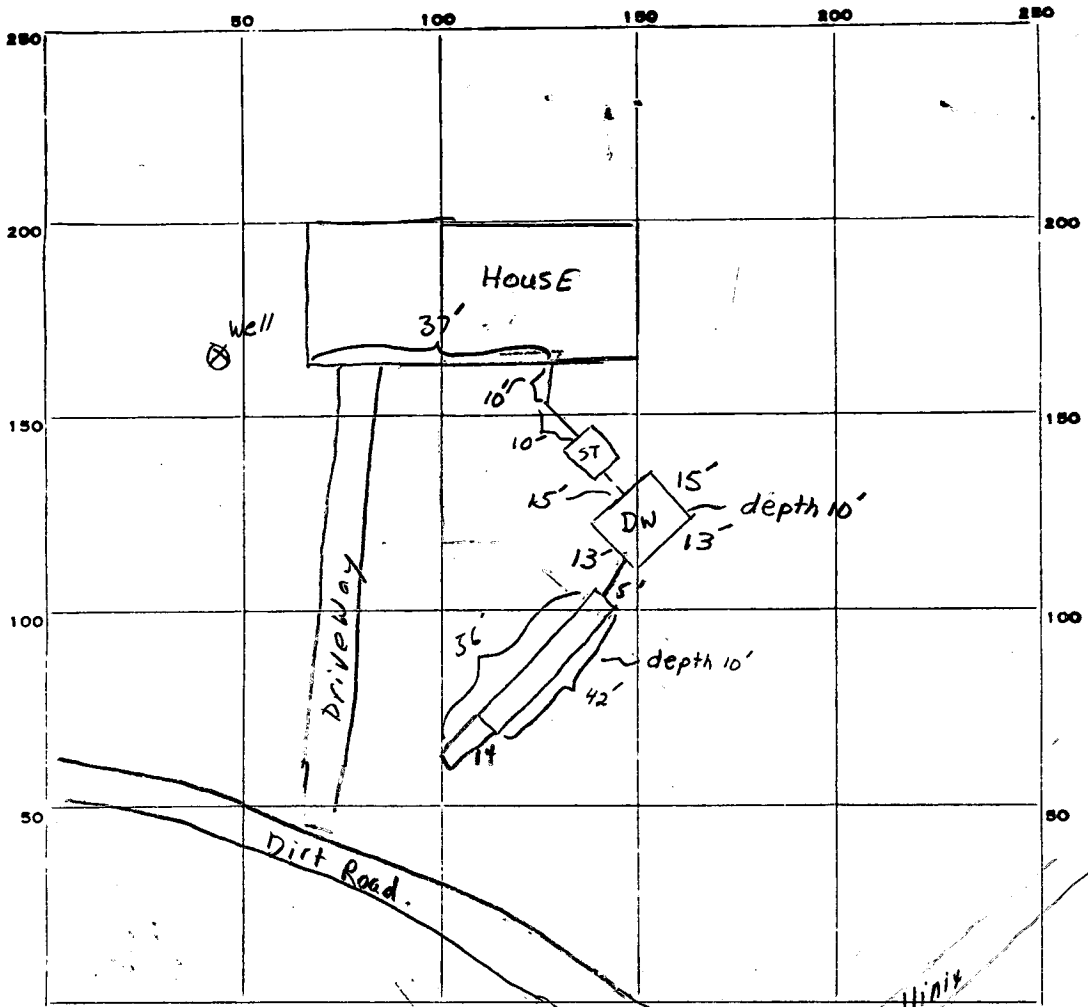
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 TERRAZO ACCEPTED.

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

A 23924



23924

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

PERMIT CARD _____

SEPTIC TANK, LEVEL _____ *Yes on pile of dirt near system C.B.D.* CLEANOUTS _____ *AE Mullinix*

DISTRIBUTION BOX, LEVEL _____ *S.T. P.V. 4/4/78 No. 5 No 4/6/78 c.B.D.*

TRENCH FIELD, DEPTH 10 FT. TRENCH WIDTH 2 1/2 FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH 56 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA _____

SEE PAGE PITS, INSIDE DIAMETER 60 FT. DEPTH BELOW INLET 6 FT. @ 360

ABSORBENT AREA _____ SQ. FT. *4/6/78 c.B.D.*

REMARKS 4/5/78 Stop work. 4/6/78 c.B.D. Corners of Drywell should be dug out so debris doesn't fill edges. 4/6/78 c.B.D. Ten Foot of trench is Needed. Present 4/11/78 c.P.D. arrangement gives us 588 sq Ft absorbent area. We need 640 sq Ft AMB.

4/6/78 Needs manhole covers to grade on septic tank pipe not connected to ST; Drywell 15 x 15; note ok for gravel in trench - older man present.

DATE SYSTEM APPROVED 9 Apr 78 INSPECTOR R. Biggs

PRELIMINARY

APPLICATION

A 23924

11/19/76
9:30 A.M.

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT 3 B.R. | 4 B.R. DISTRICT 4th

ENVIRONMENTAL HEALTH SERVICES 100 gal. septic tank | 1250 gal. septic tank DATE 9/15/76

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

Drywell and trench system to have 160 SQ. FT. effective sidewall absorption area per bedroom below the first 4 ft. of non-porous soil. Maximum depth permitted for drywell or trench is 10 ft. below original grade. Place the drywell 120 ft. from the rear (679.26 ft. long) lot line and 282 ft. from the right (410 ft. long) side line. Start the trench after a 5 foot earth buffer with the drywell and proceed to dig trench on level ground the necessary distance. NOTE: Call for inspection of the trench before gravel is installed.

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 Herbert O. Fitzgerald
Charles W. Slagle property (Harold C. & Kathleen A. Carter - Contract

ADDRESS Purchasers - 1004 Welsh Drive, Rockville, Md. 20852 PHONE 87626421

PROPERTY LOCATION: 919 Clopper Road, # B-1, Gaithersburg, Md. 20760

SUBDIVISION Home - 977-4296
Work - 785-0873 LOT NO. 16

ROAD AND DESCRIPTION 16076 A. E. Mullinix Road, Gaithersburg, Md.

SIZE OF LOT 5.460 acres m/1 TYPE BLDG. 3 or 4 bedrooms
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/ Harold C. Carter BLDG. PERMIT SIGNED AND RETURNED 10/19/77
Serial No. 33794

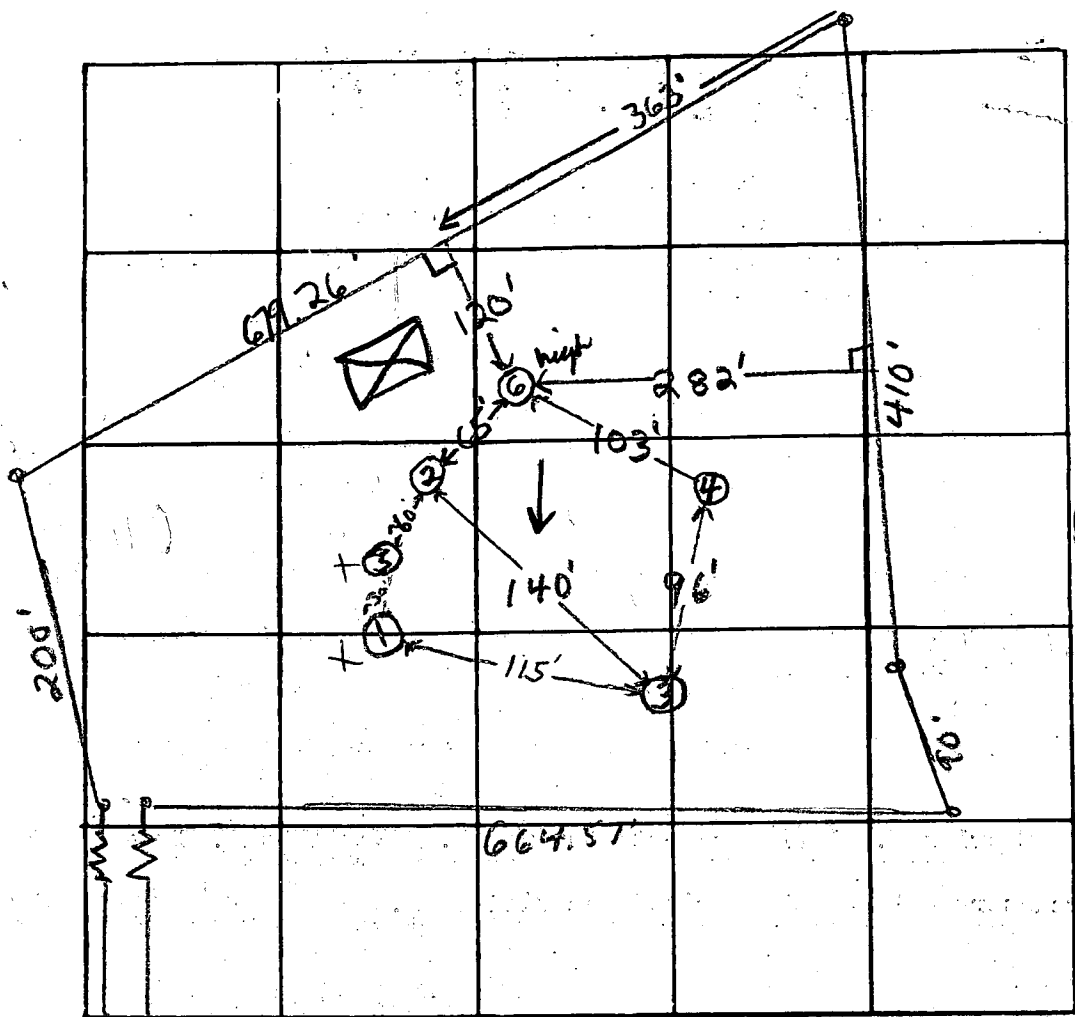
APPROVED BY Frank Skinn FOR Drywell & Trench DATE 6/27/77
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING Attatic Hold for septic boundary plat MS.

THIS IS NOT A PERMIT



23924

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

A.E. Mullinix Road

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/19/76	①	6'	10:16				
	1A	13'	10:15	10:18	10:18	10:22	4 min
	2	5'	10:21	10:37	10:37	10:59	22 min
	2A	13'	10:19	10:29	10:29	10:45	16 min
	3 low	5'	10:30	10:37	10:37	10:48	11 min
	3A	13'	10:26	10:28	10:28	10:43	15 min
	4	4'	10:47	10:49	10:49	11:56	7 min
	4A	13'	10:42	10:43	10:43	10:46	3 min
	⑤	6 1/2'	Clay	at top of hole	at 6 1/2'	silty at 6 1/2'	
	6 high	4'	11:12	11:18	11:18	11:29	11 min
	6A	13'	silty loam	below top	3 1/2' clay, sand		

REMARKS

TYPE OF SOIL silty loam below top ~ 4-6' clay, sand

TESTED BY F.S.

ALSO PRESENT: H. Sirka Jr.

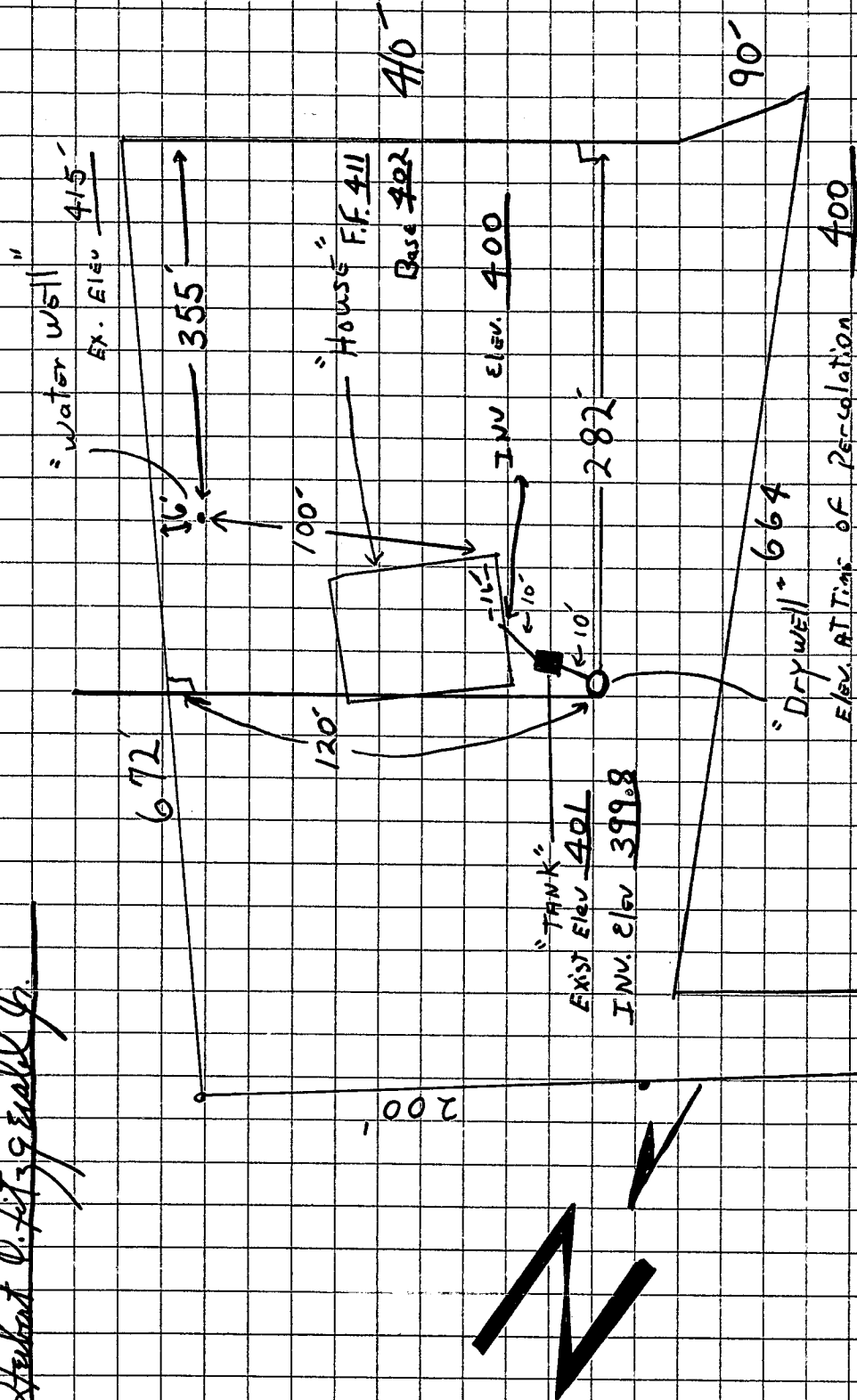
23924

9/21/77

Sketch Out,
F. Skinner

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

Hubert O. Fitzgerald Jr.

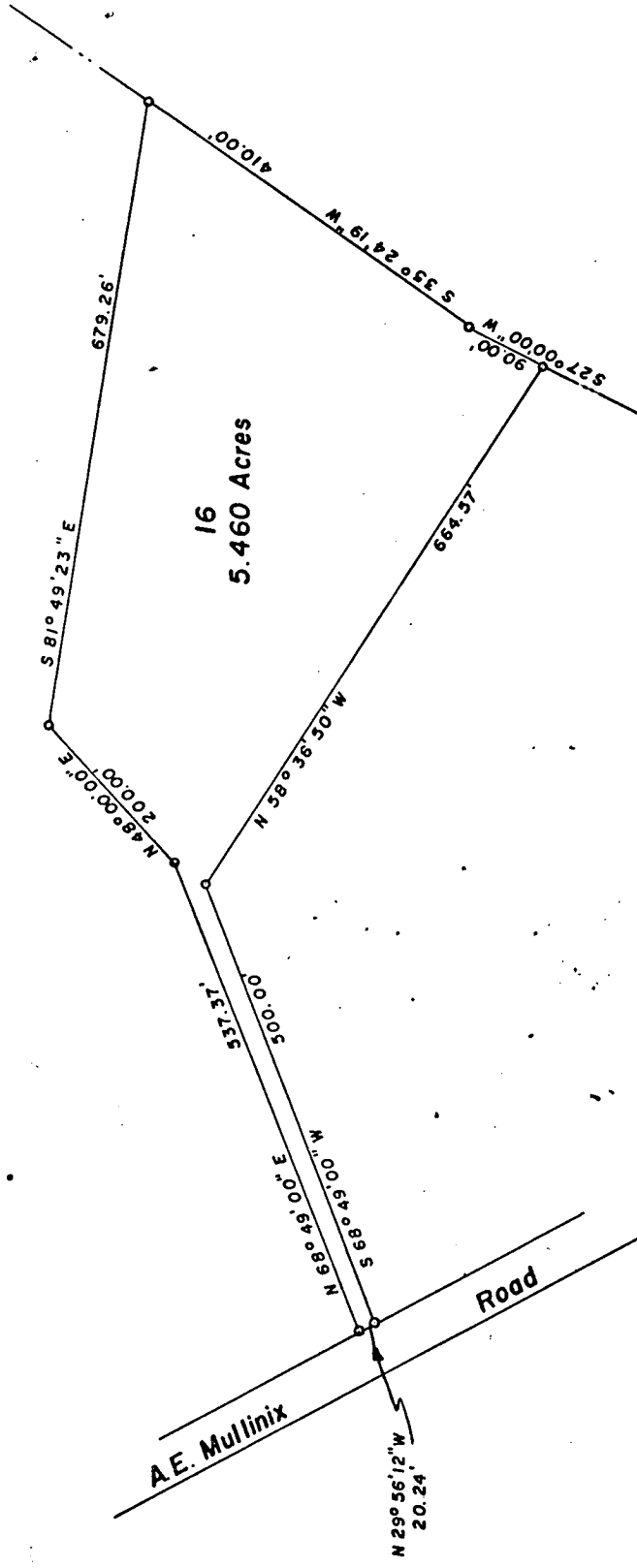
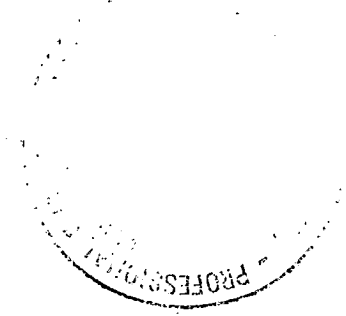


EXT. Elev. 400
 INV. Elev. 397

A.E. Mullinix Rd.

23924

A-3274



PLAT OF SURVEY
 FOR
 CHARLES W. SLAGLE
 FOURTH ELECTION DISTRICT OF HOWARD COUNTY
 WOODBINE, MARYLAND
 SCALE: 1 IN. = 200 FT. NOVEMBER 15, 1971

Claude M. Skinner Jr.
 Claude M. Skinner Jr. Reg. Engineer & Land Surveyor No. 2237

Note: The lot shown hereon complies with the minimum ownership & lot area as required by the Maryland State Dept. of Health & Mental Hygiene

Approved: Private Water & Private Sewer

James C. ...
 Date: 6-27-71



C 1 **8933** 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 WI
 IN 30 DAYS AFTER WELL COMPLET

FILL IN THIS FORM COMPLETELY

COUNTY NUMBER **23924**

DATE RECEIVED (WRA USE ONLY) _____ DATE WELL COMPLETED **10/8/77** DEPTH OF WELL **150** (TO NEAREST FOOT) 22 _____ 26

PERMIT NO. FROM "PERMIT TO DRILL WELL" **40-73-2350**
 28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO. **217**

OWNER **FITZGERALD** LAST NAME **HERBERT** FIRST NAME
 STREET OR RFD **919 CLOPPER RD.** POST OFFICE **GAITHERSBURG, MD**

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	
CLAY	0	3'	
BROWN SHALE	3'	33'	
BLUE SLATE	33'	150'	✓

WELL DESCRIPTION

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO
 TYPE OF GROUTING MATERIAL (CIRCLE BOX)*
 CEMENT BENTONITE CLAY
 45 46 45 46
 NO. OF BAGS **9** NO. OF POUNDS **846**
 GALLONS OF WATER **55**
 DEPTH OF GROUT SEAL (TO NEAREST FOOT)
 FROM **48** FT. TO **54** FT.
 (ENTER 0 IF FROM SURFACE)

CASING RECORD

INSERT APPROPRIATE CODE BELOW

STEEL CONCRETE
 PLASTIC OTHER

MAIN CASING TYPE **ST** NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) **6** TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) **48**
 60 61 63 64 66 70

OTHER CASING (IF USED)

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

EACH CASING

SCREEN RECORD

INSERT APPROPRIATE CODE BELOW

STEEL BRASS OR BRONZE OPEN HOLE
 PLASTIC OTHER

SCREEN

C 2 (SEQ. NO.) 6

DEPTH (NEAREST WHOLE FOOT) FROM _____ TO _____

1 **HO** **40** **150**
 8 9 11 15 17 21
 23 24 26 30 32 36
 38 39 41 45 47 51

SLOTSIZE 1, _____ 2, _____ 3, _____

DIAMETER OF SCREEN **6** (NEAREST INCH)
 56 FROM 60 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

PUMPING TEST

C 3 (SEQ. NO.) 6

HOURS PUMPED (TO NEAREST HOUR) **5**
 8 9
 PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) **15**
 11 15
 METHOD USED TO MEASURE PUMPING RATE **ROTARY**
 WATER LEVEL: (DISTANCE FROM LAND SURFACE)
 BEFORE PUMPING **50** (NEAREST FOOT)
 17 20
 WHEN PUMPING **140** (NEAREST FOOT)
 22 25
 TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST)
 AIR PISTON TURBINE
 27 27 27
 CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)
 27 27 27
 JET SUBMERSIBLE
 27 27

PUMP INSTALLED

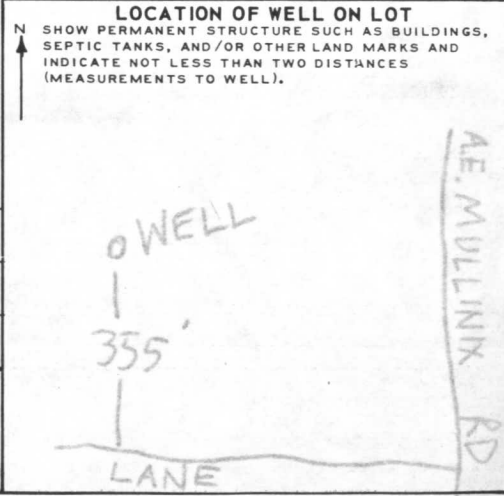
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) 29

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) 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
 BELOW } **2** (NEAREST FOOT)
 49 50 51



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 **C.A. Cromwell**

(PLEASE PRINT) **C.A. Cromwell**

SIGNATURE **C.A. Cromwell**