

approved 3/17/83

Stayer

P 32531

A 30950

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY

DISTRICT 4th

DATE 3/3/83

INDEX

OU-332678

William Hopkins

IS PERMITTED TO INSTALL ☒ ALTER ☐

ADDRESS 2724 Jennings Chapel Road, Woodbine, Md. 21797 PHONE 489-4711

SUBDIVISION Gary M. Stevens property ROAD 15401 Route 144 LOT 4-A

PROPERTY OWNER J. P. Helton

ADDRESS 1404 Florence Road, Woodbine, Md. 21797

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

GARBAGE GRINDER? YES ☐ NO ☒

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

DRY WELL AND TRENCH - System to have 170 sq. ft. effective sidewall absorption area per bedroom to begin below the first 4 ft. of non-porous soil, with dry well inlet to be no deeper than 3 3/4 feet below original grade. Maximum depth permitted for system is 9 feet below original grade. Place the dry well 93 ft. from the rear lot line and 20 ft. from the left side line. Start the trench after a 5 ft. earth buffer and run it ~~towards rear lot~~ ^{on level ground} the necessary distance, as seen when facing the property from Route 144. NOTE: Call for inspection of trench before gravel is installed.

PLANS APPROVED BY Frank Skinner DATE 6/9/75 & 3/14/83

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.

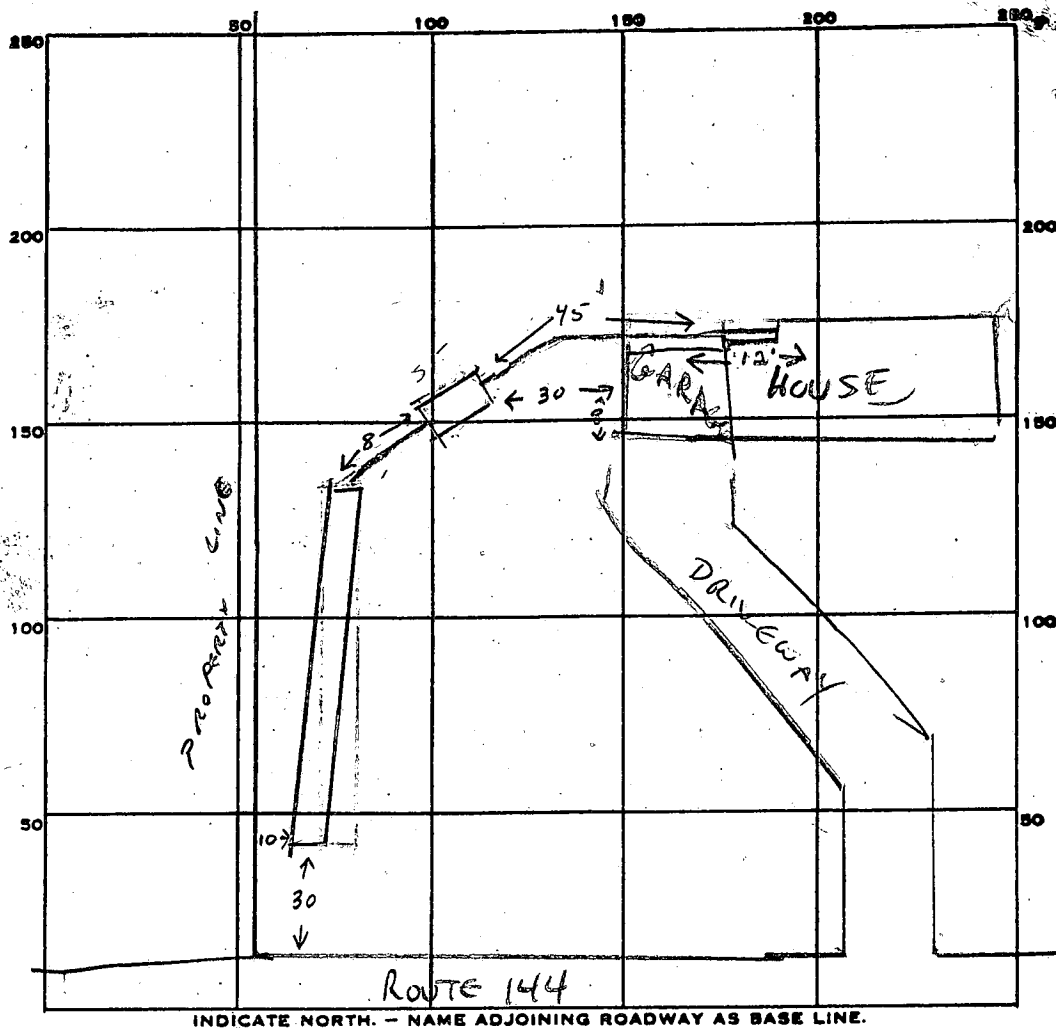
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A30950



170/pen
x 3224
510 NEEDED

102

PERMIT CARD ☒

SEPTIC TANK, LEVEL ☒

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL ☐

TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 3 FT.

GRAVEL DEPTH 5 1/2 FT. IN. TOTAL LENGTH 102 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 561

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

ABSORBENT AREA 561 SQ. FT.

102
5.3
510
510
5610

REMARKS

TRENCH & SEPTIC TANK & HOUSE CONNECTION OK.

ADD GRAVEL, SEPTIC TANK CLEANOUT, HOUSE SEWER LINE, AND
PERFORATED EFFLUENT PIPE. 3-16-83 CW

3/17/83 OK to cover all work. JF

DATE SYSTEM APPROVED

3/17/83

INSPECTOR

Stanger

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

A 30950

P _____

DISTRICT 4

DATE 9/23/80

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 J. P. Helton

ADDRESS 2832 Florence Rd. Woodbine, Md. PHONE 489-7196

PROPERTY LOCATION _____

SUBDIVISION _____ LOT NO. 4-A

ROAD AND DESCRIPTION Carroll's Mill Rd. Route 144 and Carroll Mill Rd.

SIZE OF LOT 1.254 A. TYPE BLDG. 3 bed room

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.

SIGNATURE OF APPLICANT J. P. Helton

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 9/30/80 HOLD FOR EVALUATION SYSTEM CHANGED

GO NEAR ORIGINAL TEST OF F. SKINNER

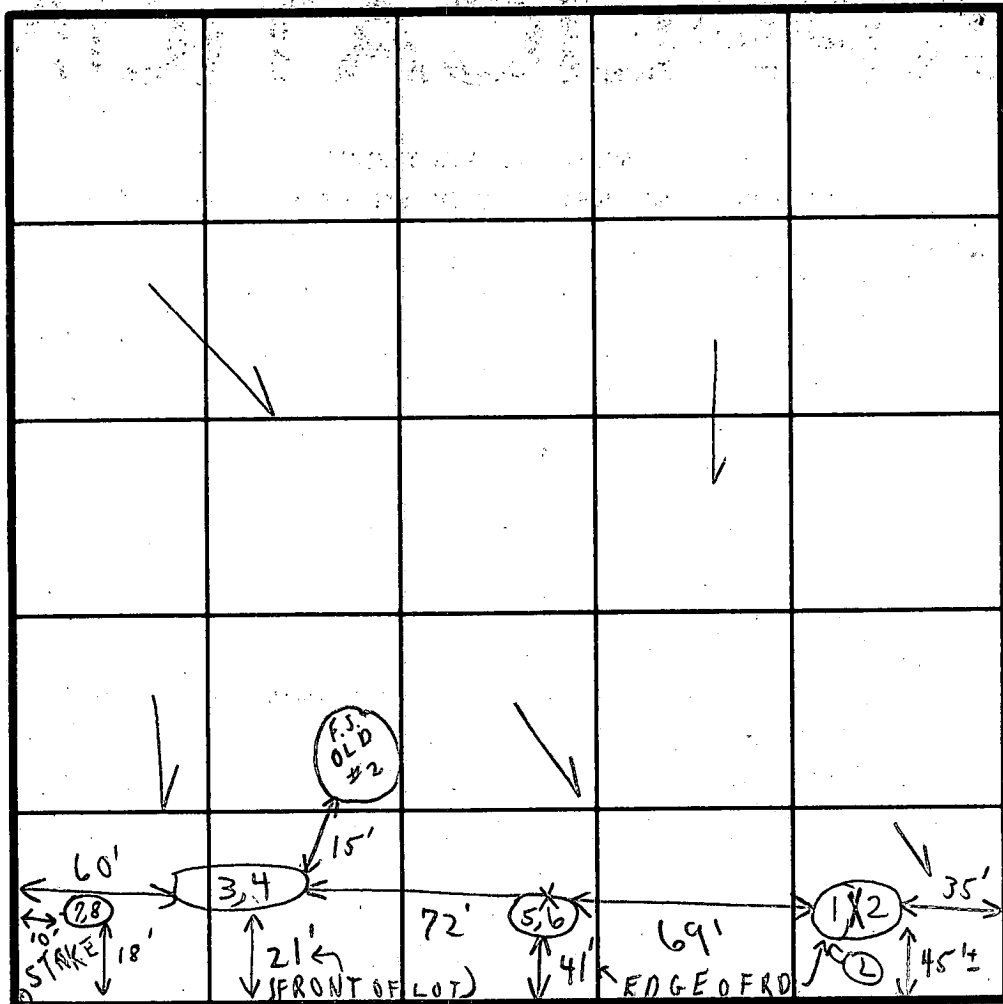
THIS IS NOT A PERMIT

4A

SOIL PROFILE

SEE
EACH
HOLE
BELOW

FIELD SHEET



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RT. 144

SOIL PROFILE

	DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
				START	STOP	START	STOP	
1' - 6 1/2' - 7 clay	9/30/80	1A p1	3 1/2'	9:57	10:00	10:13 1/2"	10:00	XX
7 1/2' - 12 1/2' LOAM		2	12 1/2'	9:57	10:01	10:01	10:13	12m
1' - 3 1/2' CLAY		3	3 1/2'	10:00	10:09	10:09	10:23	14m
3 1/2' - 12' LOAM		4	12'	10:00	10:04	10:04	10:11	7m
CLAY 6 1/2' +		5A	5 1/2'	10:40	10:11	10:15 1/8"	10:00	X
		6		(NOT DUG)				
		1B	4 1/2'	10:28	10:00	10:15 1/2"	10:58	XX
		5B	6 1/2'	11:11	11:00	11:41 1/4"	10:00	
1' - 4' clay	10/17/80	7	4'	12:57	12:59	12:59	1:01	2m
4' - 12 1/2' LOAM	C.R.S.	8 p1	12 1/2'	12:56	12:59	12:59	1:08	9m
	+ M.							
	Helton							

REMARKS

(1) { TESTS IN OPEN } HOLE FOR MR NELTON

(2) { RECOMMEND STAY NEAR } (3) { TO SUBMIT } FOR

TYPE OF SOIL

ORIGINAL PERCS

CALL FOR VISIT OFFICE

(WITH HOUSE PLAN) MR. HOPKINS SON - DAVE

TESTED BY

C. B. S.

ALSO PRESENT

MR NELTON

APPLICATION

A 21353

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 4

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

DATE 4/17/75

3 B.R. 1000 gal. Septic tank | 4 B.R. 1250 gal. Septic tank

5/14/75
9:30

Drywell and trench system to have 170 sq. ft. effective sidewall absorption area per bedroom to begin below the first 6 ft of non porous soil, with drywell inlet to be no deeper than 3 ft below original grade. Maximum depth permitted for system is 8 ft below original grade. Place the drywell 83 ft from the rear lot line and 20 ft from the left side line. Start the trench after a 5 ft. earth buffer and run it towards pore hole # 5 the necessary distance as seen when facing the property from Rte #144.

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

Note: Call for inspection of trench before gravel is installed

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

PROPERTY OWNER Gary M. Stevens property

ADDRESS (Mr. Hansen Watkins - 401 N. Washington St., PHONE (8) 424-2900
Rockville, Maryland 20850)

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 4 A

ROAD AND DESCRIPTION Corner of Carr's Mill Rod. & Md. Rt. 144

SIZE OF LOT 1.254 acres TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____ (Single Fmly. Dwllg.)

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

SIGNATURE OF APPLICANT /s/ Hansen Watkins

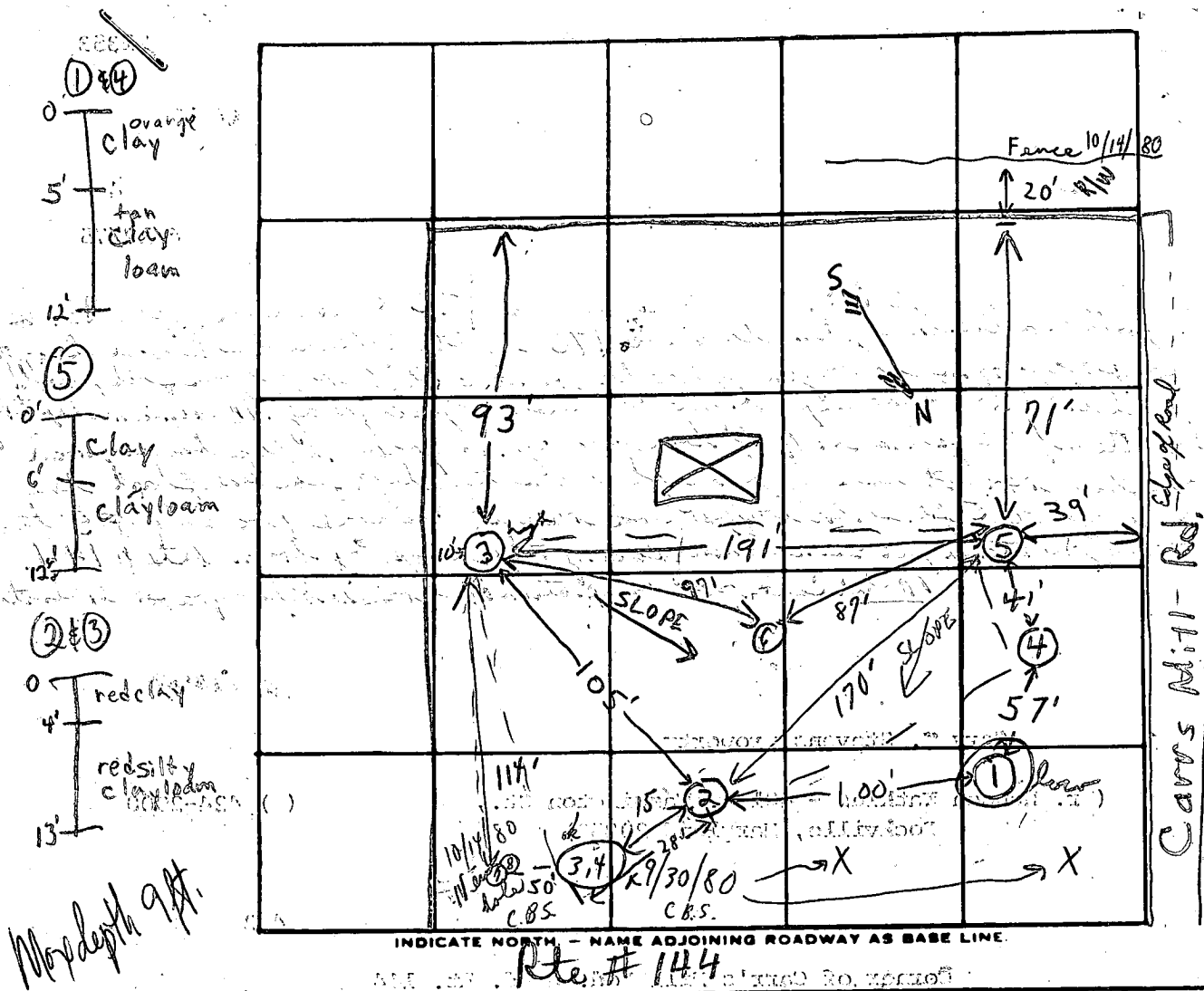
✓ APPROVED BY Frank Skinner FOR Drywell & trench DATE 6/9/75
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
5/14/75	①	4'	10:28	pulled	peg 11:00	no drop	
	①A	12'	10:27	pulled	peg 11:00	1/4" drop	
	2	5'	10:42	10:52	10:52	11:10	18 min
	2A	13'	10:37	10:43	10:43	10:54	11 min
	3 high	6'	11:15	11:21	11:21	11:30	9 min
	3A	12'	11:15	11:24	11:24	11:40	16 min
	4	11'	Visual; clayey	to 7'; clay, loam below			
	5	6'	11:50	12:03	12:03	12:25	22 min
	5A	12 1/2'	11:51	11:56	11:56	12:05	9 min
	6	12'	Visual; clayey	to 5 1/2' silty, loam below			

14.2 min
avg.

170 #/cu ft

eff. area state
at 6' below grade

REMARKS

TYPE OF SOIL

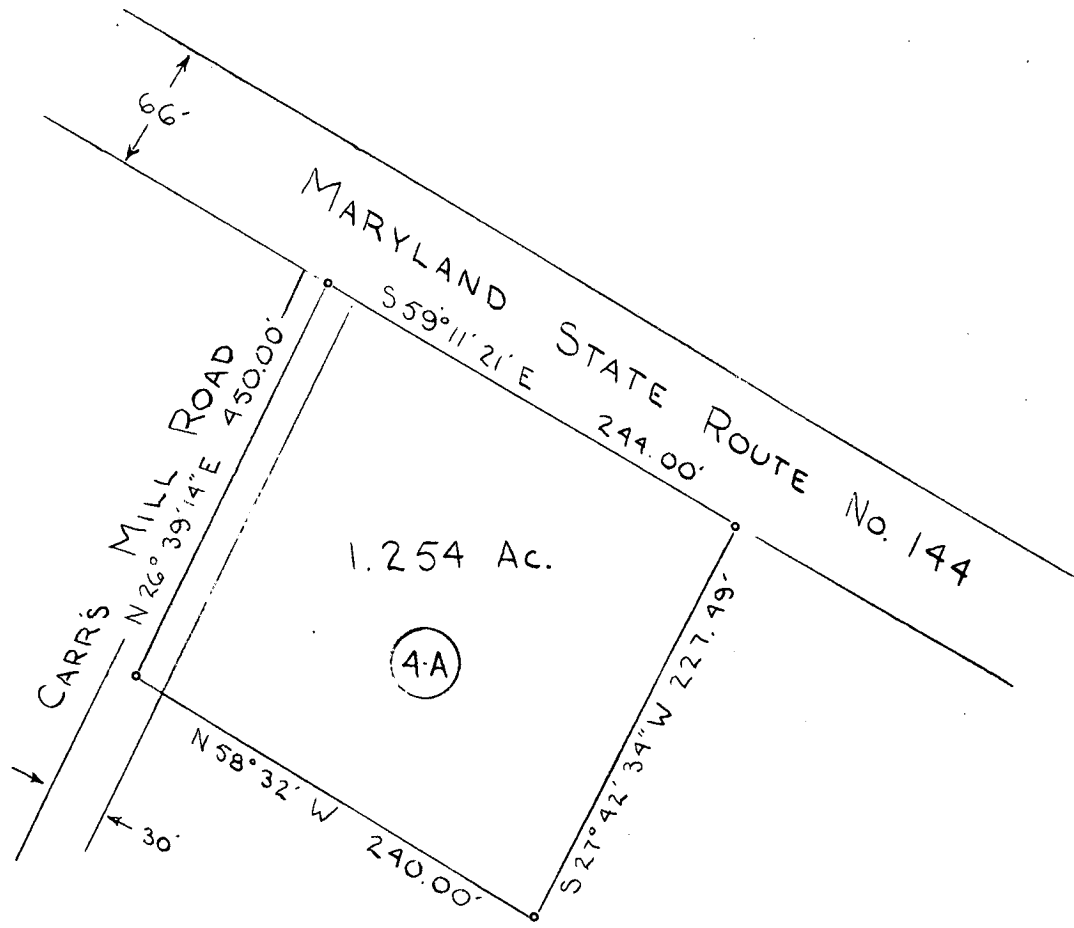
silty loam & clay loam

TESTED BY

F.S.

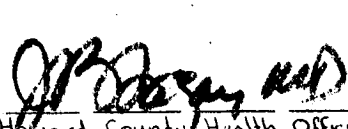
ALSO PRESENT:

H. St. John



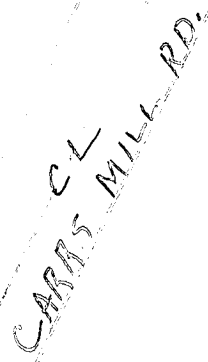
PLAT FROM DEEDS
OF THE
'GARY M. STEVENS PROPERTY
FOURTH ELECTION DIST., HOWARD COUNTY
WOODBINE, MARYLAND
SCALE 1IN=100FT MARCH 24, 1975

Note: The lot shown hereon complies with the minimum ownership and lot area as required by the Maryland State Health Department.

Approved: Private Water and Private Sewer
 6/19/75
Howard County Health Officer Date



Charles M. Steining
A-3874-4A

[illegible]

11/24/82 WELL SITE
APPEARS OK
PER R HODGES JR

J. D. Helton

1404 Florence Rd.

Mt. Airy, Md. 21771

829-2964 LOT 4A

NOV 18 11 18 AM '82

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
ELLICOTT CITY, MD.

RECEIVED
HOWARD COUNTY
HEALTH DEPT.
NOV 13 - 2 46 PM '82
DIVISION OF
ENVIRONMENTAL
HEALTH

LOT 4A

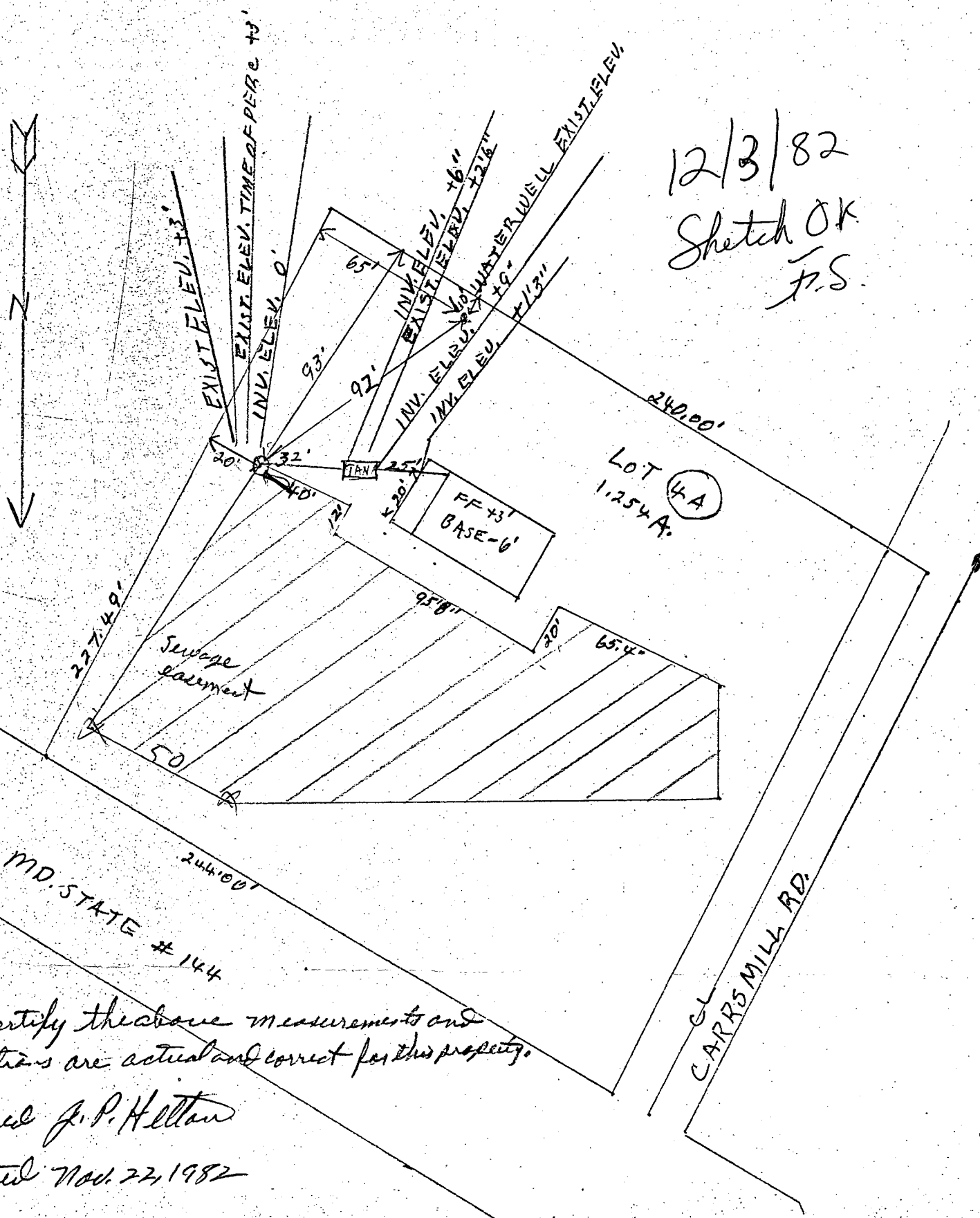
15401 Route 144

Woodbine, Md.

Plat from deeds of the
Harry M. Stephens Property
4th election district of H.O. Co.
Woodbine, Md.

Scale 1"=50'

12/3/82
Sketch OK
F.S.

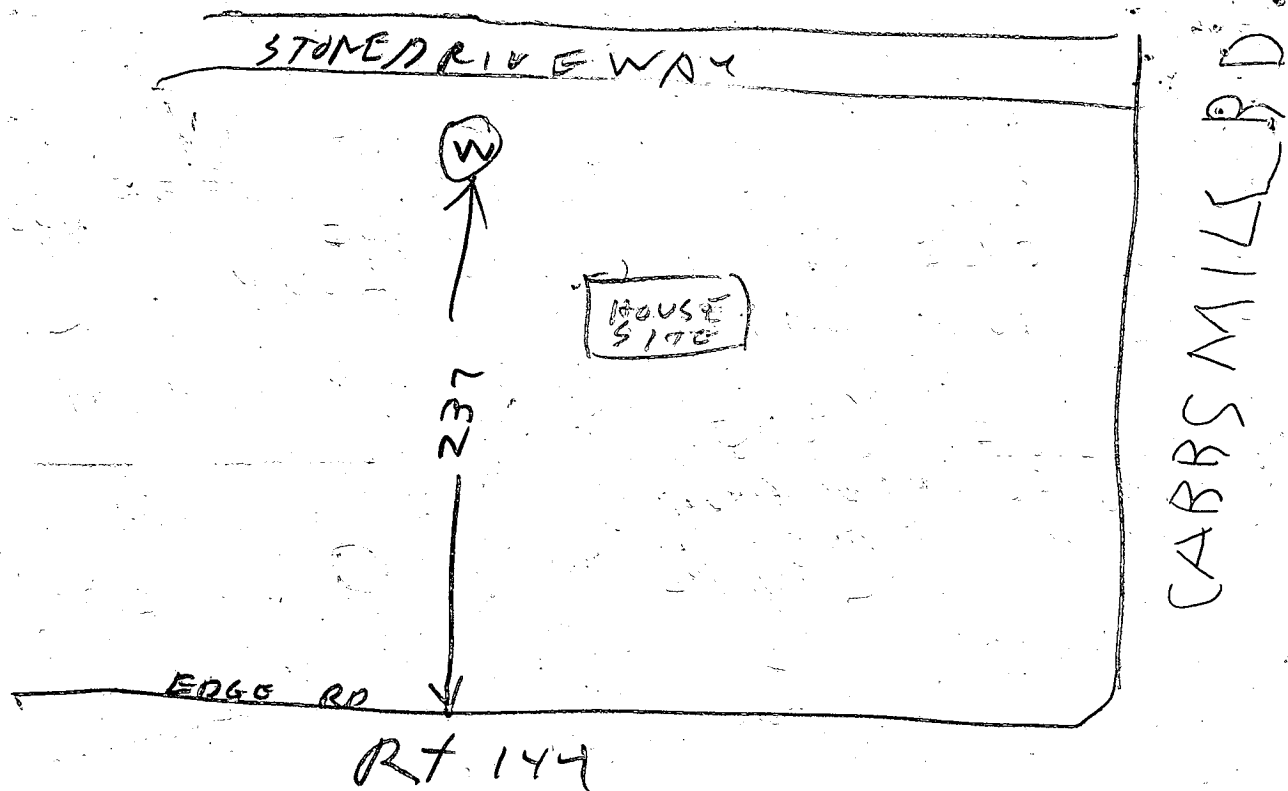


I certify the above measurements and
elevations are actual and correct for this property.

Signed J. P. Hillman

Dated Nov. 22, 1982

B 1	1581	SEQUENCE NO. 8:00 P.T. Ghr (OEP USE ONLY) 230 Well grant 12/3/82	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER HO-73-4332 fill in this form completely
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				
Date Received 12/3/82 P.M. 1 1 1 8 8 2 (OEP Use Only) 13		LOCATION OF WELL COUNTY 8 <u>Howard</u> 21 SUBDIVISION <u>BARY M STEVENS Prop</u> 42 SECTION <u>none</u> 44 LOT <u>4 A</u> 50 NEAREST TOWN <u>Lisbon</u> 52 MILES FROM TOWN (enter 0 if in town) <u>2</u> 73		
OWNER INFORMATION Last Name 15 <u>HELTOM</u> Owner 34 Name <u>1404 FLORENCE RD</u> 36 Street or RFD 55 <u>MT ARLY MD 21771</u> 76 Zip		B 3 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 		
B 1 Continued DRILLER INFORMATION <u>Ralph MAYNE</u> 273 Driller's Name 77 License No. 80 <u>Ralph MAYNE (well Drilling)</u> Firm Name <u>Rt. 3 Box 9120 Mt. Arly Md.</u> Address <u>Ralph Mayne 10/16/82</u> Signature Date		B 4 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NEAR WHAT ROAD <u>md. 144</u> 30 NORTH N WEST W 32 EAST E SOUTH S <u>210</u> DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) 34 37 (CIRCLE APPROPRIATE BOX) 38 39		
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <u>5</u> 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>500</u> 14 20		SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <u>well</u> 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E <u>780 5</u> N <u>540 5</u>		
USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) 22 ☐ 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)		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION <u>12/3/82</u> <u>WELL OK</u> <u>md. 144</u> <u>RH</u> 		
APPROXIMATE DEPTH OF WELL <u>150</u> FEET 24 28 APPROXIMATE DIAMETER OF WELL <u>6</u> INCH 28		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 DEEPEENED WELLS (CIRCLE APPROPRIATE BOX) ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL. THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ THIS WELL WILL DEEPEEN AN EXISTING WELL. PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEENED (IF AVAILABLE) 41		B 4 NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <u>HOWARD</u> <u>A 30950</u> COUNTY NAME COUNTY NO. OEP SIGNATURE <u>Frank Shinn</u> STATE HEALTH CIRCLE BOX ☒ 41 DATE ISSUED <u>11/26/82</u> CO SIGNATURE NORTH GRID <u>545</u> EAST GRID <u>0785</u> EXPIRES <u>052683</u>		
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER <u>GAP</u> 54 63 FORCE <u>FS</u> WRITE INITIALS IN BOX 64 68 PERMIT NO. <u>HO-73-4332</u> 70 71 72 73 74 75 76 77 78 79		SPECIAL CONDITIONS 8-63		



12/3/82

- ① WELL LOCATION OK
- ② 63 FT PLASTIC CASING 2 FT OUT OF GROUND.
- ③ 38 FT OPEN HOLE MEASURED BUT ACTUALLY MORE BECAUSE STRING WAS SHORT
- ④ 13 BAGS
- ⑤ WELL OK
- ⑥ WELL YIELD & WATER SAMPLE ALSO DONE TODAY

Raymond Dodge

C1 4219	SEQUENCE NO. (OEP USE ONLY)	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.
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		COUNTY NUMBER 130950	

Date Received (OEP use only)	DATE WELL COMPLETED 120382	Depth of Well 260 (TO NEAREST FOOT)	PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-73-4332
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OWNER last name Helton first name J. P.	STREET OR RFD Md. Rte 1444 Carrs Hill Road	TOWN Lisbon
SUBDIVISION Gov. M. Stevens property	SECTION	LOT 4-A

DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing
	FROM	TO	
Top Soil	0	2	
Brown Shale	2	50	✓
Brown Slate	50	65	
Blue Slate	65	80	
Brown Slate	80	85	✓
Blue Slate	85	260	

WELL HAS BEEN GROUTED (Circle Appropriate Box)	
yes ☒ Y	no ☐ N
TYPE OF GROUTING MATERIAL	
CEMENT ☒ CM	BENTONITE CLAY ☐ BC
NO. OF BAGS 13	NO. OF POUNDS 1300
GALLONS OF WATER 78	
DEPTH OF GROUT SEAL (to nearest foot)	
from 0 ft. to 40.7 ft.	(enter 0 if from surface)

Casing types insert appropriate code below		C 3	
☒ 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)	
☒ PL	6	60	

EACH CASING	OTHER CASING (if used)
	diameter inch
	depth (feet) from

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

C 2	DEPTH (nearest ft.)
1 HC	58
2	260

CIRCLE APPROPRIATE BOX	
☐ 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 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.

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

SLOT SIZE	DIAMETER OF SCREEN (NEAREST INCH)
2	60

GRAVEL PACK	IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX ☐ F
-------------	--

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)	TELESCOPE CASING	LOG INDICATOR	OTHER DATA

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	50	
WHEN PUMPING	260	
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 APPROPRIATE BOX)	YES ☒ Y NO ☐ N
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE	
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))	
CAPACITY: GALLONS PER MINUTE (to nearest gallon)	31
PUMP HORSE POWER	41
PUMP COLUMN LENGTH (nearest ft.)	47
CASING HEIGHT (Circle appropriate box and enter casing height)	
☒ + above	LAND SURFACE
☐ - below	2 (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)	

Page of
Date 12/3/82

Review 1/10/83 OK F.S.

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 73-4332
Location of property (road) MD Rt. 144 + Carr Mill Rd.
Subdivision Cary M. Stevens Property Lot 4A Block - Plat - Sec. -
Well Driller Ralph Mayne Owner J. P. Helton

Depth of well 260 ft
Distance of measuring point (M.P.) above ground 2 ft
Static water level (S.W.L.) below M.P. 50 ft

I. High rate pumping -- reservoir drawdown

Time pump started 8:00 Pumping rate 9:6 P.M.
Total time 15 min to reach pumping water level 85 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 1 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:15	85 ft	20 sec	—	3 G.P.M.
8:30	85 ft	20 sec	—	3 G.P.M.
8:45	85 ft	20 sec	—	3 G.P.M.
9:00	85 ft	20 sec	—	3 G.P.M.
9:15	85 ft	20 sec	—	3 G.P.M.
9:30	85 ft	20 sec	—	3 G.P.M.
9:45	85 ft	20 sec	—	3 G.P.M.
10:00	85 ft	20 sec	—	3 G.P.M.
10:15	85 ft	20 sec	—	3 G.P.M.
10:30	85 ft	20 sec	—	3 G.P.M.
10:45	85 ft	20 sec	—	3 G.P.M.
11:00	85 ft	20 sec	—	3 G.P.M.
11:15	85 ft	20 sec	—	3 G.P.M.
11:30	85 ft	20 sec	—	3 G.P.M.
11:45	85 ft	20 sec	—	3 G.P.M.
12:00	85 ft	20 sec	—	3 G.P.M.
12:15	85 ft	20 sec	—	3 G.P.M.
12:30	85 ft	20 sec	—	3 G.P.M.
12:45	85 ft	20 sec	—	3 G.P.M.
1:00	85 ft	20 sec	—	3 G.P.M.
1:15	85 ft	20 sec	—	3 G.P.M.
1:30	85 ft	20 sec	—	3 G.P.M.
1:45	85 ft	20 sec	—	3 G.P.M.
2:00	85 ft	20 sec	—	3 G.P.M.
2:15	85 ft	20 sec	—	3 G.P.M.