

01-169246

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 38969A 31928DISTRICT 1stDATE 3/26/87DATE SYSTEM APPROVED 4/24/87INSPECTOR C. Williams

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

INDEXED

Cornwell Pump CompanyIS PERMITTED TO INSTALL X ALTER ADDRESS 12196 Triadelphia Road, Ellicott City, MD 21043 PHONE 988-9221SUBDIVISION Talbot's Last Shift ROAD 5192 Talbot's Landing LOT 7DPROPERTY OWNER (Richard Wichman) Jacqueline Travers new ownerADDRESS

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

GARBAGE GRINDER? YES NO XSEPTIC TANK CAPACITY 1500 GALLONSNUMBER OF BEDROOMS 3 720

TRENCHES - ~~180~~ 180 SQ FT sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3.5 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Start the first trench 100 feet from the West (180.4') lot line and 90 feet from the North (301.4') lot line. Run trench(s) along level ground toward the N North Lot line.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/CW

PLANS APPROVED BY C. Williams DATE 7/03/85

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.

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(IES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(IES).

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 TWO 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.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A-31928

SUBDIVISION: TALBOTT'S LAST SHIFT

LOT NUMBER: 7D

DRY WELL OR DRY WELL AND TRENCH

	<u>Septic Tank</u>	<u>Minimum Total square Feet</u>
3 bedroom	1000 gallon	_____ sq. ft./bedroom
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.
Bottom maximum depth _____ feet below original grade.
Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5 foot earth buffer between dry well and trench.
No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

~~180~~ 180
~~180~~ sq. ft./bedroom

Trench to be 3 wide.
Inlet 3.5 feet below original grade.
Bottom maximum depth 5.5 feet below original grade.
Effective area begins at 3.5 feet below original grade.
2 feet of stone below distribution pipe.

160
3) 540
340

- NOTE:
- (1) No trench to exceed 100 feet in length.
 - (2) If more than one trench used, a distribution box is required.
 - (3) Trenches to be installed on level ground.
 - (4) Call for inspection of trench before gravel is installed.
 - (5) Provide 6"-8" diameter cleanout and cap to grade or above on septic tank and drywell.
 - (6) If a Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

LOCATION: START THE FIRST TRENCH 100' FROM THE WEST
(180.4') LOT LINE AND 90' FROM THE NORTH (301.4') LOT LINE.
RUN TRENCH(S) ALONG LEVEL GROUND TOWARD THE NORTH LOT LINE.

7-3-85 CW

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 31928

P _____

DISTRICT 1st

DATE 5/13/82

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 Georgia L. Ketch WICHMAN RICHARD

ADDRESS 5331 Kurgers Rd, CCMD PHONE 788-5966

PROPERTY LOCATION: _____

SUBDIVISION Jalvatt's East Shiff LOT NO. 7D

ROAD AND DESCRIPTION Leicester Road 5192 TALBOT LANDING

BLDG. PERMIT SIGNED
AND RETURNED 1/30/87
S. Alut

SIZE OF LOT _____ TYPE BLDG. _____

(NUMBER OF BEDROOMS)
BPA 9866

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. _____

APPROVED BY Raymond Hodges FOR Drywell Patch (SIGNATURE OF APPLICANT) DATE 11/29/82

REJECTED BY _____ FOR BLDG. PERMIT SIGNED DATE _____
AND RETURNED 2/17/87

HOLD PENDING FURTHER TESTS Serial # 11825 - 3Cav garage DATE _____

REASONS FOR REJECTION OR HOLDING 7/27/82 FR said hold for

check of water table conditions before

decision made on this lot 7/30/82

8/3/82 - Talked to C. Hudgens 9/2/82 Wet season test req. for move test area up slope
if possible S.S.

THIS IS NOT A PERMIT

9/24/82 Hold for REVIEW ODD SHAPED PERC AREA

11/29/82 Dr. Boyd signs plat RH

SOIL PROFILE

0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

EII-12-1079

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 21778

P 1st

DISTRICT 1st

DATE 5-18-66

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 James H. Hyl

ADDRESS 5221 Kuykendall Road PHONE 785-1166

PROPERTY LOCATION: 10000th East Hill

SUBDIVISION 10000th East Hill LOT NO. 7D

ROAD AND DESCRIPTION 10000th Road

SIZE OF LOT _____ TYPE BLDG. _____

(NUMBER OF BEDROOMS)

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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

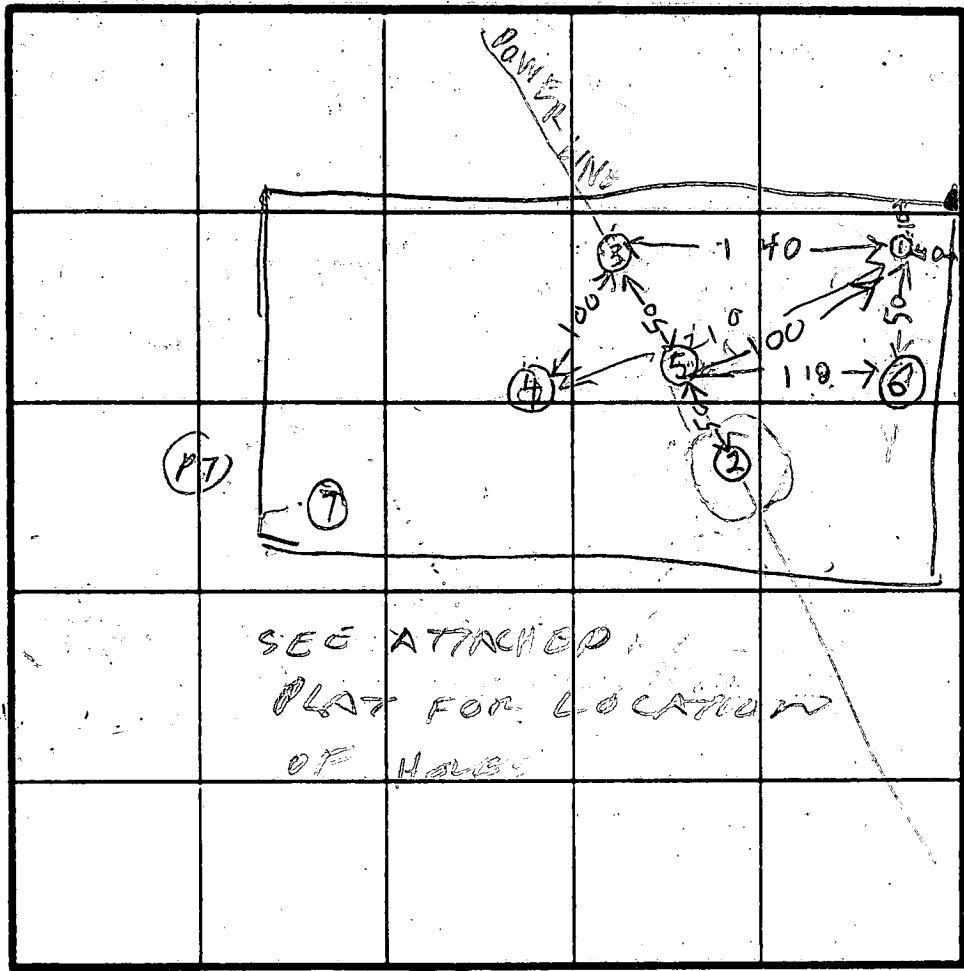
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

7D

SOIL PROFILE

SAND
TRAPPED WATER
CLAY



STAKE LOT 7D & LOT 8
HOLE LEVEL
④ = HIGHEST
③ HIGH
① MEDIUM
② LOWEST
⑤ LOW
⑥ LOW
3500

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/7/82	1S	4 1/2	1032	1034	1034	1035	1
	1D	9	1032	1034	1034	1037	3
	1V	9	ALL SAND				
	2S	5	1048	1052	1052	1058	6
	2D	9	1048	1116	1116	1200	45
	2V	9	TOP 5 FT SANDY BOT 4 FT CLAY SANDY				
	3S	5	1053	1055	1055	1057	2
	3D	9 1/2	1053	1053 1/2	1053 1/2	1054	1/2
	4S	5	1110	1111	1111	1112	1
	4D	9	1109	1116	1110	1115	5
	4V	12	ALL SAND				
	5V	13	SEE SOIL PROFILE				
	6V	12	ALL SAND				
9/24/82	7V	12 1/2	ALL SAND				

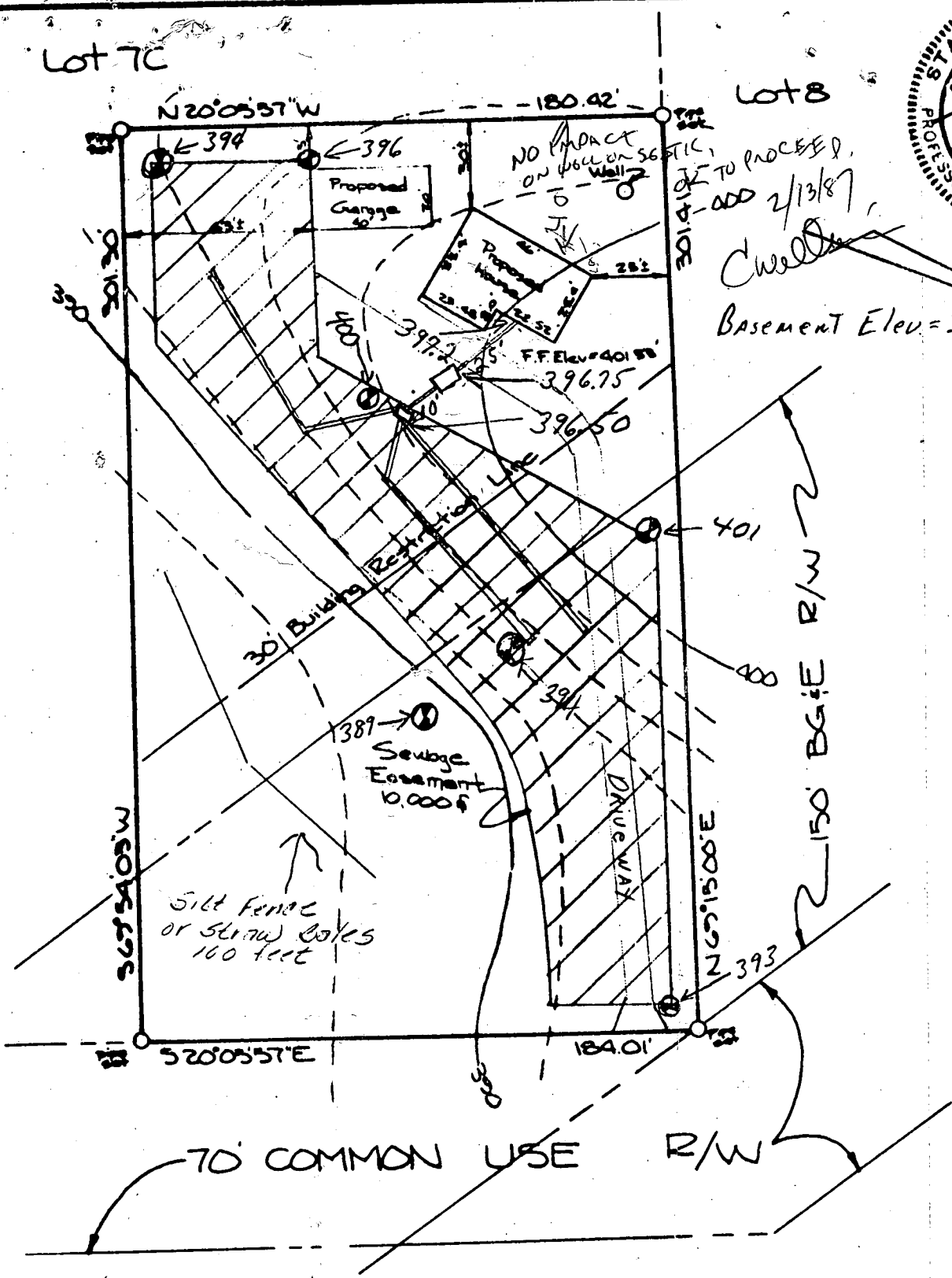
REMARKS TRAPPED WATER IN HOLE ⑤ ABOVE CLAY LAYER NEAR BOTTOM
TYPE OF SOIL HOLES ⑤ ⑥ ABOUT SAME LEVEL

TESTED BY RHODGERS C. HODGINS
ALSO PRESENT O. KETTERMAN FAMILY

ELL-12 1079

Lot 7C

Lot 8



Three Trenches 80' Long and 3' wide

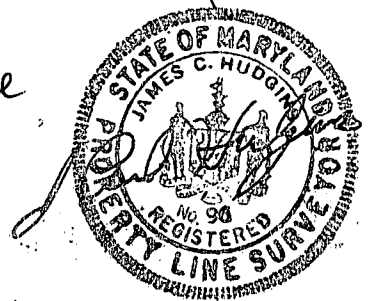
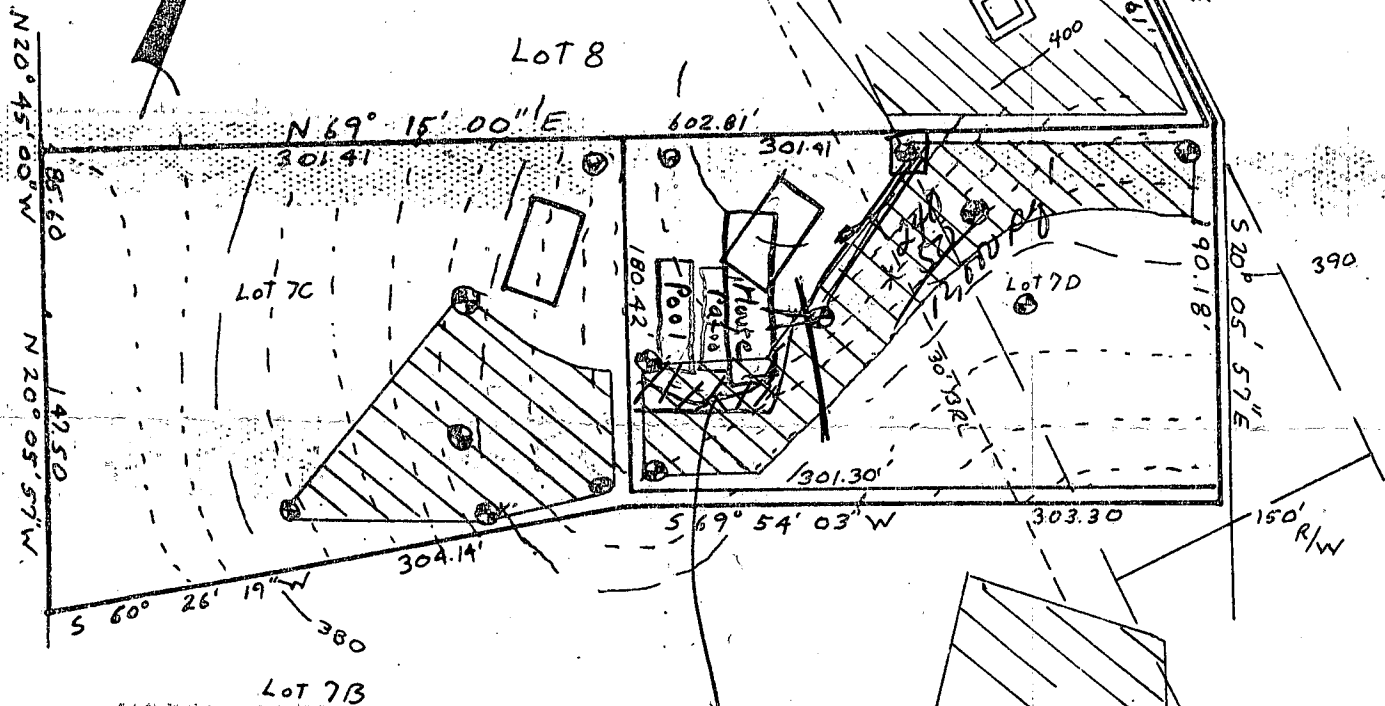
I hereby certify that the plot shown is correct and was prepared from an actual field survey based on a deed recorded Aug. 1, 1983 in Liber 1170, Folio 318

George H. Smith L.S. #2699 1 15 87 Date

Plot Plan Lot 7D
"TALBOTS LAST SHIFT"
1st District, Howard Co. Maryland
Scale: 1"=50'
Jan. 1987

By: MID-ATLANTIC SURVEYS INC.
223 Thelma Avenue
Glen Burnie Maryland 21061

Phone: 301-761-1032



This area designates a private sewage easement of 10,000 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 is 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.

PERCOLATION TEST PLAT

PARCELS 7C & 7D
TALBOT'S LAST SHIFT
PROPERTY OF
LAURIE LEAF
ILCHESTER ROAD

1st Election District
Howard County, Maryland
Scale 1"=100'
Date 9-28-82

APPROVED: For Private Water and Private Sewage Systems

James Boyles
County Health Officer

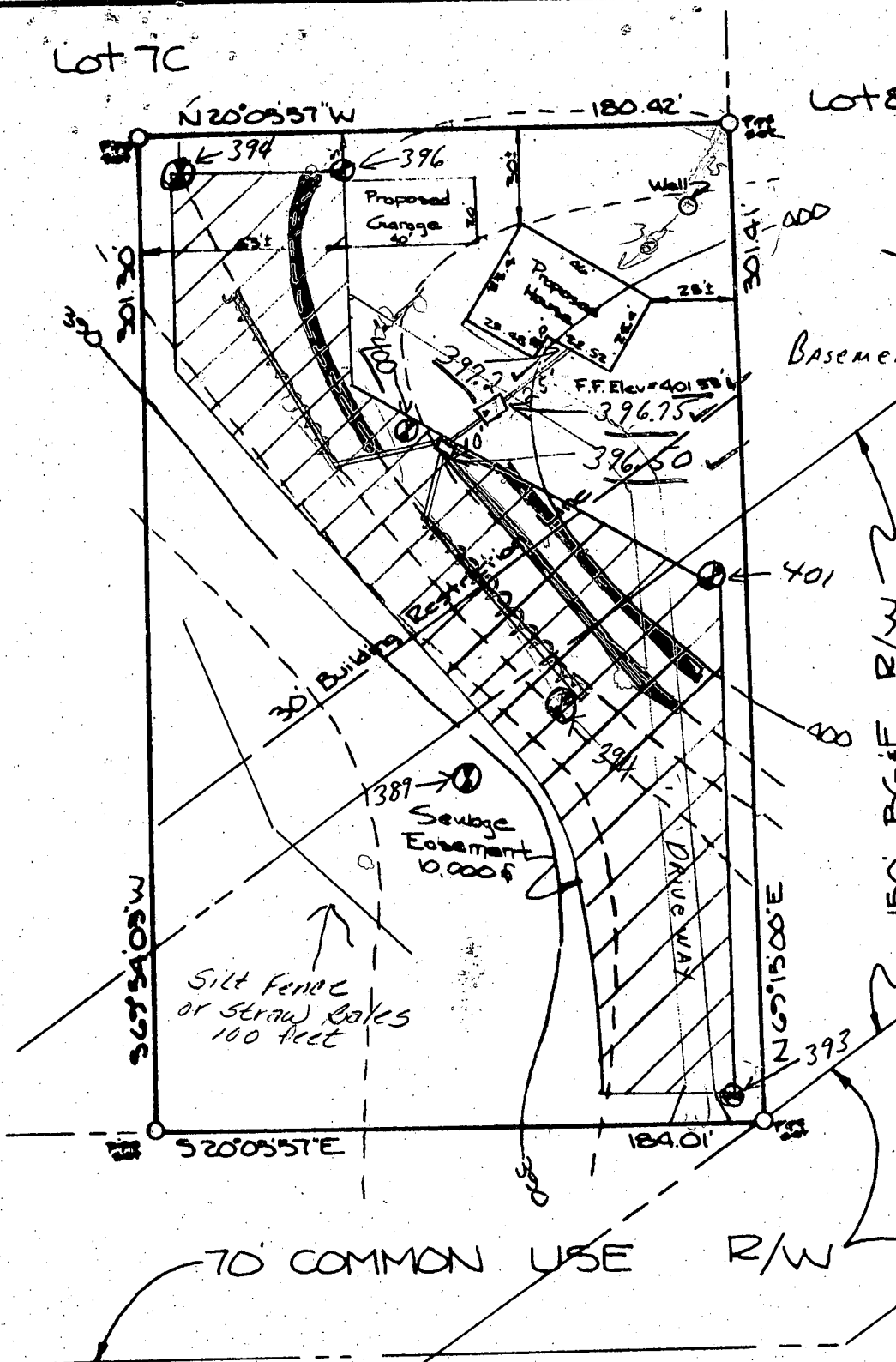
10-14-82

Date

NTT Associates
Suite 307, Clark Bldg.
Columbia, MD 21044
321-0307

Lot 7C

Lot 8



Basement Elev = 392.25

System start location on
fire field on

EXISTING GRADE AT TRENCH
400'
INLET 396.50.

elevations on
1/31/87
S. Abel

BLDG. PERMIT SIGNED
AND RETURNED 1-30-87
S. Abel
BP # 9866

Three trenches 80' long and 3' wide

I hereby certify that the plat shown is
correct and was prepared from an actual
field survey based on a deed recorded
Aug. 1, 1983 in Liber 1179, Folio 318

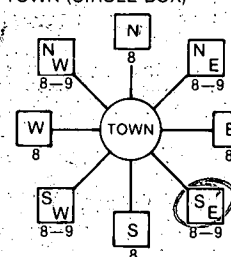
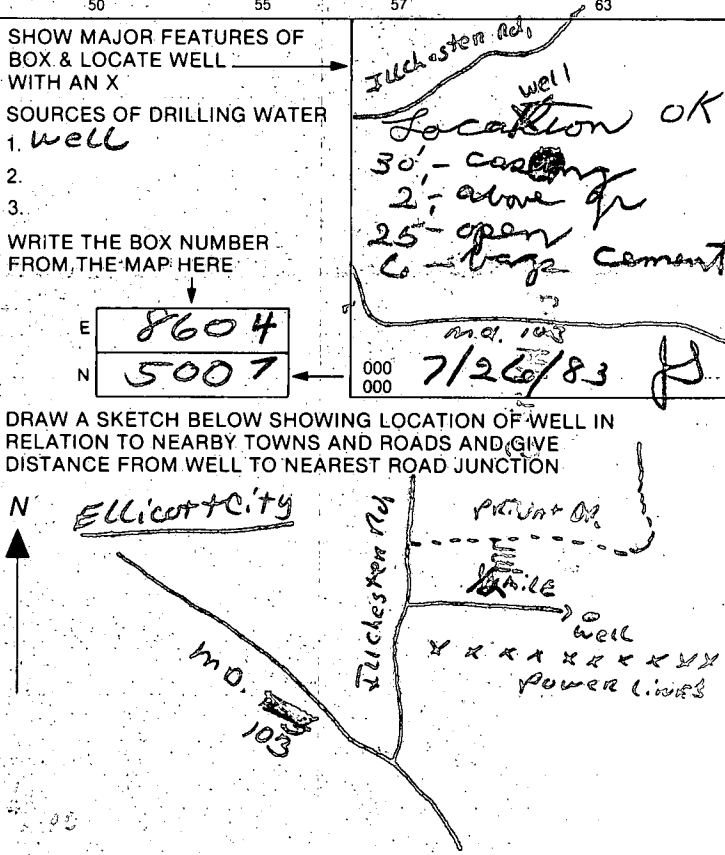
George H. Smith L.S. # 2699

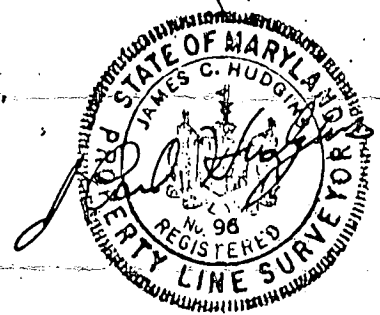
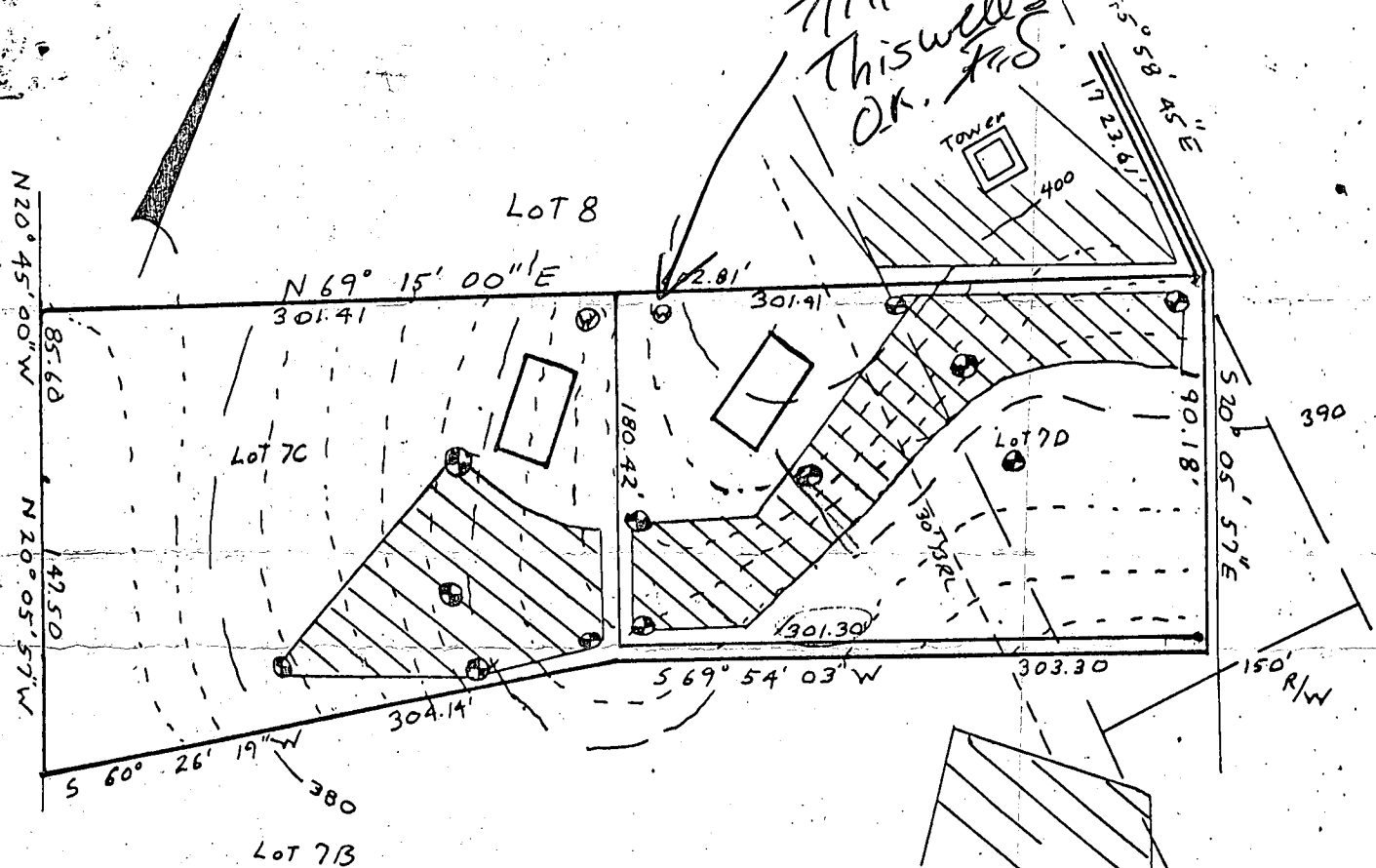
Date

1 15 87

Plot Plan Lot 7D
"TALBOTS LAST SHIFT"
1st District, Howard Co. Maryland
Scale: 1"=50'
Jan. 1987

By: MID-ATLANTIC SURVEYS INC.
223 Thelma Avenue
Glen Burnie Maryland
21061
Phone: 301-761-1032

B 1	7224	SEQUENCE NO. <u>201-85</u> (OEP USE ONLY) <u>345</u> STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER <u>HO-81-0190</u> <small>fill in this form completely</small>
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)			
Date Received <u>3-14 9:00 - 7:00 PM '83</u> OWNER INFORMATION WELLER FREDERICK 219-C PRESTON CT. CATONSVILLE MD 21228		LOCATION OF WELL HOWARD TALBOTS LAST SHIP SECTION 44-46 LOT 48-50 ELLICOTT CITY MILES FROM TOWN (enter 0 if in town) <u>4</u> MI	
DRILLER INFORMATION Ralph MAYNE 9120 Brown Church Rd. Mt. Airy Signature <u>Ralph Mayne</u> Date <u>5/1/83</u>		ILLCHESTER Rd. NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH DISTANCE FROM ROAD <u>2300</u> FT ENTER FT or MI <u>FT</u>	
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <u>5</u> AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>500</u>		DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME OEP SIGNATURE <u>Frank Skerian</u> DATE ISSUED <u>07/14/83</u> COUNTY NO. <u>A 31928</u> STATE HEALTH INSERT S <u>11/14/84</u> NORTH GRID <u>507000</u> EAST GRID <u>0864000</u>	
APPROXIMATE DEPTH OF WELL <u>150</u> FEET APPROXIMATE DIAMETER OF WELL <u>6</u> INCH METHOD OF DRILLING (circle one) BORED (or Augered) <u>AIR-ROTARY</u> JETTED Jettied & DRIVEN CABLE REVERSE-ROTARY DRIVE-POINT		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 <u>8604</u> N <u>5007</u>	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) <u>41</u> <u>52</u>		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 	
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER <u>54</u> <u>GAP</u> <u>63</u> FORCE <u>FS</u> WRITE INITIALS IN BOX PERMIT No. <u>HO-81-0190</u> SPECIAL CONDITIONS			



This area designates a private sewage easement of 10,000 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 is 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.

PERCOLATION TEST PLAT

PARCELS 7C & 7D
TALBOT'S LAST SHIFT
PROPERTY OF
LAURIE LEAF
ILCHESTER ROAD

1st Election District
Howard County, Maryland
Scale 1"=100'
Date 9-28-82

NTT Associates
Suite 307, Clark Bldg.
Columbia, MD 21044
321-0307

APPROVED: For Private Water and Private Sewage Systems

James Boyles
County Health Officer

10-14-82

Date

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0190
Location of property (road) Ilchester Road
Subdivision Talbots Last Sh. ft Lot 7D Block Plat Sec.
Well Driller Ralph Mayne Owner Frederick Weller

Depth of well 200'
Distance of measuring point (M.P.) above ground 2'
Static water level (S.W.L.) below M.P. 25'

I. High rate pumping -- reservoir drawdown

Time pump started 1:45 Pumping rate 9 GPM
Total time 15 min to reach pumping water level 48 ft. below M.P.

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

[illegible]

C1 Q790	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 A 31928	PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-81-0190																														
DATE Received <div style="border: 1px solid black; display: inline-block; width: 40px; height: 20px;"></div>	DATE WELL COMPLETED 072283	Depth of Well <div style="border: 1px solid black; display: inline-block; width: 100px; height: 20px; text-align: center;">200</div> (TO NEAREST FOOT)																															
OWNER Weller STREET OR RFD Ilchester Road SUBDIVISION Talbots Last Shift		Fredrick first name TOWN Ellicott City SECTION - LOT 7-D																															
WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		GROUTING RECORD WELL HAS BEEN GROUTED Y N (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC NO. OF BAGS 6 NO. OF POUNDS 600 GALLONS OF WATER 36 DEPTH OF GROUT SEAL (to nearest foot) from <div style="border: 1px solid black; display: inline-block; width: 40px; height: 20px;"></div> ft. to <div style="border: 1px solid black; display: inline-block; width: 40px; height: 20px; text-align: center;">25</div> ft. (enter 0 if from surface)																															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">DESCRIPTION (Use additional sheets if needed)</th> <th colspan="2">FEET</th> <th rowspan="2">Check if water bearing</th> </tr> <tr> <th>FROM</th> <th>TO</th> </tr> </thead> <tbody> <tr> <td>Top Soil</td> <td>0</td> <td>2</td> <td></td> </tr> <tr> <td>Sandy</td> <td>2</td> <td>20</td> <td></td> </tr> <tr> <td>Sand Stone</td> <td>20</td> <td>35</td> <td>✓</td> </tr> <tr> <td>Micka</td> <td>35</td> <td>50</td> <td></td> </tr> <tr> <td>Sand Stone</td> <td>50</td> <td>55</td> <td>✓</td> </tr> <tr> <td>Micka</td> <td>55</td> <td>200</td> <td></td> </tr> </tbody> </table>		DESCRIPTION (Use additional sheets if needed)	FEET		Check if water bearing	FROM	TO	Top Soil	0	2		Sandy	2	20		Sand Stone	20	35	✓	Micka	35	50		Sand Stone	50	55	✓	Micka	55	200		CASING RECORD casing types insert appropriate code below <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> ST STEEL </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> CO CONCRETE </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> PL PLASTIC </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> OT OTHER </div> </div> MAIN Nominal diameter Total depth CASING top (main) casing of main casing TYPE (nearest inch) (nearest foot) <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> PL 60 61 </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> 6 63 64 </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> 30 65 70 </div> </div>	
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OTHER CASING (if used) diameter depth (feet) inch from to <div style="border: 1px solid black; display: inline-block; width: 40px; height: 20px;"></div> <div style="border: 1px solid black; display: inline-block; width: 40px; height: 20px;"></div>		PUMPING TEST HOURS PUMPED (nearest hour) 6 PUMPING RATE (gal. per min. to nearest gal.) 2 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 25 WHEN PUMPING 200 TYPE OF PUMP USED (for test) A air P piston T turbine C centrifugal R rotary O other (describe below) J jet S submersible																															
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		PUMP INSTALLED DRILLER WILL INSTALL PUMP YES NO (CIRCLE) (YES or 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) 3 PUMP HORSE POWER 3 PUMP COLUMN LENGTH (nearest ft.) 43 CASING HEIGHT (circle appropriate box and enter casing height) + above } LAND SURFACE - below } 2 (nearest foot)																															
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.		SCREEN RECORD screen type or open hole insert appropriate code below <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> ST STEEL </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> BR BRASS </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> HO OPEN HOLE </div> </div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; text-align: center;"> PL PLASTIC </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> OT OTHER </div> </div>																															
DRILLERS IDENT. NO. 223 DRILLERS SIGNATURE Ralph E. Mayne (MUST MATCH SIGNATURE ON APPLICATION)		GRAVEL PACK from to IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 68 OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T 70 (E.R.O.S.) 72 WQ 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA																															
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)		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) <div style="text-align: center;"> Road 125' 30' well </div>																															

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Page of
Date 7/16/43

Review Revised 8/1/43
1-20-87

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-0190
Location of property (road) Ilchester Road
Subdivision Talbots Lost Shift Lot 7D Block Plat Sec.
Well Driller Ralph Mayne Owner Fredrick Weller

Depth of well 200 ft
Distance of measuring point (M.P.) above ground 2 ft
Static water level (S.W.L.) below M.P. 25 ft

I. High rate pumping -- reservoir drawdown

Time pump started 1:45 Pumping rate 2 G.P.M.
Total time 15 min to reach pumping water level 48 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 4 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
2:00	48 ft	30 sec	—	2 G.P.M.
2:15	48 ft	30 sec	—	2 G.P.M.
2:30	48 ft	30 sec	—	2 G.P.M.
2:45	48 ft	30 sec	—	2 G.P.M.
3:00	48 ft	30 sec	—	2 G.P.M.
3:15	48 ft	30 sec	—	2 G.P.M.
3:30	48 ft	30 sec	—	2 G.P.M.
3:45	48 ft	30 sec	—	2 G.P.M.
4:00	48 ft	30 sec	—	2 G.P.M.
4:15	48 ft	30 sec	—	2 G.P.M.
4:30	48 ft	30 sec	—	2 G.P.M.
4:45	48 ft	30 sec	—	2 G.P.M.
5:00	48 ft	30 sec	—	2 G.P.M.
5:15	48 ft	30 sec	—	2 G.P.M.
5:30	48 ft	30 sec	—	2 G.P.M.
5:45	48 ft	30 sec	—	2 G.P.M.
6:00	48 ft	30 sec	—	2 G.P.M.
6:15	48 ft	30 sec	—	2 G.P.M.
6:30	48 ft	30 sec	—	2 G.P.M.
6:45	48 ft	30 sec	—	2 G.P.M.
7:00	48 ft	30 sec	—	2 G.P.M.
7:15	48 ft	30 sec	—	2 G.P.M.
7:30	48 ft	30 sec	—	2 G.P.M.
7:45	48 ft	30 sec	—	2 G.P.M.

8:00 30 sec 200 ft 45 min 30 sec 2 G.P.M.
6 bags 25 min

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

Howard County Health Department
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Court House Square
Ellicott City, Md. 21043
461-9933

3-NO

New Installation ☒
Replacement ☐

Receipt # 38968
Date MARCH 26, 1987

Name of Installer CORNWELL Plumbing & Heating

Telephone 988-9221

License number 3853

Certified Well Pump Installer ☐ Well Driller ☐ Registered Plumber ☒

Name of Property Owner RICHARD E. WICKHAM Telephone 747-0013

Subdivision TALBOTT CHURCH Lot # 7D Well tag # HO-81-0190

Site Address 5192 TALBOTT CHURCH
ELICOTT CITY MD

Pump

1. Type
 - a. Deep well jet ☐
 - b. Shallow well jet ☐
 - c. Submersible ☒

Motor

1. Horsepower 1/2
2. RPM ☐
3. Voltage ☐
 - a. 110 ☐
 - b. 220 ☒

Pitless Adapter

1. Make ☐
2. Model # ☐
3. Depth ☐

2. Make McDonald

3. Model # ☐

4. Capacity 10 GPM

5. Pump exceeds well capacity Yes ☐ No ☒

6. If Yes, is low pressure cutoff switch installed? Yes ☐ No ☒

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ☐ Cable guards ☐ Other ☐

Tank

1. Capacity ☐
2. Pressure relief valve? 75

Piping

1. Type Rly blue
2. Size 1"
3. NSF and/or BOCA Code approved ☐
4. Depth of supply line ☐

Well data

1. Depth 200 ft.
2. Yield ☐ GPM
3. Static water level ☐ ft.
4. Will water supply be disinfected by installer? ☒

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

All information given above is true to the best of my knowledge.

Signature of Applicant: Mark Cornwell

Date: March 26, 1987

4/22/87 WELL PUMP
INSTALLATION
IS OK BUT WELL ONLY 16 FT FROM HOUSE

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.

Talked to Mr. Cornwell