

7/25/86  
1:30 PM

7/25/86  
OFFICE

7/23  
house  
connection  
needed

# PERMIT

P 37352

A 30781

## SEWAGE DISPOSAL SYSTEM

### MARYLAND STATE DEPARTMENT OF HEALTH

#### HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

X 992-2330

461-9933

01-185136

INDEXED

#### ELLICOTT CITY

DISTRICT

DATE 1st

Paul Schissler

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, MD 21157 PHONE 875-4197

SUBDIVISION Talbot's Last Shift ROAD 5257 Talbots Landing Rd 5061 Flecheater Road LOT 9A

PROPERTY OWNER Mark West

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 - 158 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Start the trench at perc hole (1) located 170 feet from the 879.30 ft. long lot line and 20 feet from the 361.62 ft. long lot line. Run the trenches toward the 383.18 ft. long lot line along level ground. Keep the trench and tank at least 100 feet from the well.

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. R/CW

PLANS APPROVED BY Raymond Hodges DATE 2/05/86

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.

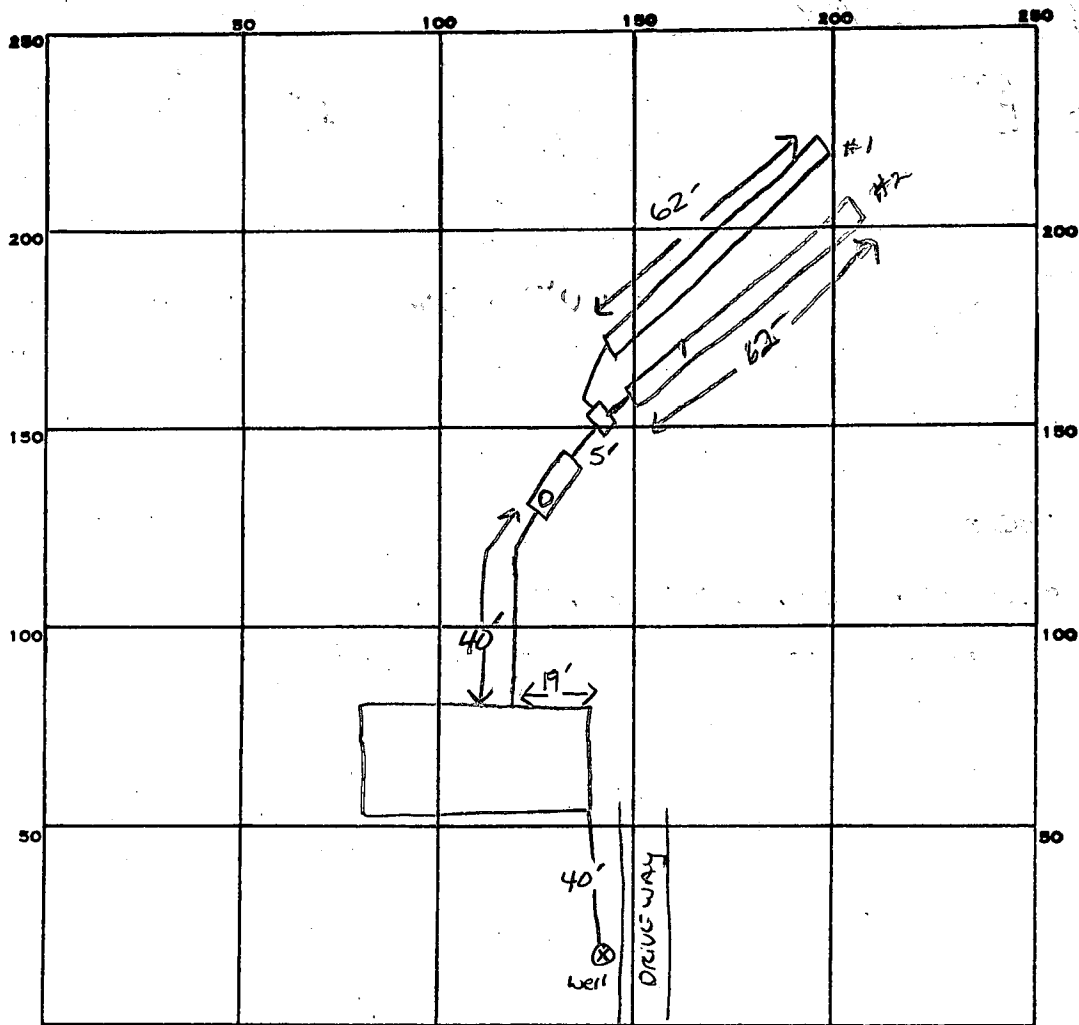
BLDG. PERMIT SIGNED  
TWO RETURNED  
5/16/86  
Serial # 37910  
Pro.

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 30781



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ✓ cond

SEPTIC TANK, LEVEL ✓ 1500 GAL

CLEANOUTS ✓ ST

DISTRIBUTION BOX, LEVEL ✓

TILE FIELD, DEPTH ① 8' ② 8' FT. TRENCH WIDTH 2 FT. INLET 3

GRAVEL DEPTH ① 5' ② 5' IN. TOTAL LENGTH ① 62' ② 62' FT.

NUMBER OF TRENCHES 2 ONE SIDE WALL TOTAL BOTTOM AREA ① 310 ② 310 (short by 2')

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

ABSORBENT AREA 625 SQ. FT.

REMARKS 7/22/86 OK TO COVER TRENCH #1 AND TANK TO W/IN 4' OF HOUSE - NEED CONNECTION

S. Abel 7-23-86 OK TO ADD STAKE TO #2 TRENCH. S. Abel

7/23/86 OK to cover trench #2, slightly < than originally required but OK'D NO house connection yet, no final fill made

DATE SYSTEM APPROVED

7/23/86

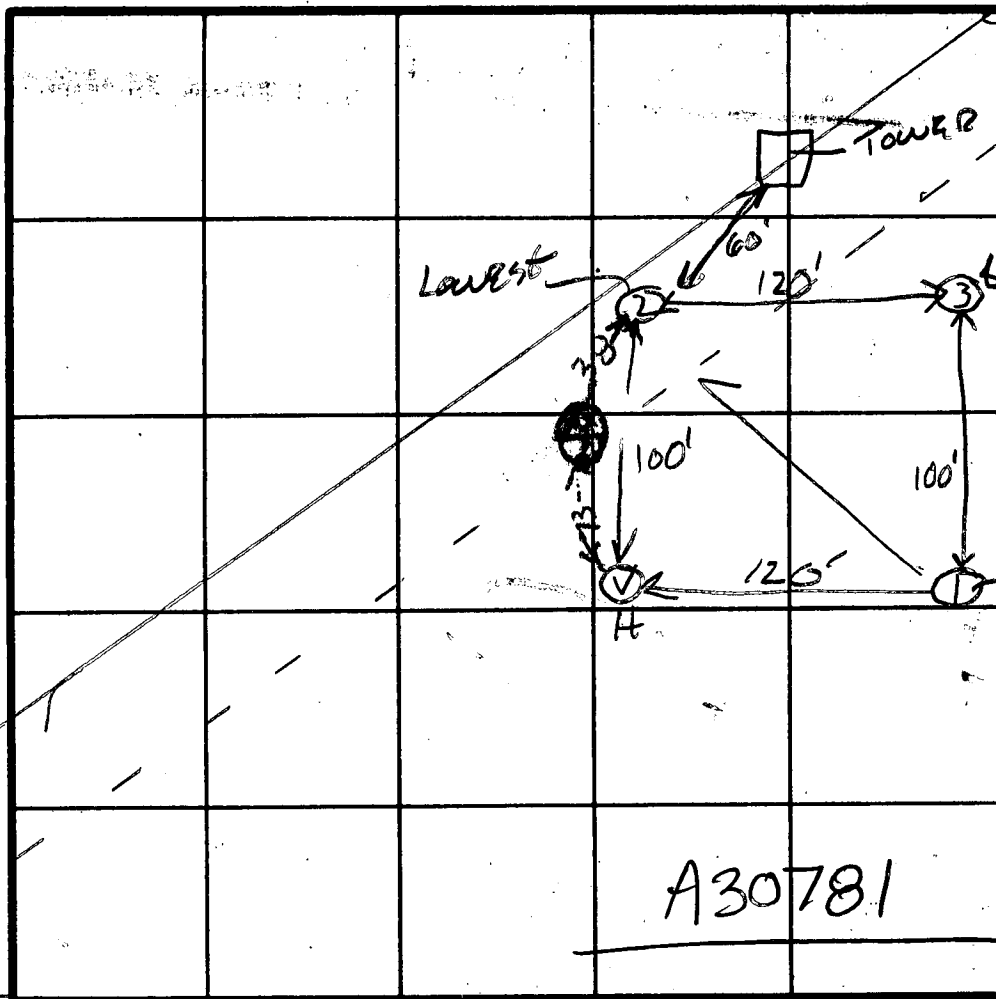
INSPECTOR

B. Draper

LOT 9A

SOIL PROFILE

0'



Power Line R/W

FIELD SHEET

TEST PER STAKE

Highest

A30781

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/14/80	1S	3'	1:45	1:47	1:47	1:50	3min
	1D	12'	1:45	1:46	1:46	1:50	4min
	2S	3 1/2'	1:47	1:57	1:57	Slack	PERC
	2D	12'	1:47	1:49	1:49	1:51	2min
	3S	4'	2:00	2:03	2:03	2:07	4min
	3D	12'	2:00	2:02	2:02	2:07	5min
	V	12'					
7/21/80	4S	5 1/2'	238	248	248	259	11
	4D	12 1/2'	239	251	251	308	17

REMARKS CORN FIELD 6' high, NO Lot LINES

TYPE OF SOIL

TESTED BY

SKF JS RH

ALSO PRESENT

Kellerman 7/21/80

**HOUSE:**

FIRST FLOOR 466.0  
BASEMENT 457.0  
INVERT 458.15

**SEPTIC TANK:**

EXISTING GRADE 461.3  
PROPOSED GRADE 461.8  
INVERT IN 457.91  
INVERT OUT 457.66

**DISTRIBUTION BOX:**

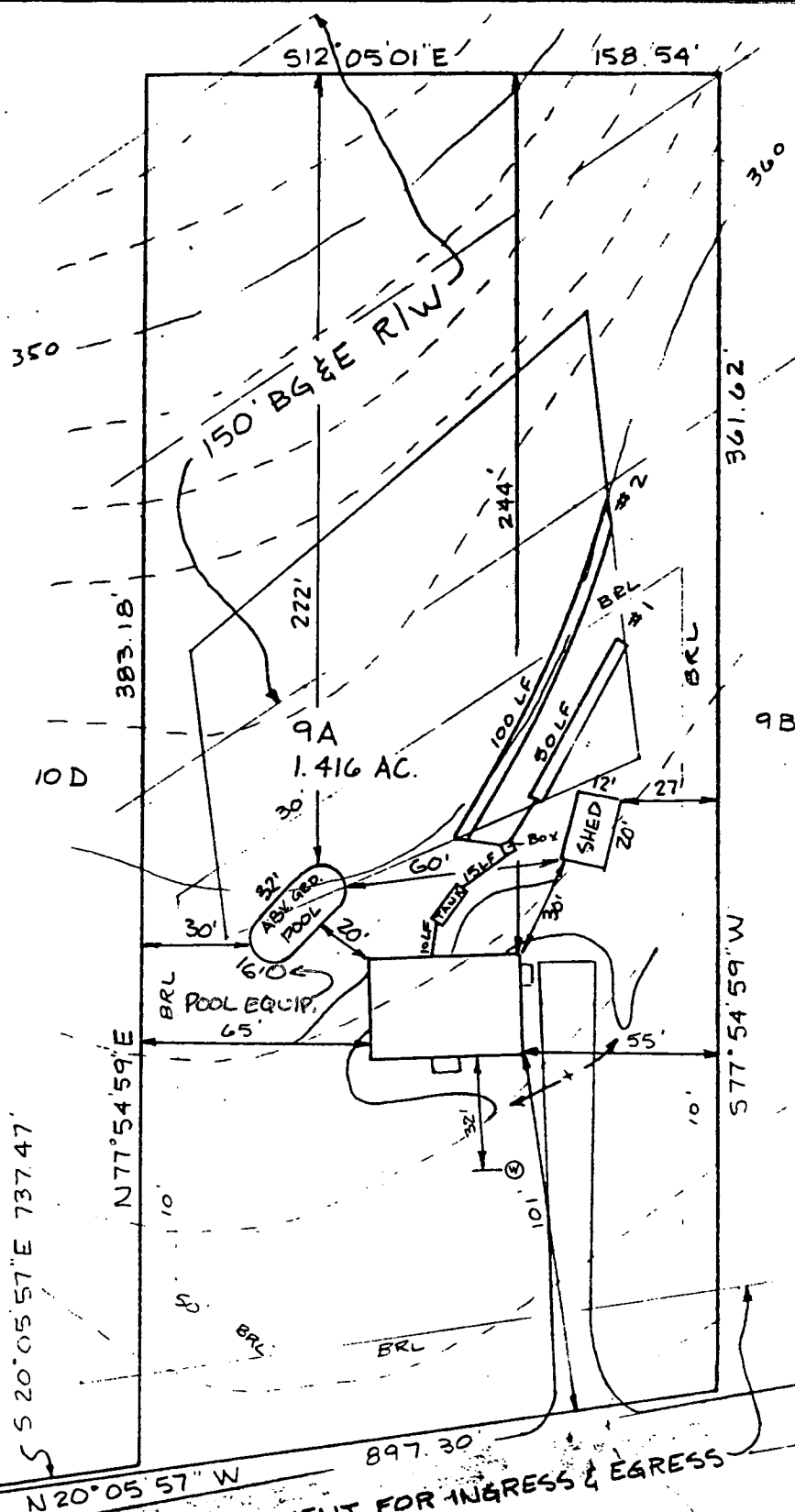
EXISTING GRADE 461.0  
INVERT IN 457.5  
INVERT OUT 457.4

**TRENCHES:**

	#1	#2
EXISTING GRADE	460.8	460.0
INVERT	457.3	456.8
BOTTOM	452.3	451.8
STONE	5.0	5.0
WIDTH	2.0	2.0
LENGTH	50.0	100.0

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

J. Carl Hudgins



TILLCHESTER ROAD

S45°58'45"E  
1724.28

S22°50'00"E  
975.63

N45°58'45"W  
1724.26

N22°50'00"W  
976.16

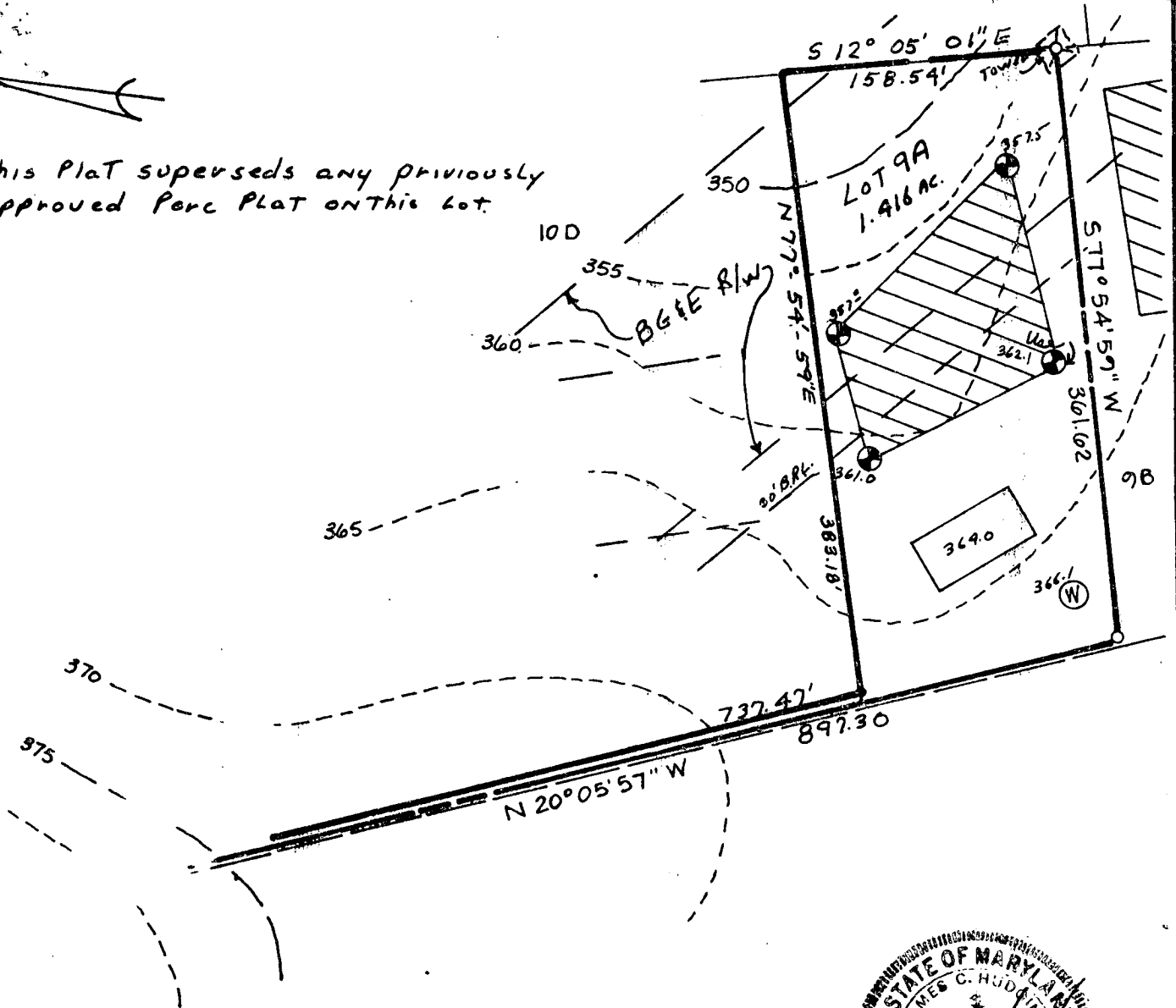
L=0.54'  
R=674.50'


5/15/91  
PLANS OK  
RH

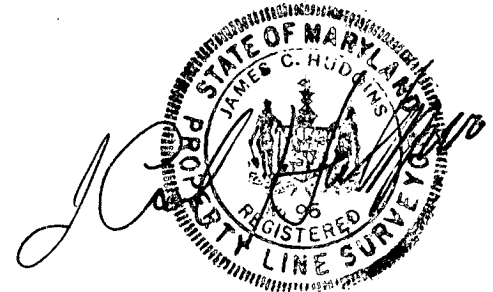
PLOT PLAN  
PARCEL 9A

TALBOT'S LAST SHIFT  
1st ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE 1"=50' DATE 3/3/86  
TAX MAP 31 PARCEL 693

This Plat supersedes any previously approved Perc Plat on this lot.



 This area indicates a private easement of approximately 10,000 square feet as required by the Maryland State Department of Health and Mental Hygiene for individual disposal. Improvements of any kind in this area are restricted until public sewage is available and servicing any residential structures constructed on this site. This easement shall become null and void upon connection to a public sewage system. 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  
PARCEL 9A  
TALBOT'S LAST SHIFT  
PROPERTY OF  
HOWARD ASSOCIATES  
ILCHESTER ROAD  
1st Election District  
Howard County Maryland  
Scale: 1"=100' Date: 9-12-81

APPROVED: For Private Water and Private Sewage Systems

  
COUNTY HEALTH OFFICER

9-17-81  
Date

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

C1 9474  
(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 30781

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO.  
FROM "PERMIT TO DRILL WELL"

8 13

030785

22 292 26  
(TO NEAREST FOOT)

40-81-0881  
28 29 30 31 32 33 34 35 36 37

OWNER West last name Mark first name A.  
STREET OR RFD Ellicott City TOWN Ellicott City  
SUBDIVISION TRABOTS last shift SECTION 9A LOT 9A

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	
Dirt	0	1	
Clay	1	18	
Brown Mica	18	45	
Brown Mica	45	46	X
Blue Sandstone	46	258	
Fracture	258	259	X
White Sandstone	259	292	

GROUTING RECORD

WELL HAS BEEN GROUTED  
(Circle Appropriate Box)

yes no  
Y N  
44 44

TYPE OF GROUTING MATERIAL

CEMENT CM BENTONITE CLAY BC  
45 45 46 46

NO. OF BAGS 14 NO. OF POUNDS 1316

GALLONS OF WATER 84

DEPTH OF GROUT SEAL (to nearest foot)  
from 0 ft. to 46.8 ft.  
48 TOP 52 54 BOTTOM 58  
(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below  
ST CO  
STEEL CONCRETE  
PL OT  
PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)  
S T 6 47.8  
60 61 63 64 66 67 68 69 70

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

SCREEN RECORD

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

C2  
1 2  
DEPTH (nearest ft.)  
1 HO 47.8 292  
8 9 11 15 17 21  
2 23 24 26 30 32 36  
3 38 39 41 45 47 51  
EACH SCREEN

SLOT SIZE 1 2 3  
DIAMETER OF SCREEN (NEAREST INCH)  
56 60

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.) WQ  
70 72 74 75 76  
TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3  
8 9  
PUMPING RATE (gal. per min. to nearest gal.) 15  
11 15  
METHOD USED TO MEASURE PUMPING RATE Submersible  
WATER LEVEL (distance from land surface)  
BEFORE PUMPING 35  
17 20  
WHEN PUMPING 64  
22 25  
TYPE OF PUMP USED (for test)  
A air P piston T turbine  
27 27 27  
C centrifugal R rotary O other (describe below)  
27 27 27  
J jet S submersible  
27 27

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) 31 35  
PUMP HORSE POWER 37 41  
PUMP COLUMN LENGTH (nearest ft.) 43 47  
CASING HEIGHT (circle appropriate box and enter casing height)  
+ above } LAND SURFACE  
- below } (nearest foot)  
49 50 51

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)

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 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. 256

DRILLERS SIGNATURE  
(MUST MATCH SIGNATURE ON APPLICATION)

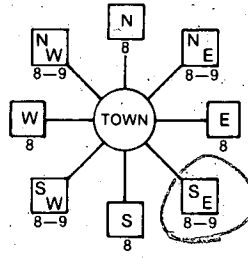
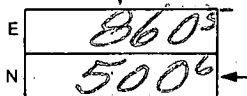
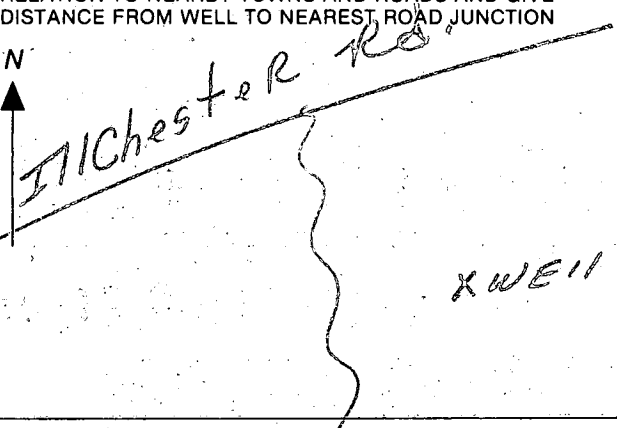
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

HEALTH

2/28/85

Review 3/20/85 O.K. F.S.

[illegible]

<b>B 1</b>		<b>6620</b>	SEQUENCE NO. (OEP USE ONLY)	<b>STATE OF MARYLAND</b> <b>PERMIT TO DRILL WELL</b> please print or type		OEP PERMIT NUMBER <b>HO-81-0881</b> <small>fill in this form completely</small>	
<small>THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS</small>							
<b>Date Received</b> <u>3/1/85</u> <u>9:30 A.M.</u>				<b>B 3</b> LOCATION OF WELL <u>R-34911</u> <u>30.00</u>			
<b>OWNER INFORMATION</b> <b>WEST MARK A</b> 15 Last Name      Owner      First Name <b>1050 ROCK HILL AVE</b> 36 Street or RFD <b>BALTIMORE</b> <b>MD 21229</b> 57 Town      70 State 72      Zip      76				<b>B 3</b> LOCATION OF WELL <u>R-34911</u> <u>30.00</u> <b>HOWARD</b> 8 COUNTY <b>TAIBOTS LAST SHIFT</b> 23 SUBDIVISION SECTION      LOT <u>99</u> <b>ELLICOTT CITY</b> 52 NEAREST TOWN MILES FROM TOWN (enter 0 if in town) <u>5</u> MI 73      76-77 78			
<b>DRILLER INFORMATION</b> <b>DANA KYKER JR. II</b> <u>256</u> Driller's Name      77 License No. 80 <b>WESTM. ROTARY WELL DRILLING, INC.</b> Firm Name <b>Box 861, WESTM. MD. 21157</b> Address <b>Dana Kyker Jr. II 1/21/85</b> Signature      Date				<b>B 4</b> DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <b>ZICHCHESTER</b> 11      30 NORTH N W 32 E WEST SOUTH ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 34 <u>30</u> 37 DISTANCE FROM ROAD ENTER FT or MI <u>FT</u> 38 39			
<b>B 2</b> WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) <u>5</u> 8      12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) <u>350</u> 14      20				<b>USE FOR WATER (CIRCLE APPROPRIATE BOX)</b> <input checked="" type="checkbox"/> D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)			
APPROXIMATE DEPTH OF WELL <u>275</u> FEET 24      28				NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL <b>HOWARD</b> <u>A 30781</u> COUNTY NAME      COUNTY NO. OEP      STATE HEALTH SIGNATURE      INSERT S DATE ISSUED <u>02/1/85</u> <u>L. Stanger</u> <u>8/11/85</u> 43      48 CO SIGNATURE      EXP. DATE NORTH GRID <u>506000</u> EAST GRID <u>0865000</u> 50      55      57      63			
APPROXIMATE DIAMETER OF WELL <u>6"</u> NEAREST INCH				SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. <u>CITY</u> 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE.  E <u>8603</u> N <u>5006</u>			
<b>METHOD OF DRILLING (circle one)</b> BORED (or Augered)      JETTED      Jetted & DRIVEN 30 <u>AIR-ROTary</u> AIR-PERCussion      ROTARY (Hydraulic Rotary) 37 <u>CABLE</u> REVERSE-ROTary      Drive-POINT other _____				Location of well <u>47' casing</u> <u>14 bags cement</u> <u>No present during</u> <u>3/1/85</u> <u>JS</u>			
<b>REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)</b> <input checked="" type="checkbox"/> N THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="checkbox"/> S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> D THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) 41 _____ 52				DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION  N <u>ZICHCHESTER Rd.</u> <u>X WELL</u>			
<b>Not to be filled in by driller (OEP USE ONLY)</b> APPROP. PERMIT NUMBER _____ GAP _____ 54      63 FORCE <u>JS</u> WRITE INITIALS IN BOX PERMIT No. <u>HO-81-0881</u> 67 68      70 71 72 73 74 75 76 77 78 79							
SPECIAL CONDITIONS							