

~~4/4/84~~  
Approved WDAW  
4/6/84  
Date R.M. - 2nd Dept.

~~3/28/85~~ W.P.L.  
4/12/85  
3/28/85 House Connection

APPROVED  
4/3/85  
P 33719  
A 32764  
R/H

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

ELLICOTT CITY  
DISTRICT 4th  
DATE 3/28/84

05-360846

INDEXED

Robert L. Orndorff IS PERMITTED TO INSTALL  ALTER   
ADDRESS 7469 Flamewood Drive, Clarksville, Md. 21029 PHONE 776-0444  
SUBDIVISION (Morgan property) ROAD 13540 Route 108 LOT 10  
PROPERTY OWNER R. Scott Duncan

ADDRESS 6376 Shadowshape Place, Columbia, Md. 21045 Phone: 997-5179

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 ft. wide. Inlet 3 1/2 ft. below original grade. Bottom maximum depth 8 1/2 ft. below original grade. Effective area begins at 3 1/2 ft. below original grade. 5 feet of stone below distribution pipe. Staff first trench at highest perc hole which is located 120 ft. from the right property line and 375 ft. from the front lot line as seen when facing property from Route 108. No trench to exceed 100 ft. in length. If more than one trench is used, a distribution box is required. Trenches to be installed on level ground. Call for inspection of trench before gravel is installed.

PLANS APPROVED BY Craig Williams DATE 5/18/83

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 APPROVAL ON THIS PERMIT**

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

A 32764



# APPLICATION

*Prep.*  
*5/18/83*  
*9:30 A.M.*

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 32764

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 5<sup>th</sup>

DATE May 13, 1983

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 Robert Lewis R. Scott Duncan

ADDRESS ~~12503 Clendenning Dr. TAMPA, FLA. 33624~~ PHONE ~~813-963-0918~~

PROPERTY LOCATION: 6376 Shadowshape Place, Columbia, Md. 21045 997-5179

SUBDIVISION TEKENIK (MORGAN PROPERTY) LOT NO. 10

ROAD AND DESCRIPTION ~~off Route 108 just driveway on right after~~  
Bayfield Estates - lot on left 13540 Route 108

SIZE OF LOT 5.0 TYPE BLDG. 2 STORY 5 bedrooms  
(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. Lois A. Ghyms for Robert Lewis  
(SIGNATURE OF APPLICANT)

APPROVED BY @ Wilton FOR TRENCHES DATE 5-18-83

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

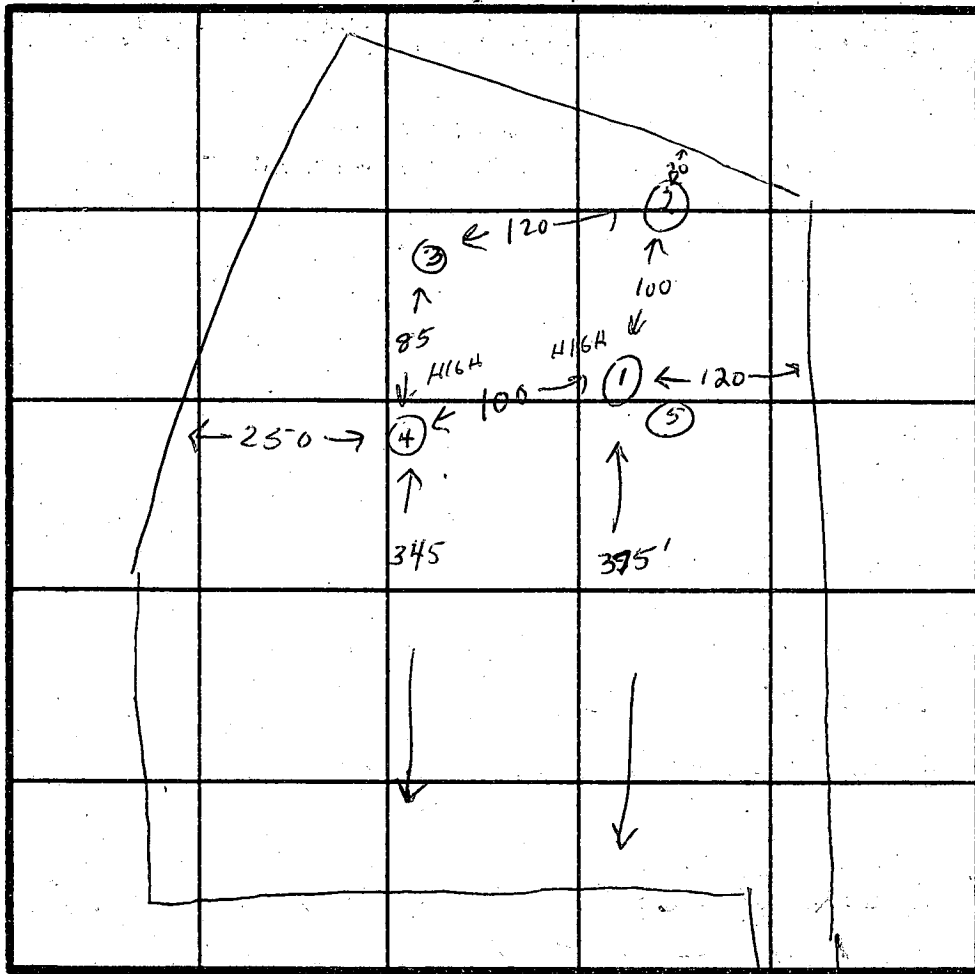
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

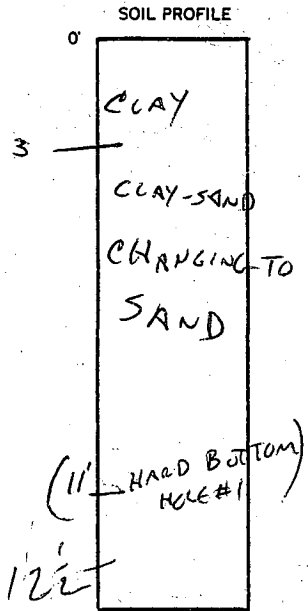
# THIS IS NOT A PERMIT

HOLES 1-4

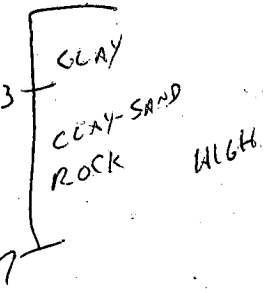


INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RT 108



HOLE 5



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-18-83	1	3 1/2" 7 1/2"	10:09	10:10	10:10	10:12	2 MIN
		11	HARD BOTTOM				
5-18-83	2	3 1/2" 8 1/2"	10:12	10:15	10:15	10:18	3 MIN
		12 1/2"					
5-18-83	3	3 1/2" 8 1/2"	10:14	10:19	10:19	10:27	8 MIN
		12 1/2"					
5-18-83	4	3 1/2" 8 1/2"	SAND				
		12 1/2"					
5-18-83	5	7'	ROCK				

REMARKS \_\_\_\_\_

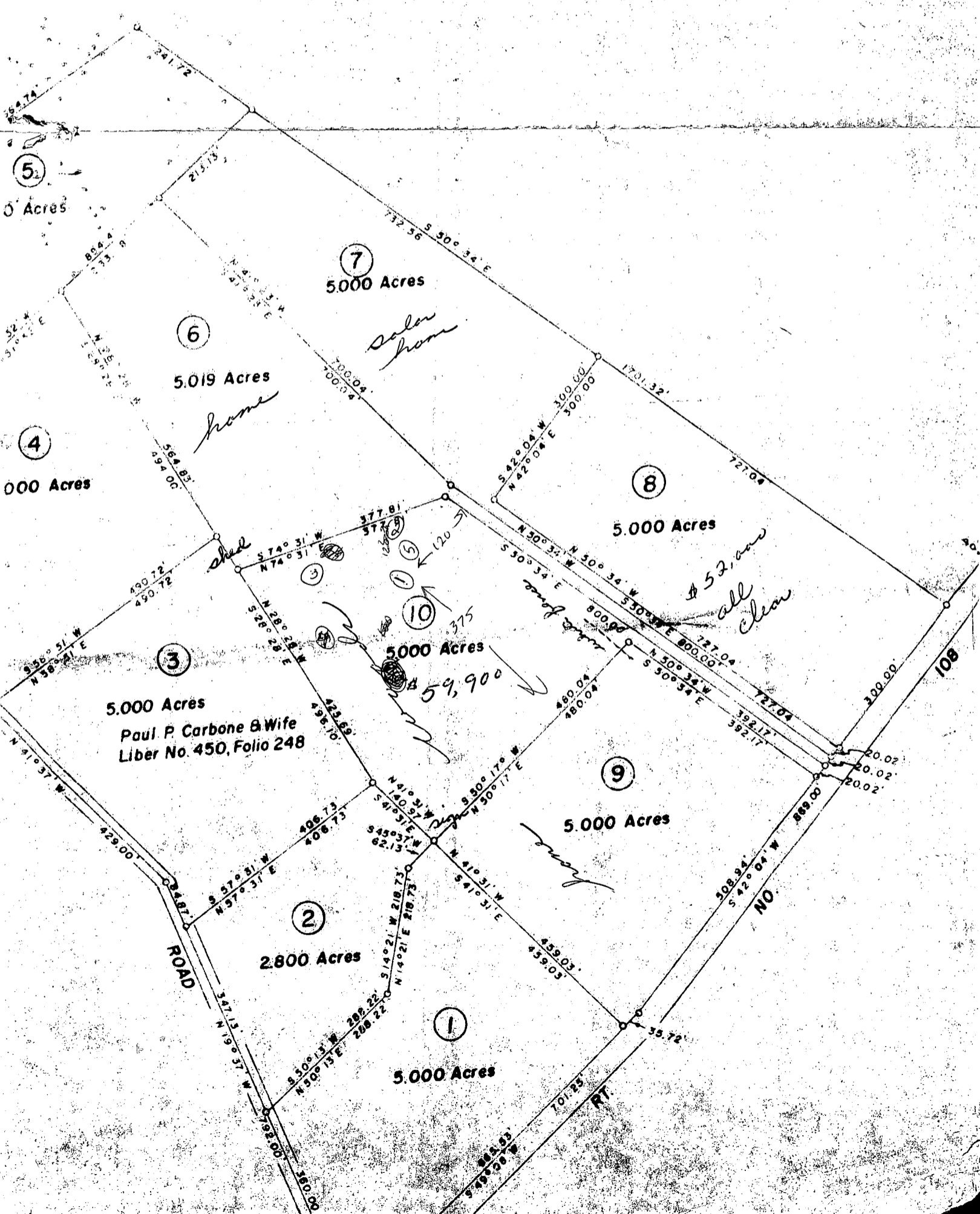
TYPE OF SOIL CLAY TO 3' THEN SAND

TESTED BY C. Wilman

ALSO PRESENT SKIP + FRANK CAROLE GLYNJ

EH-12-1079

Lawle A. Shym  
854-0051



B 1 **7334** SEQUENCE NO. (OEP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 2-6 ON ALL CARDS)

STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 11/14/83  
 9:30 A.M. please print or type

OEP PERMIT NUMBER  
**HO-81-0306**  
 fill in this form completely

Date Received **101083**  
 OWNER INFORMATION  
 DUNCAN SCOTT R  
 6376 SHADOWS HAPE PL.  
 COLUMBIA MD 21043

B 3 LOCATION OF WELL  
 HOWARD COUNTY  
 TERENIK SUBDIVISION  
 SECTION 44 46 LOT 10 48 50  
 HIGHLAND NEAREST TOWN  
 MILES FROM TOWN (enter 0 if in town) **7/10** MI

DRILLER INFORMATION  
 Joseph H. Wayne  
 238 License No. 80  
 Joseph H. Wayne  
 5512 Ridge Rd. Mt Airy Md.  
 Joseph H. Wayne oct 10, 83

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
 Ms 108 Clarksville pike  
 NEAR WHAT ROAD  
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
 DISTANCE FROM ROAD **620** FT  
 ENTER FT or MI

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

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 32764 COUNTY NO.  
 OEP SIGNATURE Frank Skinner  
 DATE ISSUED 4/18/84  
 NORTH GRID 488000 EAST GRID 0810000

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)  
 BORED (or Augered) JETTED Jetted & DRIVEN  
 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)  
 CABLE REVerse-ROTary DRive-POINT  
 other

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 810 0  
 N 480 8  
 000 11/14/83

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)

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  
 Brooks rd  
 Home  
 Wood  
 Highland  
 Md. 108 Clarksville pike

Not to be filled in by driller (OEP USE ONLY)  
 APPROP. PERMIT NUMBER GAP  
 FORCE FS PERMIT NO. HO-81-0306

SPECIAL CONDITIONS



**C1** **0850**  
 (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 **A32764**

DATE Received        
 DATE WELL COMPLETED **1/1/48**  
 Depth of Well **203** (TO NEAREST FOOT)  
 PERMIT NO. FROM "PERMIT TO DRILL WELL" **40-81-0306**

OWNER **Duncan Scott**  
 last name first name  
 STREET OR RFD **Md. Rt. 108** TOWN **Highland**  
 SUBDIVISION **Tekenik** SECTION **10** LOT **10**

**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	
Brown Shale	0	37	
Gray mica Rock	37	203	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
 TYPE OF GROUTING MATERIAL  
 CEMENT **CM** BENTONITE CLAY **BC**  
 NO. OF BAGS **12** NO. OF POUNDS **1128**  
 GALLONS OF WATER **72**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **39** ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
**ST** **CO**  
 STEEL CONCRETE  
**PL** **OT**  
 PLASTIC OTHER  
 MAIN Nominal diameter Total depth  
 CASING top (main) casing of main casing  
 TYPE (nearest inch) (nearest foot)  
**S+** **6** **42**  
 60 61 63 64 66 67 70

**OTHER CASING** (if used)  
 diameter depth (feet)  
 inch 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**  
 DEPTH (nearest ft.)  
 EACH SCREEN  
**H0** **41** **203**  
 8 9 11 15 17 21  
 23 24 26 30 32 36  
 38 39 41 45 47 51  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH)  
 56 60

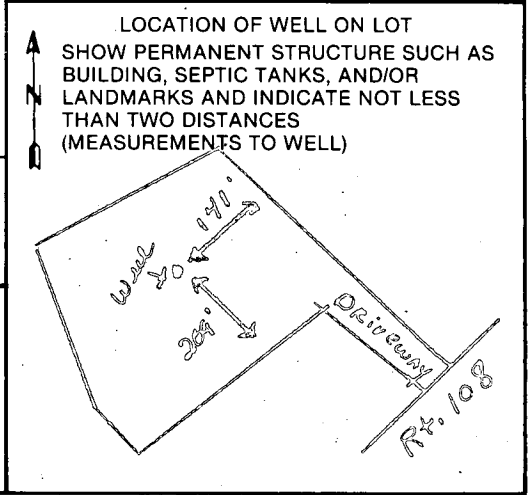
GRAVEL PACK from to  
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

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

**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **7**  
 METHOD USED TO MEASURE PUMPING RATE **bucket**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **25**  
 WHEN PUMPING **100**  
 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 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 (nearest foot)  
**-** below } **7** (nearest foot)  
 49 50 51

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. **238**  
**Joseph L. Mayne**  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

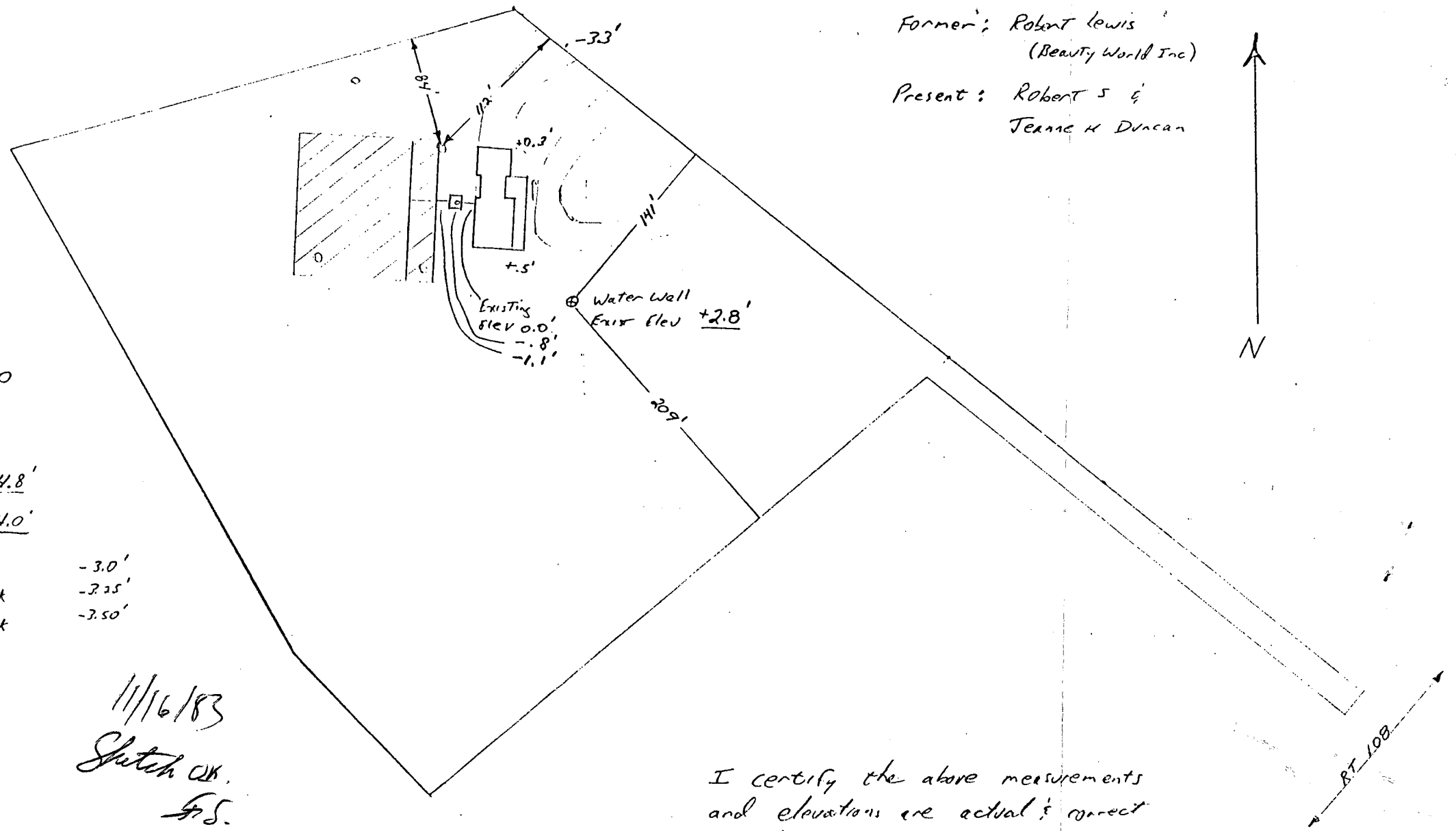




OWNER

Former: Robert Lewis  
(Beauty World Inc)

Present: Robert S &  
Jeanne H Duncan



13540 RT 108  
Highland MD 20777

A 32764  
Tekenik lot 10

House  
1<sup>st</sup> floor elev +4.8'  
basement elev -4.0'

INV Elev out of house -3.0'  
INV Elev into septic tank -3.25'  
INV Elev out of septic tank -3.50'

11/16/83  
Sketch OK.  
R.S.

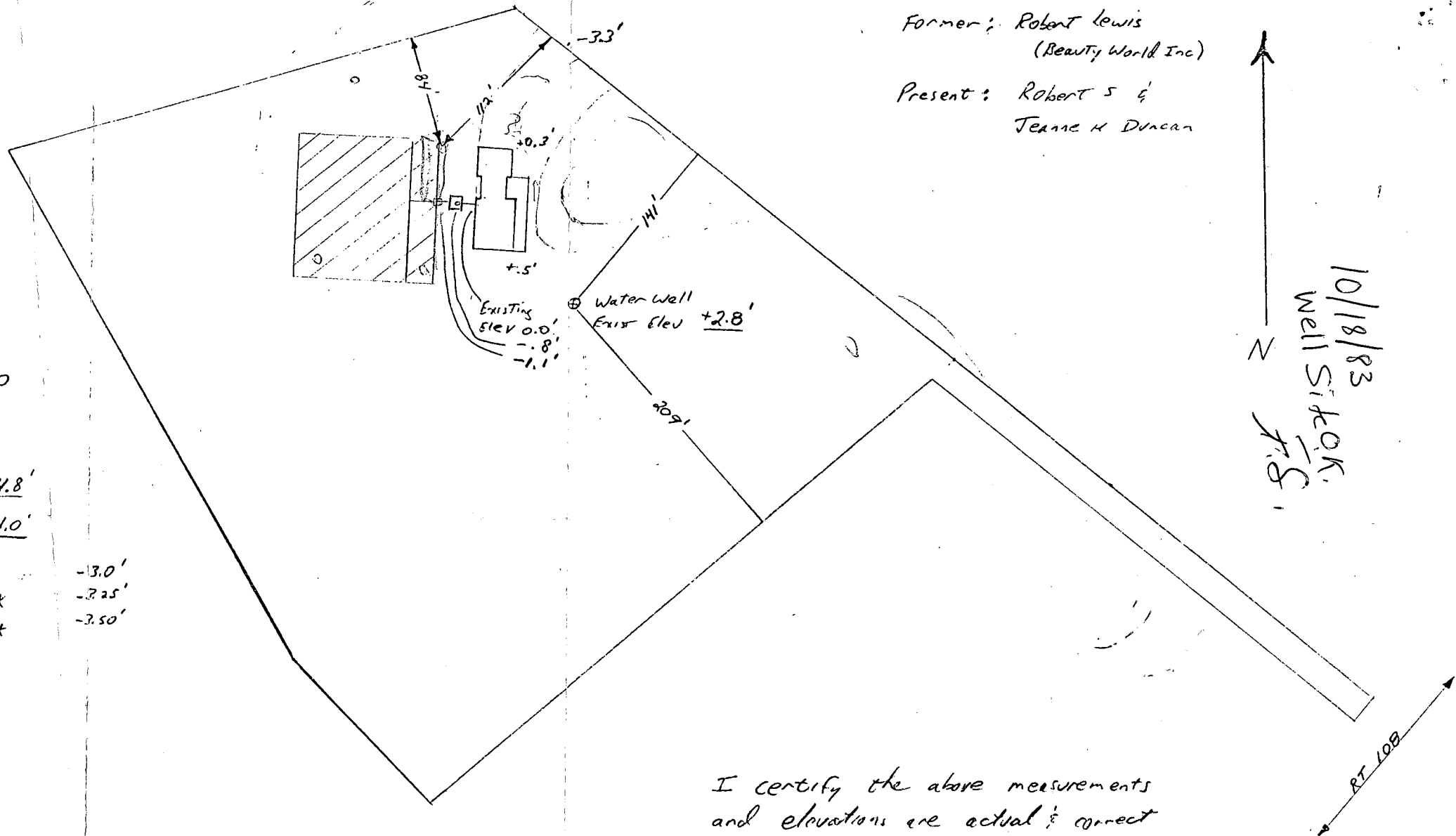
I certify the above measurements  
and elevations are actual & correct  
for this property.

R S Duncan

OWNER

Former: Robert Lewis  
(Beauty World Inc)

Present: Robert S &  
Jeanne H Duncan



13540 RT 108  
Highland Md 20777

A 32764

Tekenik lot 10

House

1<sup>st</sup> floor elev +4.8'

basement elev -4.0'

INV Elev out of house -3.0'

INV Elev into septic tank -3.25'

INV Elev out of septic tank -3.50'

10/18/83  
Well Site OK.  
J.S.

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

R S Duncan