9/8/00 Latepm C.O.
9/20/00 House Com. PM 299

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

### PERMIT

### SEWAGE DISPOSAL SYSTEM

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

ISSUE DATE 8/22/2000

P 5 14 203

A\_57610-J

MDEXEL 410-313-2640

APPROVAL DATE 10/24/00

	10 DEDMITTED TO MOTALL
SK Backhoe & Septic Service	IS PERMITTED TO INSTALL _x ALTER
ADDRESS 1220 FSK Highway, Keymar, MD 21757	PHONE 410-775-0562
SUBDIVISION Spring Hollow LOT NUMBER of	ADDRESS 17116 Spring Hollow Court
PROPERTY OWNER Brent Johnson PROPER	TY OWNER'S ADDRESS 15108 Kalmia Drive
SEPTIC TANK CAPACITY 1250 GALLONS	Laurel, MD 20707
PUMP CHAMBER CAPACITY GALLONS *** TOP	SEAMED SEPTIC TANK REQUIRED ***
NUMBER OF BEDROOMS4	• • • • • • • • • • • • • • • • • • • •
SQUARE FEET PER BEDROOM 210	
LINEAR FEET OF TRENCH REQUIRED 280	
RENCHES: Trenches to be 3 feet wide. Inlet 2 feet be	
4 feet below original grade. 2 feet of stone b	
OCATION: Beginning from the intersection of the	
trenches 180 feet up the 315.77' lot line and 45 fee on contour toward the rear (136.60') lot line. 7/	
The state of the s	. U100 01- AQ
PLANS APPROVED Amy McMillen	DATE 4/21/2000
PERMIT VOID AFTER 2 YEARS	
NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION	ON INSPECTION FOR ALL INSTALLATIONS
NOTE: TOP OF SEPTIC TANKS ARE TO BE NO DEEPER THAN 3.0 FEET BELOW	V FINISH GRADE
NOTE: WATERTIGHT SEPTIC TANKS REQUIRED	
NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90 ARE NOT ACCEPTABLE	* SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS
NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX, DRA OTHERWISE SPECIFICALLY AUTHORIZED	INFIELDS) TO BE 100 FEET FROM ANY WATER WELL UNLESS
NOTE: NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH UNLESS:	SPECIFICALLY AUTHORIZED
NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SC	HEDULE 35/40 PVC OR ABS
NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHA	MBERS

NOTE: IF PUMPED SEPTIC SYSTEM REQUIRED, (1) SEPTIC PUMP DETAIL TO BE PROVIDED BY INSTALLER PRIOR TO ISSUANCE OF SEPTIC PERMIT (2) PUMP PERFORMANCE TEST IS NECESSARY PRIOR TO HEALTH DEPARTMENT APPROVAL OF SEPTIC PERMIT

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

H 57610-J

	100 / 45 / 40°	
	40'	
PPA PRE-CONSTRUC	rédd Accessy Man Court	

TRENCH DATA
TRENCH WIDTH 3.0
TRENCH INLET DEPTH _2.01
TRENCH BOTTOM DEPTH 4.0'
DEPTH OF STONE
NUMBER OF TRENCHES 3
TOTAL TRENCH LENGTH 285'
ABSORBENT AREA 855 Ag. ft.
DISTRIBUTION BOX LEVEL OK
BAFFLE IN DISTRIBUTION BOX Yes

SEPTIC TANK DATA
SEPTIC TANK 1250 TS GALLONS
MANHOLE RISER Yes
6 INCH INSPECTION PORT Yes
BUND CHAMBER DATA N/A
PUMP CHAMBER GALLONS
MANHOLE RISER
ALARM
PUMP PERFORMANCE TEST

	Heges 2	<b>ラスア</b> 丁			
PRE-CONSTRUCTION IN	SPECTION:				
<del></del>	<u> </u>				
INSPECTION COMMENT	15: 9/8/00 Everyth	lina satia	factory. O.	K. to cover.	Final
approval pending 9/20/00 bull to weil Ho	ng verification	of Louse	e connection	BB	·
9/20/00 pull to verily He	un connection, No info	2 plunting wo	ulis and recent	the executed hole	A have bee
is again full of theld pro	nyesterlais lain HP 9	20/00			
10/20/00 Hous	e connection m.	ade A			
	· .				•
INSPECTOR	124/00		DATE SYSTEM	APPROVED A	M' Mell

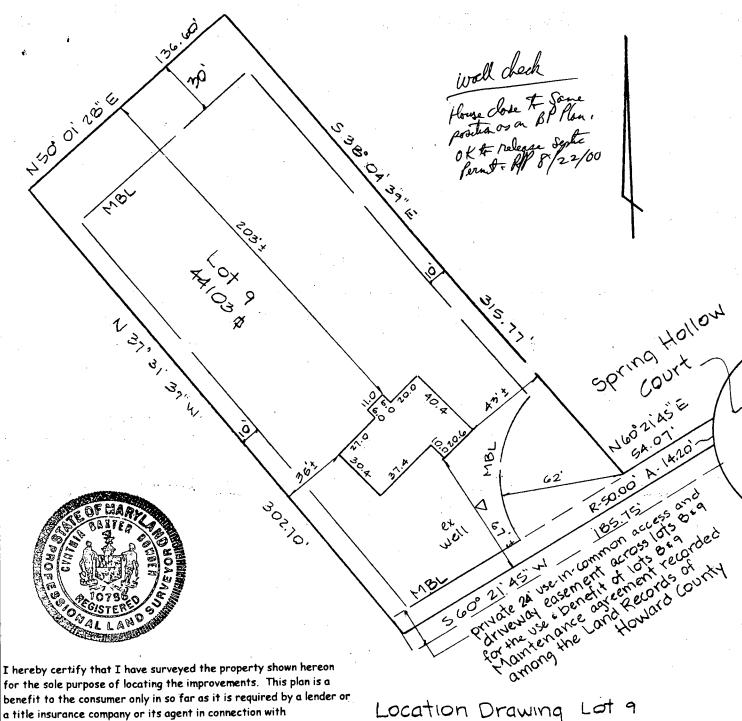
1/00 pm 87/28/00 pm

#### HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH WATER AND SEWERAGE PROGRAM TEL: (410)313-2640 FAX: (410)313-2648

### Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired

inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well
Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.
Company Name: ARKSAN Plvn Ojng TNZ Telephone #: 301 595-1891
Address: 7926 BENNEDT BRANCH RU
(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:  Name (Print): \( \text{PENGON} \) \( \text{Maco} \) \( \text{Maco} \) \( \text{License#} \) \( \text{License#} \)
*A licensed individual must perform the actual installation. Apprentices must be under the direct
supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be
subjected to field verification.
Name of Property Owner: BNEWT JO HWSOW Telephone #: 301 362 5791
Subdivision: SPOING HALLON, Tot# 7 Well Tag# HO A 4 - 2 - 2
Site Address: 17114 Spene Hallo) Ch
Mt. April 21771
Submersible Pump Data  ## Pitless Adapter Well Cap and Electric Conduit    Well Cap and Electric Conduit    Well Cap and Electric Conduit   Well Cap and Elect
Make: Govide Two piece watertight cap: V
Model #: 7GSO7422 Model#: Screened, vented well cap:
Pump Capacity GPM Depth: 43" (36" min) Cap secured to casing:
Well Yield: 304 GPM NSF approved: Conduit min 18" B.G.: Conduit min 18" B.G.:
Depth of well encountered at time of pump installation: \\(\frac{\chi_5}{\chi_5}\) (feet) Conduit secured to well cap:
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required – Must circle one Safety rope, if used, attached to inside of well casing with eye bolt
Sincery tope, it used, attached to inside of well casing with eye not 100
Piping to house House Connection
Type: 1" Polyathylane PVC sleeved to undisturbed soil at wall penetration:
DSTOOD (160 -ri -ris)
Depth of supply line: \(\frac{1}{12}\)(36" min)  Approximate length of sleeve: \(\frac{1}{2}\)(26\)  Sleeve caulked and sealed properly: \(\frac{1}{2}\)(26\)(00\)  OUT \(\frac{1}{2}\)
The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping,
distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for
approval prior to installation.
Dood, I cold Subrell Mountain
Signature of company representative responsible for installation date
For Health Department Use Only - Not to be completed by Installer
Date Insp. Requested: 11/6/2000 Date Insp. Approved: 7/20/00/
Inspection Data: Pitless adapter and water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope installed inside of well casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter



I hereby certify that I have surveyed the property shown hereon for the sole purpose of locating the improvements. This plan is a benefit to the consumer only in so far as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing or refinancing. It is not to be relied upon for the establishment of boundary, easement or right-of-way lines for any reason, such as the location of fences, garages, buildings, or other existing or future improvements.

By Cynthia B. Bowden, Professional Land Surveyor No. 10786

The improvements shown hereon lie within Flood Hazard Zone "C" (area of minimal flooding), as designated on National Flood Insurance Program Flood Insurance Rate Map, Panel 7 of 45 Community Panel Number 240044/0045 B Prepared by the Federal Emergency Management Agency.

Location Drawing Lot 9
Spring Hollow

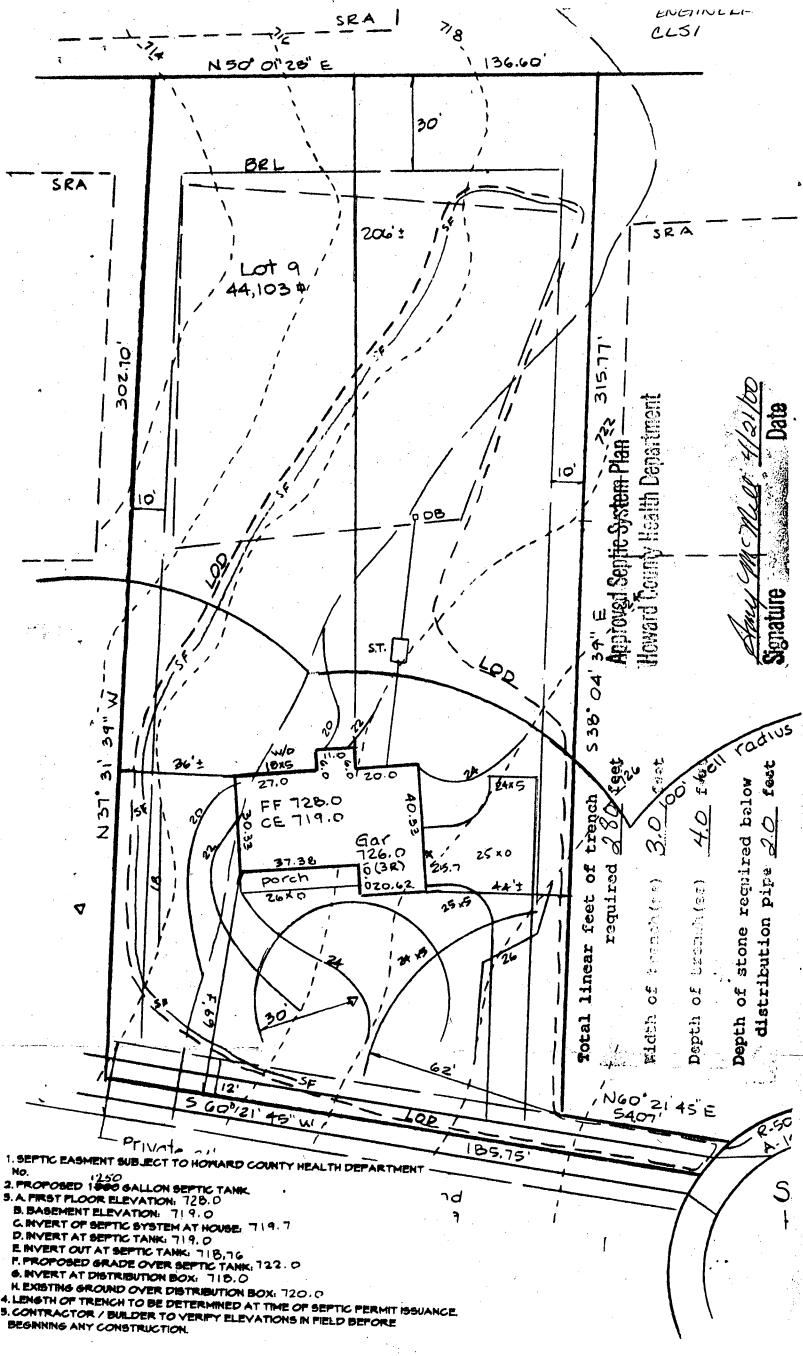
4th election district
Howard County, 110

plat no. 13772



Carroll Land Services
in corporate ted
Engineers \* Surveyors \* Land Development Consultants
Landscape Architects \* Environmental Specialists
439 East Main Street Westminster, MD 21157-5539
(410) 876-2017 FAX (410) 876-0009

DRAIN BY: CBB
DESIGN BY:
REVIEW BY: CBB
DATE: 6-13-00
SCALE: 11= 50'
JOB NO: 99167 A
SWET: ) OF



# APPLICATION

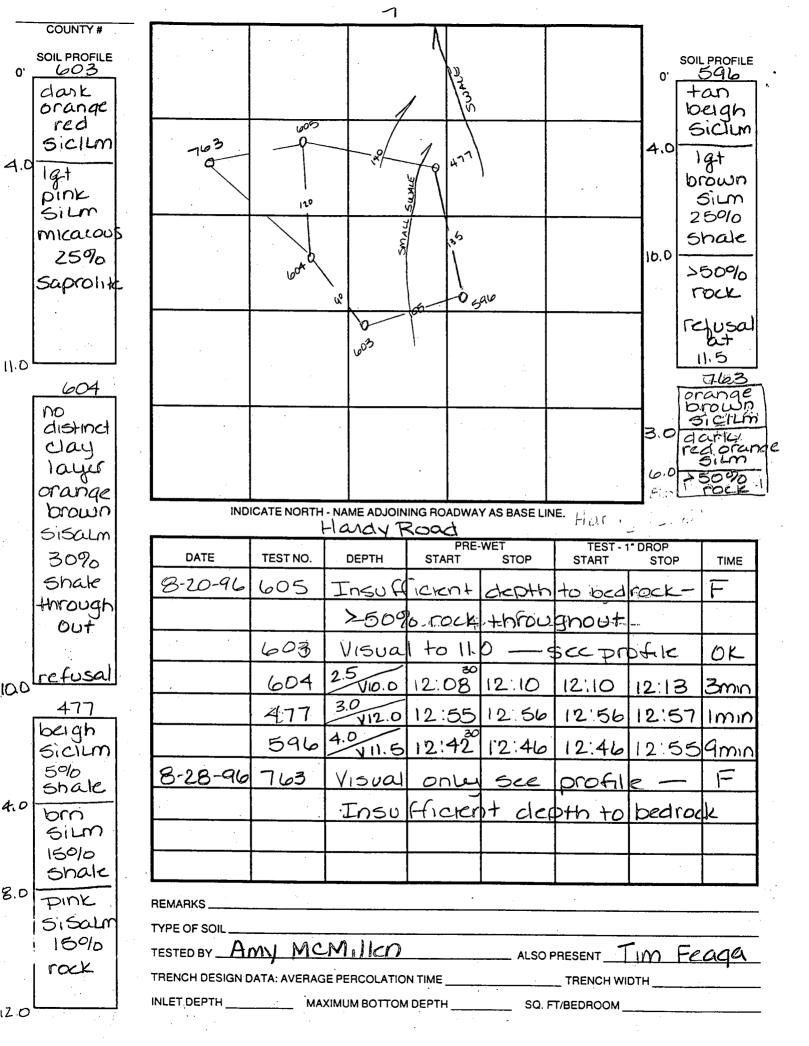
PERCOLATION TESTING

HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH DISTRICT \_ PO BOX 476 ELLICOTT CITY, MARYLAND 21043 **TELEPHONE 461-9933** THE COUNTY HEALTH OFFICER ELLICOTT CITY, MARYLAND I. HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM Lambert Cissel \_ PHONE \_\_\_\_\_(410) 442-5671 ADDRESS 3425 Hipsley Mill Road, Woodbine, MD 21797 PROSPECTIVE BUYER Developer, Land Marketing Consultants, Inc., Timothy W. Feaga 3243 Bethany Lane, Ellicott City, MD 21042 (410) 313-8808 PROPERTY LOCATION: Cissel Property Intersection of Hardy & St. Michael's Road 394, 4, 341, 144 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 MOSHA REQUIREMENTS IN TESTING THIS LOT. HOLD PENDING FURTHER TESTS

THIS IS NOT A PERMIT

ID-216

REASONS FOR REJECTION OR HOLDING



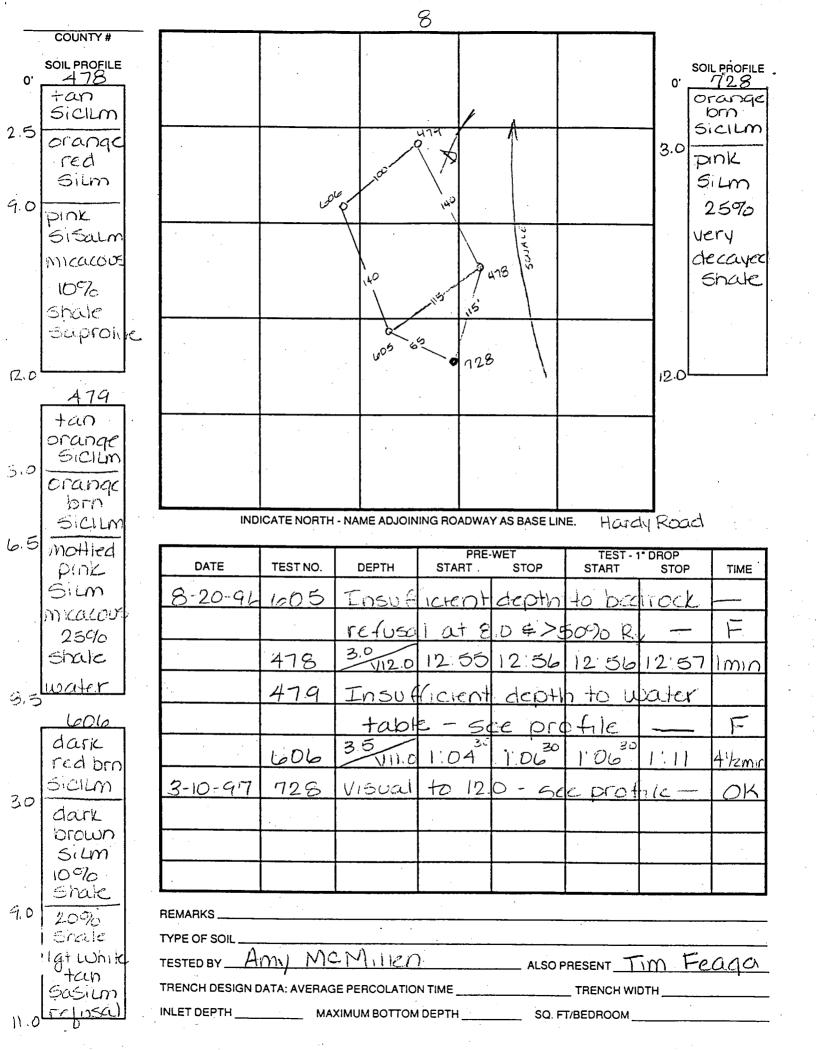
# APPLICATION

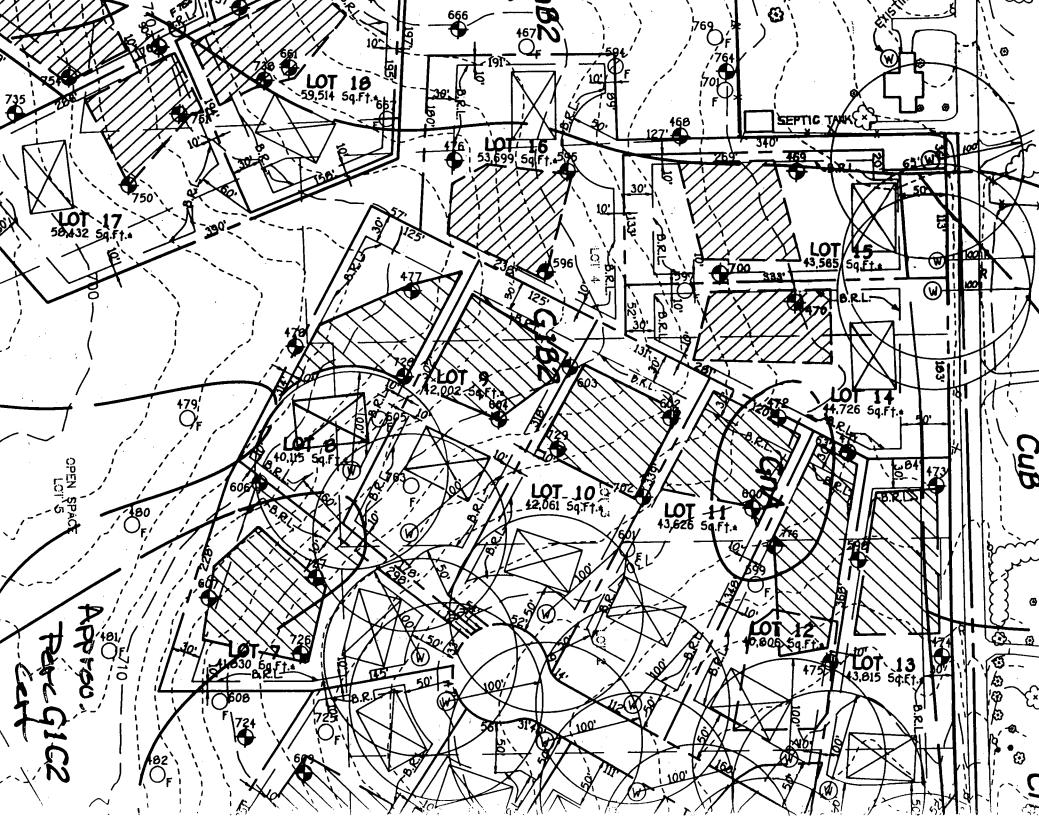
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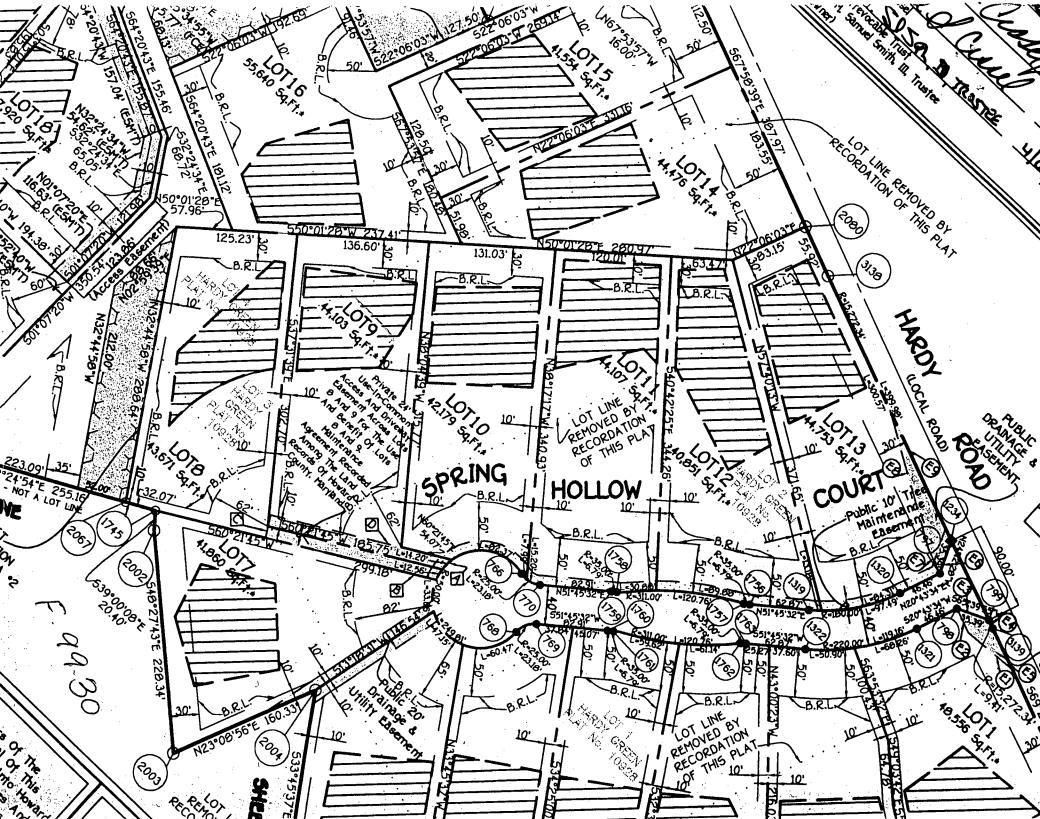
)-216

## THIS IS NOT A PERMIT

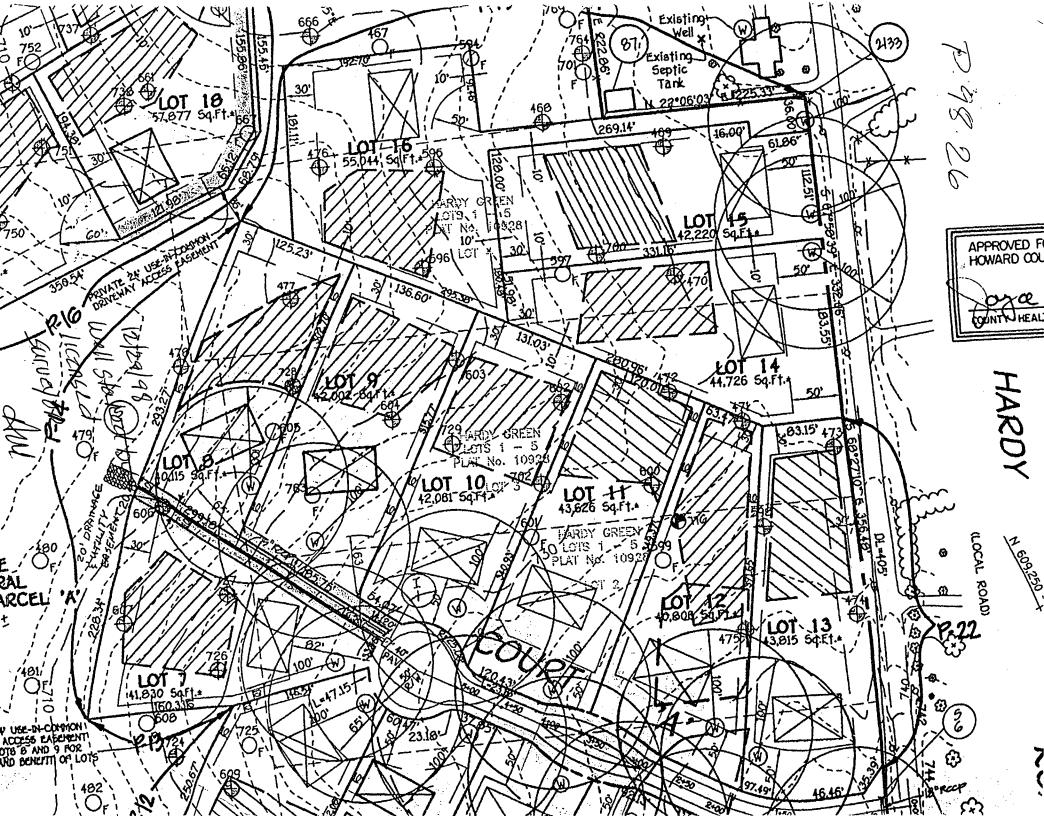








C 1 9818 SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND	THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.
1 2 3 6	WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE TYPE	COUNTY A57610_T
ST/GO USE ONLY DATE WELL COMPL		PERMIT NO. FROM "PERMIT TO DRILL WELL"
DATE Repeived  MM 8 89 99  8 13	22 18 26 41 20 (TO NEAREST FOOT)	HO - 94 - 2025 28 29 30 31 32 33 34 35 36 37
	nbest	
STREET OR RFD Spring	TOWN	Poplan Springs
SUBDIVISION <u>SPRING HOLD</u> WELL LOG	GROUTING RECORD YES NO	C 3
Not required for driven wells	WELL HAS BEEN GROUTED (Circle Appropriate Box)	1 2 PUMPING TEST
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING	TYPE OF GROUTING MATERIAL (Circle one)	HOURS PUMPED (nearest hour)
DESCRIPTION (Use FEET check if water additional sheets if needed) FROM TO bearing	CEMENT CM BENTONITE CLAY BC	8 9
9009	NO. OF BAGS 10 NO. OF POUNDS 1040 NO. OF POUNDS 1540	PUMPING RATE (gal. per min.)
Tapsol 02	DEPTH OF GROUT SEAL (to nearest foot)	METHOD USED TO MEASURE PUMPING RATE
An en Shalf 2 20	from 48 TOP, 52 ft. to 54 BOTTOM 58 ft.	WATER LEVEL (distance from land surface)
"Typosition Jines	(enter 0 if from surface)  casing CASING RECORD	BEFORE PUMPING 57 ft.
Top So. L 0 2  Brown Shalt 2 20  Brown Stake 20 25  Blue State 25, 36  Brown State 36  Blue State 40 185  Blue State 40 185	types insert appropriate STEEL CONCRETE	WHEN PUMPING 39 ft.
11 c SCAR 25 36	code below PL OT	TYPE OF PUMP USED (for test)
BL96 30 40 C	MAIN Nominal diameter Total depth	A air P piston T turbine
RADWA SCARE SE	CASING top (main) casing of main casing TYPE (nearest inch)! (nearest foot)	C centrifugal R rotary O other (describe
DI & SCARE YO 185	PC 6 35	27 27 below)
Bine -	60 61 63 64 66 70  E OTHER CASING (if used)	J jet Submersible
	A diameter depth (feet) H inch from to	
	C	PUMP INSTALLED  DRILLER INSTALLED PUMP ' YES (NO)
		(CIRCLE) (YES of NO)  IF DRILLER INSTALLS PUMP, THIS SECTION
	screen type SCREEN RECORD	MUST BE COMPLETED FOR ALL WELLS.
	or open hole ST BR HO	TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) 29 IN BOX 29
	insert STEEL BRASS OREN appropriate BRONZE HOLE	CAPACITY: GALLONS PER MINUTE
	code below PLASTIC OTHER	(to nearest gallon)  31  35
		PUMP HORSE POWER  37 41
NUMBER OF UNSUCCESSFUL WELLS:	DEPTH (nearest ft.)	PUMP COLUMN LENGTH (nearest ft.)
WELL HYDROFRACTURED Yes	$\begin{bmatrix} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 $	CASING HEIGHT (circle appropriate box and enter casing height)
CIRCLE APPROPRIATE LETTER	C 2	and enter casing neight)  LAND SURFACE
A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED	23 24 26 30 32 36 S C 3	helow (nearest)
E ELECTRIC LOG OBTAINED	R 38 39 41 45 47 51	49 50 51
P TEST WELL CONVERTED TO PRODUCTION WELL  HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN	E SLOT SIZE 1 2 3	LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURES
1 HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04 04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED REPORTED THAT THE INFORMATION PRESENTED.	DIAMETER (NEAREST OF SCREEN INCH)	N AND INDICATE NOT LESS THAN TWO DISTANCES
CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE	56 60 from to	(MEASUREMENTS TO WELL)
DRILLERS LIC. NO. 1 M D D D GRAVEL PACK		
Was FI OWING WELL WAS FI OWING WELL WAS FI OWING WELL		] [Read
(MUST MATCH SIGNATURE ON APPLICATION)  MDE USE ONLY		
LIC. NO. 1 MSD 1 (NOT TO BE FILLED IN BY DRILLER)  T (E.R.O.S.) WO Physical (1)		
Moh Y, Migas	7072	150
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	TELESCOPE LOG 74 75 76 CASING INDICATOR OTHER DATA	net cold
DENV-CR97	© COUNTY	



	EMERGENCY/TEMP NO. IF ANY	
B 1 SEQUENCE NO.	STATE OF MARYLAND	STATE PERMIT NUMBER
(MDE USE ONLY)	PERMIT TO DRILL WELL	HO-94-2025
	please print or type	fill in this form completely 79
Date Received (APA)  (3 / 8 9 8 OWNER INFORMATION	DN B 3 Howa	LOCATION OF WELL
8 MM 00 W 13 CISSELL LAMBENT		Hollow
15 Last Name Owner First N		42
3425 HIPSLEY MILL AC	SECTION	LOT
36 WOOD BING Street or RFD Mp. 21	797 55 POPLAN	48 50
57 Town 70 State 72	Zip 76 52 NEAREST TOWN	Springs -71
DRILLER INFORMATION	MILES FROM TOWN (6	enter 0 if in town) L Z M L
Driller's Name 76 Lice	D //C B 4	73 76 77 78 Spring Hollow (7)
RAIGH MAYNE WELL DAILLIN	1 2 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)	11 NEAR WHAT ROAD 30
9120 Brown Chunch del Mt	Aim _ N	ON WHICH SIDE OF ROAD NORTH
Hell Mayel 12.	S S S S S S S S S S S S S S S S S S S	(CIRCLE APPROPRIATE BOX) WEEL EAST
Signature Dat  B 2 WELL INFORMATION	e W (TOWN) E	34 / SO 37 SOUTH DISTANCE FROM ROAD
1 2 APPROX. PUMPING RATE		ENTER FT OR MI 38 39
(GAL. PER MIN.) 8  AVERAGE DAILY QUANTITY NEEDED 5		TAX MAP: BLK: PARCEL
(GAL. PER DAY) 14	20 8	
USE FOR WATER (CIRCLE APPROPRI		TO BE FILLED IN BY DRILLER LTH DEPARTMENT APPROVAL
DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION	Howard	CO A57610J
F FARMING (LIVESTOCK WATERING & AGRICULTUF	RAL COUNTY NAME STATE	COUNTY NO.
22 I INDUSTRIAL, COMMERICIAL, DEWATERING	SIGNATURE	INSERT S 41
P PUBLIC WATER SUPPLY WELL	DATE ISSUED 12998	AM M. 10 122999
T TEST, OBSERVATION, MONITORING	43 MM DD YY 48 NORTH - / / 6	
G GEO-THERMAL	GRID 50	0 0 0 GRID 768 0 0 0 55 57 63
	SHOW MAJOR FEATU	RES OF 6/2/9//5:1977
APPROXIMATE DEPTH OF WELL 24 28	FEET BOX & LOCATE WELL WITH AN X SOURCES OF DRILLIN	
APPROXIMATE DIAMETER OF WELL 66	NEAREST SOURCES OF DRILLIN	IN SP
METHOD OF DRILLING (circle o	2. nne) 3.	No II D
•	Jetted & DRIVEN	
AIR-ROTAL AIR-PERcussion ROTARY	(Hydraulic Rotary) WRITE THE BOX NUM	BER
37 CABLE REVerse-ROTary	DRIVE-POINT FROM THE MAP HERE	
other	WELLS E DE	68
(CIRCLE APPROPRIATE BOX)	VELLS	000
THIS WELL WILL NOT REPLACE AN EXISTING WELL		778
THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED		OW SHOWING LOCATION OF WELL IN Y TOWNS AND ROADS AND GIVE
THIS WELL WILL REPLACE A WELL THAT WILL BE AS A STANDBY-CONTACT LOCAL APPROVING AUT	USED	L TO NEAREST ROAD JUNCTION
FOR POLICY ON STANDBY WELLS	HORITY #-And	dy no.
D THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPL	ENED	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
(IF AVAILABLE) 41	52 N	
Not to be filled in by driller (MDE OR COUNTY	USE ONLY)	Sening Micheals RD
APPROP PERMIT NUMBER G A P	63	, , , , , , , , , , , , , , , , , , , ,
PERMIT No. HO - 94	1-2025 uel 150	<u></u>
SPECIAL CONDITIONS NOTE - APPHOVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -		⊕