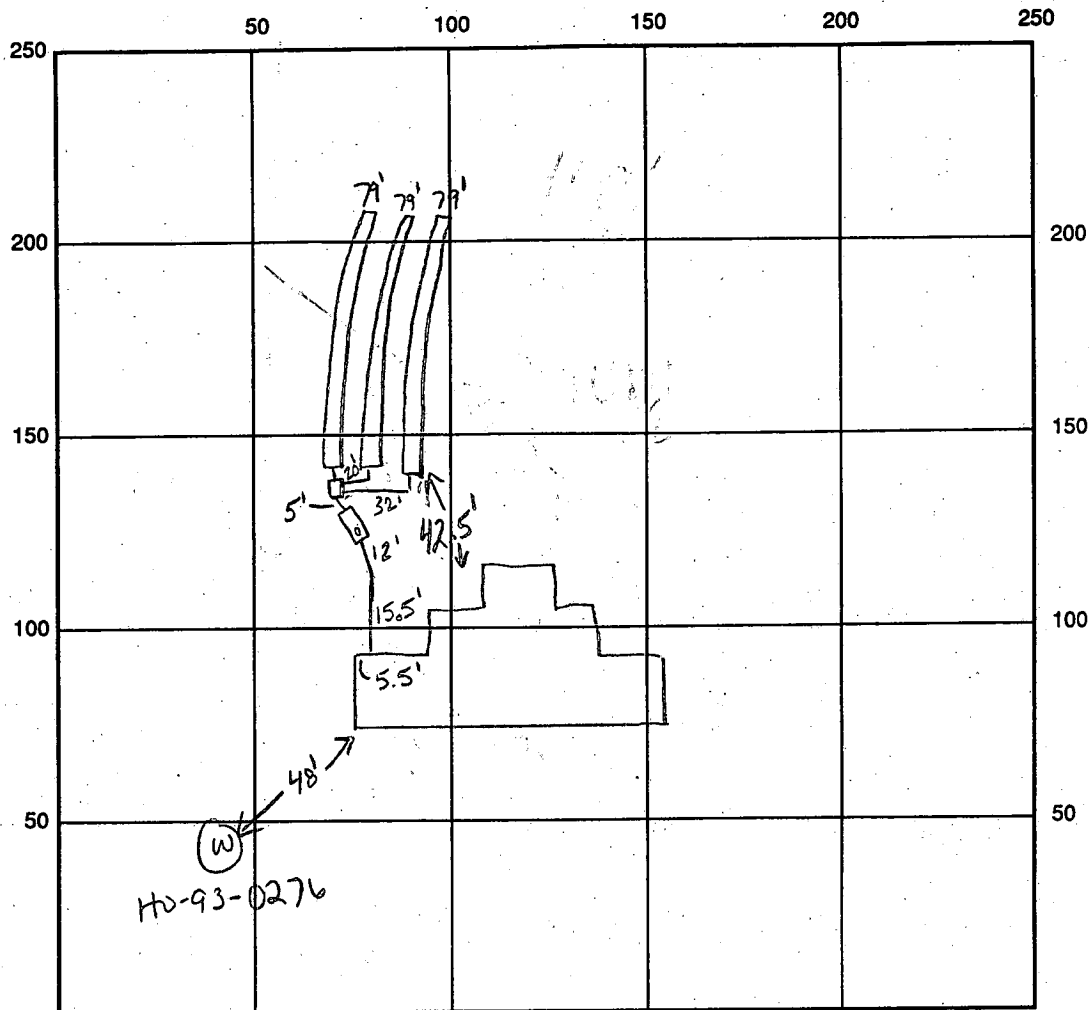


A
48824



SEPTIC TANK LEVEL OK, 1500

CLEANOUTS 1 at house, 1 on tank

DISTRIBUTION BOX LEVEL OK, baffle in

DRAIN FIELD/TITLE DEPTH 8 FT.

TRENCH WIDTH 2 FT.

INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT.

TOTAL LENGTH 79 x 3 FT. → 237

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA 948 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 3-25-97 OK to cover all work KM

3-31-97 WPI OK to cover well line, P.A. 5' below original grade, casing
2.5' above grade, has a two piece watertight cap KM

DATE SYSTEM APPROVED 3-25-97

INSPECTOR Kimberly Maister

APPLICATION

PERCOLATION TESTING

A 48824
P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Joseph M. Zoller, III John WIDER
11696 Carroll Mill Road
ADDRESS Ellicott City, Maryland 21043 PHONE _____

AGENT OR PROSPECTIVE BUYER SDC Group, Inc.
ADDRESS P.O. Box 417, Ellicott City, MD 21041 PHONE (410) 465-4244

PROPERTY LOCATION:

SUBDIVISION Zoller Property LOT NO. 8

ROAD AND DESCRIPTION Northeast quadrant Folly Quarter Road and Carroll Mill Road
intersection. (3705 Running Springs Road)

TAX MAP 23 PARCEL # 8,82 & 101

BLDG. PERMIT SIGNED

~~AND RETURNED~~ 12/26/96

Serial # B10 103391

SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family - 5 Bedroom
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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.

By: Sp. Group Inc.
John WIDER
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

0' 227/229/230/

red
brn
sac l m

129

3'
3 1/2' dk. brn / tan

gray

fine
sa mica

loam

10-15%

saprolite
frags11 1/2'
114/421brn tan
sac l m2-3' lt. orge
yel beige

tan red

sa l m

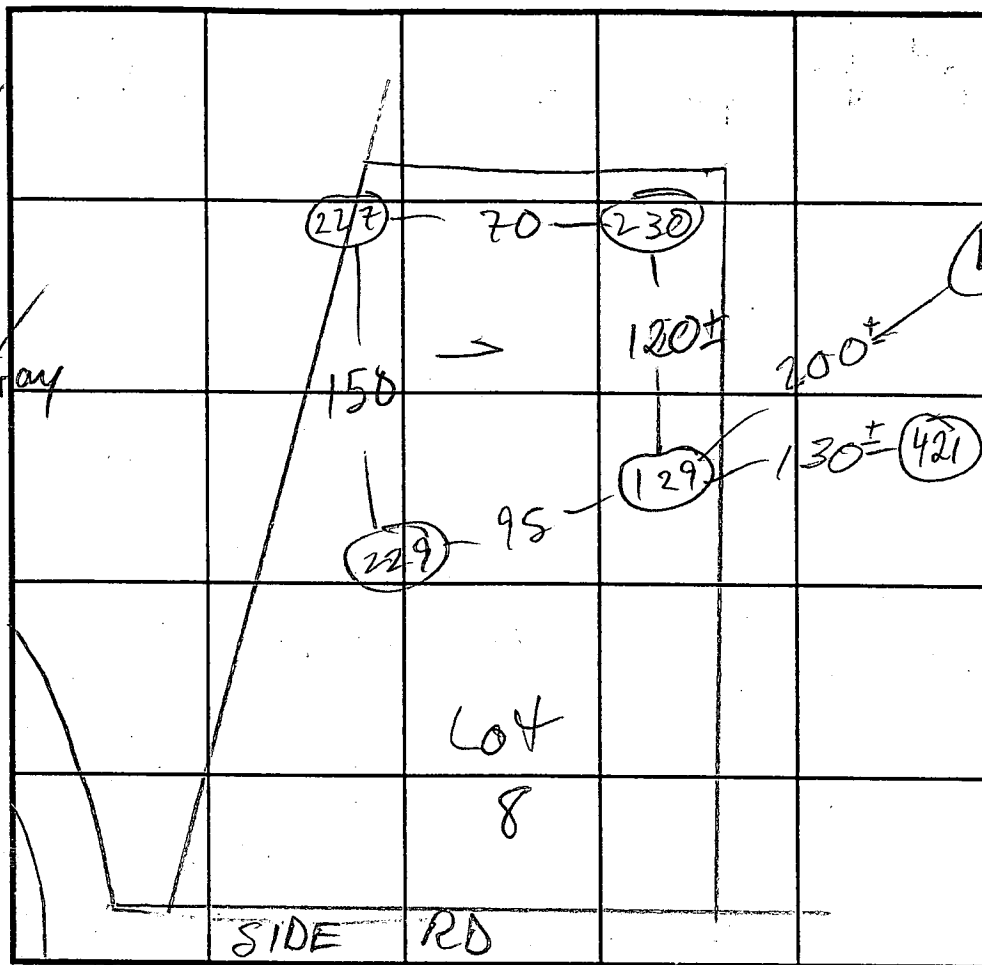
5-10%

frags

12'

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	
7/21/94	229 S	4 1/2	8:13:00	8:14:00	8:14:00	8:15:00	1
	229 V	12	see profile				
	230 S	4 1/2	10:55:00	10:56:00	10:56:00	10:57:20	14 min
	230 V	11 1/2	35% frags 0'-3'				
	227 S	4	8:16	8:17	8:17	8:19	1 1/2 ±
	227 V	12	see profile				
2/17/93	129 S	5	10:44	10:47	10:49	10:52	3
	129 M	8	10:44	10:47	10:47	10:53	6
	129 V	13	see profile				
	114 S	5	11:10	11:11	11:11	11:14	3
	114 M	8 1/2	11:14	11:16	11:16	11:18	2
	114 V	12 1/2	see profile				

7/21/94 421 S 4 3/4 9:16 9:18 9:18 9:22 4
REMARKS 12 see profile

TYPE OF SOIL

TESTED BY

ALSO PRESENT

Hatfield crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

3

TRENCH WIDTH

2

INLET DEPTH

4 1/2

MAXIMUM BOTTOM DEPTH

8 1/2

SQ. FT./BEDROOM

180

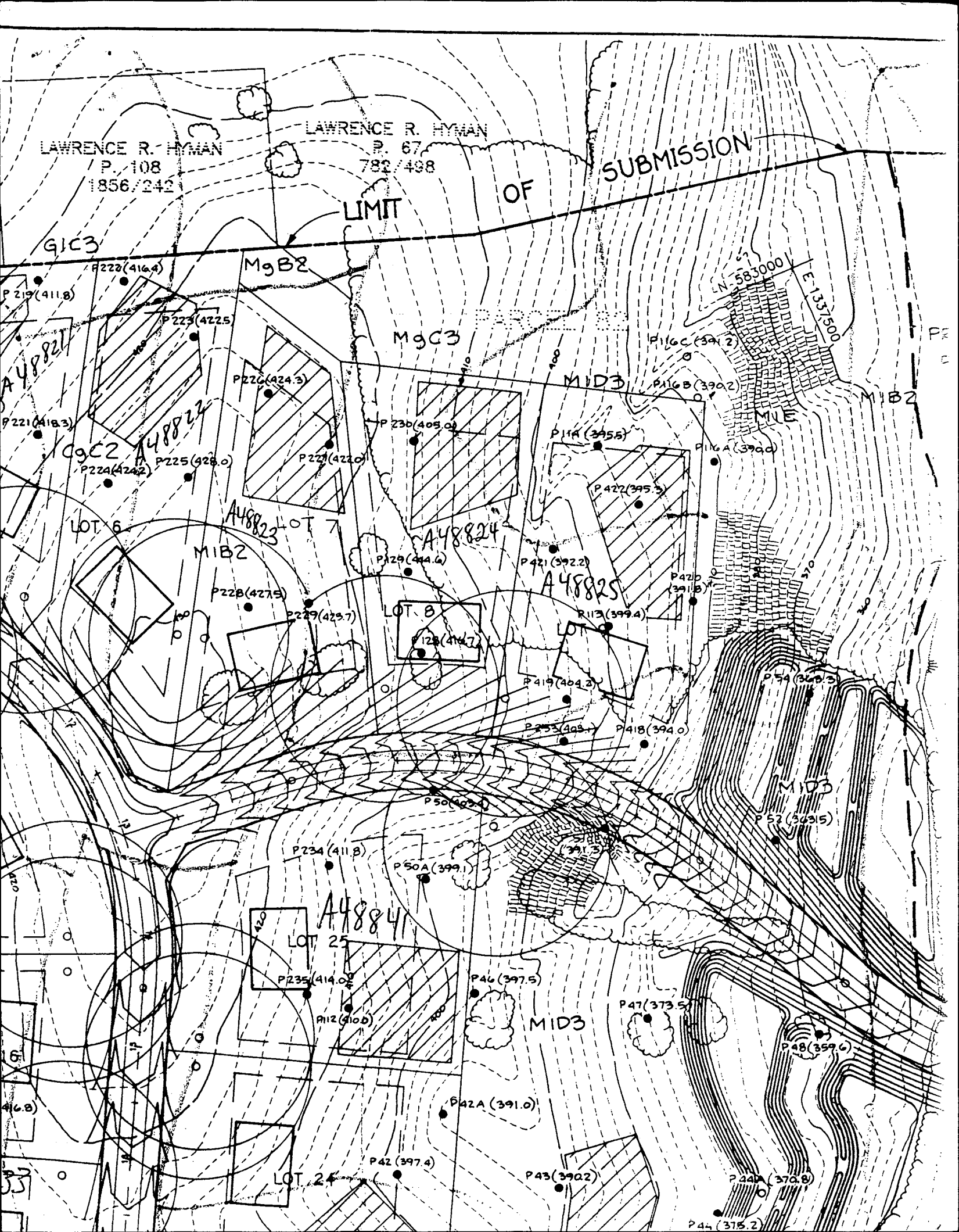
LAWRENCE R. HYMAN
P. 108
1856/242

LAWRENCE R. HYMAN
P. 67
782/498

SUBMISSION

LIMIT

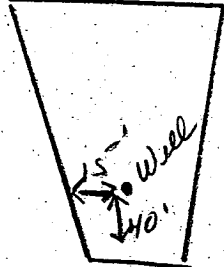
OF



EMERGENCY/TEMP NO. IF ANY

B 1 1916		SEQUENCE NO. (MDE USE ONLY)		STATE OF MARYLAND PERMIT TO DRILL WELL please print or type		STATE PERMIT NUMBER HO-93-0276 <small>70 fill in this form completely 79</small>	
<small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>							
OWNER INFORMATION Date Received (APA) 020196 Last Name HOMPSON Owner First Name DALE Street or RFD 1000 S O L D C O L U M B I A R D Town C O L U M B I A 70 State 72 Zip MOB 1046				LOCATION OF WELL County HOWARD SUBDIVISION QUARTERFIELD SECTION 8 LOT 8 NEAREST TOWN WEST FRIENDSHIP MILES FROM TOWN (enter 0 if in town) 4 MI			
DRILLER INFORMATION Driller's Name Joseph L. Mayne License No. 24 Firm Name Joseph L. Mayne Well Drilling Address 5512 RIDGE RD. MT. AIRY MD 21771 Signature Joseph L. Mayne Date 2/1/96				B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) NEAR WHAT ROAD RUNNING SPRING RD. ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 35 DISTANCE FROM ROAD 44 FT OR MI TAX MAP: 23 BLK: 14 PARCEL 8			
WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500				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)			
APPROXIMATE DEPTH OF WELL 230 FEET				NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL 48824 Howard COUNTY NAME DATE ISSUED 022296 Mark E. R. 2/22/97 NORTH GRID 522000 EAST GRID 0825000			
APPROXIMATE DIAMETER OF WELL 6 INCH				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 82X5 52X2			
METHOD OF DRILLING (circle one) <input checked="" type="checkbox"/> BORED (or Augered) <input type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input checked="" type="checkbox"/> AIR-ROTARY <input type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> CABLE <input type="checkbox"/> REVerse-ROTary <input type="checkbox"/> DRive-POINT other				DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 			
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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS <input type="checkbox"/> THIS WELL WILL DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41							
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROX. PERMIT NUMBER GAP							
FORCE MR WRITE INITIALS IN BOX PERMIT No. HO-93-0276							
SPECIAL CONDITIONS <small>NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED</small>							

COUNTY

C 1 0248		SEQUENCE NO. (MDE USE ONLY)		STATE OF MARYLAND WELL COMPLETION REPORT		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)				FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE		COUNTY NUMBER <u>A 48824</u>	
ST/CO USE ONLY DATE RECEIVED <u>082396</u>		DATE WELL COMPLETED <u>081296</u>		Depth of Well 22 <u>300</u> 26 (TO NEAREST FOOT)		PERMIT NO. FROM "PERMIT TO DRILL WELL" <u>H0-93-0276</u>	
OWNER <u>Thompson</u>		DATE <u>Dale</u>		TOWN <u>W. Friendship</u>			
STREET OR RFD <u>Running Springs Rd</u>		SECTION <u>8</u>		LOT <u>8</u>			
SUBDIVISION <u>QUARTERFIELD</u>							
WELL LOG Not required for driven wells		GROUTING RECORD		C 3		PUMPING TEST	
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL (Circle one) CEMENT <u>(CM)</u> BENTONITE CLAY <u>(BC)</u>		HOURS PUMPED (nearest hour) <u>3</u>		PUMPING RATE (gal. per min.) <u>6</u>	
DESCRIPTION (Use additional sheets if needed)		NO. OF BAGS <u>20</u> NO. OF POUNDS <u>1880</u>		PUMPING RATE (gal. per min.) <u>6</u>		METHOD USED TO MEASURE PUMPING RATE <u>Bucket</u>	
FEET FROM TO		GALLONS OF WATER <u>120</u>		WATER LEVEL (distance from land surface) BEFORE PUMPING <u>45</u> ft.		WHEN PUMPING <u>199</u> ft.	
check if water bearing		DEPTH OF GROUT SEAL (to nearest foot) from <u>0</u> ft. to <u>72</u> ft.		TYPE OF PUMP USED (for test) <u>A</u> air <u>P</u> piston <u>T</u> turbine <u>C</u> centrifugal <u>R</u> rotary <u>O</u> other (describe below) <u>J</u> jet <u>S</u> submersible			
Sand 0 88		Casing types insert appropriate code below					
Gray Mica Rock 88 300		STEEL CONCRETE PLASTIC OTHER					
		MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot) <u>SH</u> <u>6</u> <u>94</u>					
		OTHER CASING (if used) diameter inch depth (feet) from to					
		SCREEN RECORD screen type or open hole insert appropriate code below STEEL BRASS BRONZE OPEN HOLE PLASTIC OTHER					
NUMBER OF UNSUCCESSFUL WELLS: <u>0</u>		C 2				PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE) (YES) (NO)	
WELL HYDROFRACTURED <u>Y</u> <u>(N)</u>		DEPTH (nearest ft.) <u>H0</u> <u>91</u> <u>300</u>				IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.	
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		SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) <u>56</u> <u>60</u>				TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29	
I 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 PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.		GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68				CAPACITY: GALLONS PER MINUTE (to nearest gallon)	
TYPE: MWD/MSD/MGD DRILLERS LIC. NO. <u>24</u>		MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q 70 72 74 75 76				PUMP HORSE POWER	
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) <u>Larry M. Mayre</u>		TELESCOPE CASING LOG INDICATOR OTHER DATA				PUMP COLUMN LENGTH (nearest ft.)	
LIC. NO. <u>27</u>						CASING HEIGHT (circle appropriate box and enter casing height) <u>+</u> above LAND SURFACE <u>-</u> below <u>3</u> (nearest foot)	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee) <u>Larry M. Mayre</u>						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)	
							
						<u>Running Springs Rd.</u>	
						COUNTY	

R. HYMAN
08
242

LAWRENCE R. HYMAN
P. 67
782/438

SUBMISSION

LIMIT OF

M9B2

M9C3

MID3

PRESERVATION
PARCEL 1B

MIB2

Hq

P226(424.3)

P225(428.0)

P227(422.0)

P230(405.0)

P11A(395.5)

P116B(390.2)

P116A(390.0)

P422(395.3)

P421(392.2)

P420(391.8)

P113(399.4)

P229(425.7)

P228(427.5)

2/14/96

MR LOT 8

Well

Site

OK

65' A

P419(404.2)

P418(394.0)

P54(399.5)

P52(393.5)

P234(411.3)

P50A(399.1)

LOT 25

P235(414.0)

P112(410.0)

P46(397.5)

MID3

P47(373.5)

P42A(391.0)

P42(397.4)

P43(390.2)

LOT 24

LIMIT
WETU