

5/30/89 noon  
PM

5/31/89 ASAP  
LANTON

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 43881

A 34825

DISTRICT 5th

DATE 3/27/89

DATE SYSTEM APPROVED 5/31/89

INSPECTOR RH

**HOWARD COUNTY**  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

05-404657

**INDEXED**

Paul Schissler/South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION Chapel Woods ROAD 11815 Linden Church LOT 8, Area 2

PROPERTY OWNER John Murphy Builders Guild, Inc. PHONE: 995-4067

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 210 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3.5 below original grade. Bottom maximum depth 7.5 feet below original grade. Effective area begins at 3.5 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the first trench 125 feet off the front lot line and 200 feet off the right lot line as seen when facing the lot from Linden Chapel Road. Run trenches on contour toward the rear corner and right 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 Sid Abel DATE 11/23/88

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES)

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

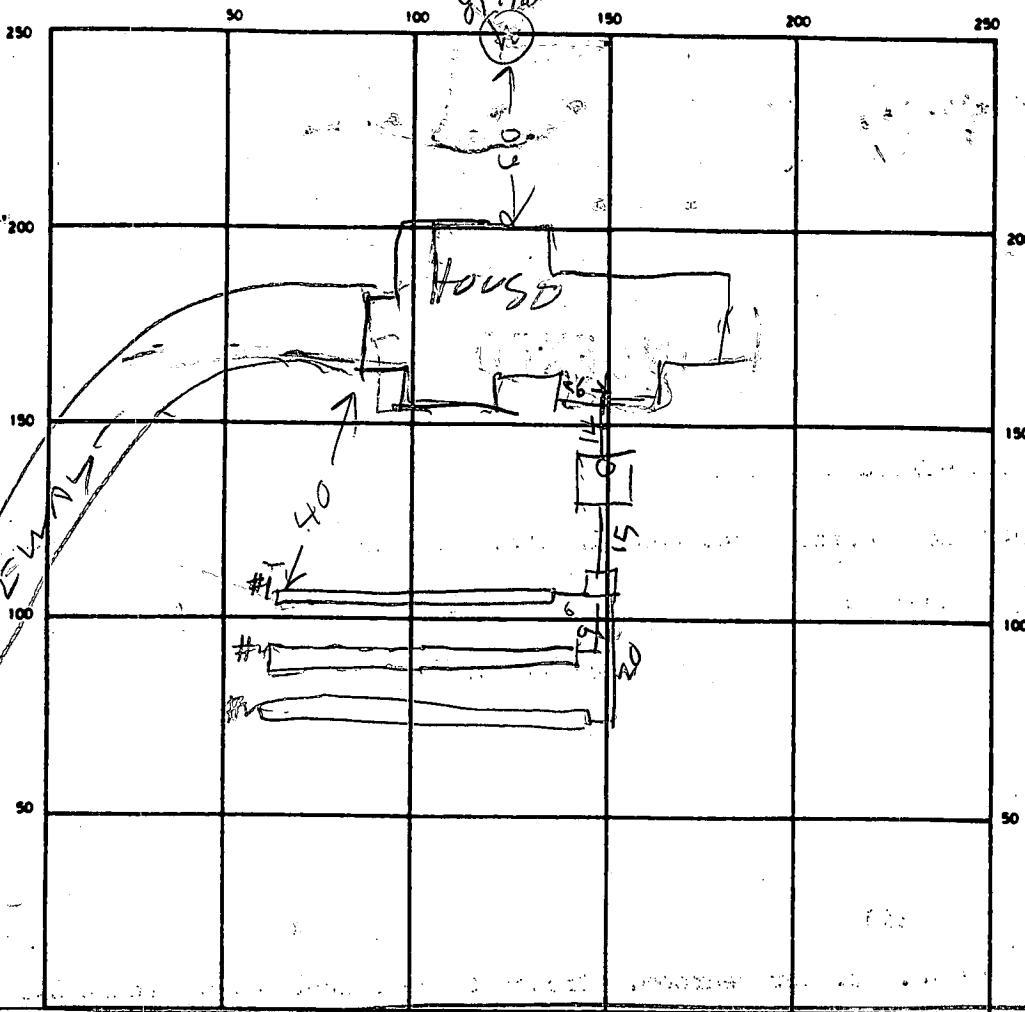
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

BLDG. PERMIT SIGNED AND RETURNED 1/17/92  
Seal # 40887

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 34825



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 LINDEN CHAPEL RD

SEPTIC TANK LEVEL 1500 OK - S.P.M. 5/30/89 CLEANOUTS MANHOLE

TANK TOP 7 FT DEEP

DISTRIBUTION BOX LEVEL \_\_\_\_\_

DRAIN FIELD/TILE FIELD DEPTH 1/2/3 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4/4/4 FT.

EFFECTIVE GRAVEL DEPTH 5/5/5 FT. TOTAL LENGTH 25/70/71 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 375 | 350 | 355 SQ. FT. 1080

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 5/30/89 11:30 - HOLE DUG FOR TANK. TANK WILL BE READY AT 300PM RD

5/30(3:30) - SEPTIC TANK - JUST BEING SET AND WORKED ON. - ONLY.

5/30/89 10:30 AM - TANK OK TRENCH #1 OK, 5/30/89 12:30 - TRENCH #2 STARTED C.B.E

STONE 5/30/89 2:50 TRENCHES FINISHED OK TO COVER R.P

DATE SYSTEM APPROVED 5/31/89 INSPECTOR Raymond Hodges

# APPLICATION

A. 34829

## SEWAGE DISPOSAL TESTING

P. \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P O BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 465-5000, EXT. 356

DISTRICT 5

DATE 1-8-85

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 Newburn Development Corporation  
Suite 201, 5570 Sterrett Place  
Columbia, Maryland 21044  
ADDRESS 997-3815 596-3877

Builders Guild, Inc  
995-4067

PHONE \_\_\_\_\_

PROPERTY LOCATION \_\_\_\_\_

LOT 8 AREA I  
ON FINAL  
2nd Sec. 2

SUBDIVISION Chapel Woods, Section 2 LOT NO. \_\_\_\_\_

ROAD AND DESCRIPTION \_\_\_\_\_

11815 LINDEN Church Rd.

SIZE OF LOT ~~3-acre~~ TYPE BLDG. single family residence  
NUMBER OF BEDROOMS \_\_\_\_\_

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT James L Newburn

APPROVED BY Schuyler FOR Dug trenches DATE 12-6-88  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING 2-13-85 Perc. OK, HOLD FOR CERTIFIED HOLE PLAT  
HOUSE AND WELL SITE. SAME

BLDG. PERMIT SIGNED AND RETURNED 12-6-88

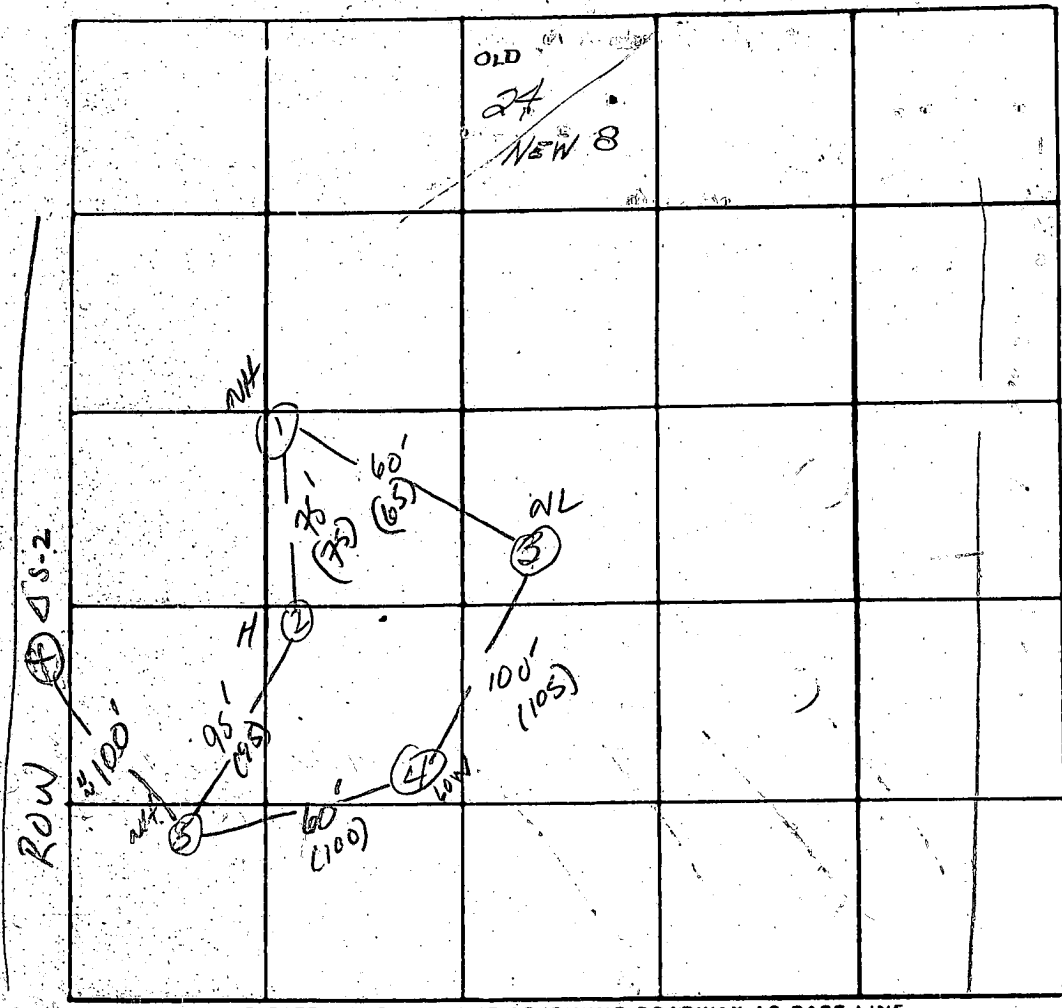
BP 2845  
OKL

# THIS IS NOT A PERMIT

① ②  
 6" A0-3  
 BROWN CLAY  
 LOAM 210%  
 SAPROLITE  
 2.5'  
 BROWN  
 SAND  
 MICACEOUS  
 10-20%  
 SAPROLITE  
 9'  
 BR. SAND  
 20-30%  
 SAPROLITE  
 11'

③  
 6" A0-3  
 BROWN  
 CLAY LOAM  
 410%  
 SAPROLITE  
 SAND LOAM  
 10-20%  
 SAPROLITE  
 4'  
 11'

④ ⑤  
 6" A0-3  
 BROWN  
 CLAY  
 210%  
 SAPROLITE  
 3'  
 BROWN  
 SAND  
 LOAM  
 20-30%  
 SAPROLITE  
 12'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
 ↓ RT 108 ↓

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/13/85	1S	4'	10:13	10:14	10:14	10:16	2min
	1V	11'	SOIL STRUCTURE UNIFORM BELOW 3'				
2/13/85	2S	4'	10:23	10:24	10:24	10:25:30	1.5min
	2V	11'	UNIFORM SOIL STRUCTURE BELOW 3'				
	3S	4.5'	10:31	10:39	10:39	11:02	13min
	3V	11'	UNIFORM SOIL STRUCTURE BELOW 4'				
	4S	3.5'	10:39	10:41	10:41	10:47	6min
	4V	12'	UNIFORM SOIL STRUCTURE BELOW 3'				
	5S	4'	10:44	10:52	10:52	11:14	22min
	5V	12'	UNIFORM SOIL STRUCTURE BELOW 4'				

REMARKS \_\_\_\_\_  
 TYPE OF SOIL Chester/Manson Association Newbun Development  
 TESTED BY S. Abel ALSO PRESENT: DEBRA, ERIC, FRANK, SANDY

34825

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation  Replacement   
Receipt # 43917  
Date 3/30/89  
Name of Installer CLARKE P+H Inc Telephone 489-4029  
License Number 3808  
Certified Well Pump Installer  Well Driller  Registered Plumber 3808  
Name of Property Owner Builders Guild Inc Telephone 740-0184  
Subdivision Chapelwoods Lot # 8 Well Tag #         
Site Address 11815 Linden Chapel Rd

Pump  
1. Type  
a. Deep well jet   
b. Shallow well jet   
c. Submersible   
2. Make Goulds  
3. Model #         
4. Capacity        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

Motor  
1. Horsepower         
2. RPM         
3. Voltage         
a. 110         
b. 220

Pitless Adapter  
1. Make         
2. Model # PT 800  
3. Depth       

Tank  
1. Capacity 66 gal  
2. Pressure relief valve? 7516

Piping  
1. Type Plastic  
2. Size 1"  
3. NSF and/or BOCA Code approved   
4. Depth of supply line 42'

Well data  
1. Depth        ft.  
2. Yield        GPM  
3. Static water level        ft.  
4. Will water supply be disinfected by installer? NO

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: Kenneth C. Clarke

Date: 3-27-89

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

C1 3859

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.

COUNTY NUMBER A 34825

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

DATE RECEIVED grid

DATE WELL COMPLETED grid: 03/387

DEPTH OF WELL grid: 22 005 26

PERMIT NO. grid: 140-81-1910

OWNER NEWBURN DEVELOPMENT last name first name TOWN CHARLESVILLE SUBDIVISION CHAPEL WOODS SECTION 2 LOT 5

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 FROM TO Check if water bearing

Table with columns for description, feet, and water bearing. Includes handwritten entries: SANDSTONE, GRAY GRANITE, 0-14, 14-205.

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle appropriate box) YES Y NO N

TYPE OF GROUTING MATERIAL CEMENT CM BENTONITE CLAY BC

NO. OF BAGS 5 NO. OF POUNDS 4400

GALLONS OF WATER 30 DEPTH OF GROUT SEAL (to nearest foot)

DEPTH OF GROUT SEAL grid: from 0 ft. to 19 ft.

CASING RECORD

ST CO STEEL CONCRETE PL OT PLASTIC OTHER

MAIN CASING TYPE Nominal diameter top (main) casing of main-casing (nearest inch) Total depth of main-casing (nearest foot)

MAIN CASING TYPE grid: 4, 6, 2

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

OTHER CASING grid

SCREEN RECORD

ST BR HO STEEL BRASS OPEN HOLE PL OT PLASTIC OTHER

DEPTH (nearest ft.)

DEPTH grid: 10, 21, 25

CIRCLE APPROPRIATE LETTER 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...

DRILLERS IDENT. NO.

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

SLOT SIZE 1 2 3

DIAMETER OF SCREEN (NEAREST INCH)

DIAMETER OF SCREEN grid

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

T WQ grid

TELESCOPE CASING LOG INDICATOR OTHER DATA

TELESCOPE CASING LOG INDICATOR OTHER DATA grid

PUMPING TEST

HOURS PUMPED (nearest hour)

HOURS PUMPED grid: 3

PUMPING RATE (gal. per min. to nearest gal.)

PUMPING RATE grid: 12

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface) BEFORE PUMPING

WATER LEVEL grid: 33

WHEN PUMPING

WHEN PUMPING grid: 43

TYPE OF PUMP USED (for test)

TYPE OF PUMP USED grid: A, C, J, S

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YES NO

DRILLER WILL INSTALL PUMP YES NO grid

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:

TYPE OF PUMP INSTALLED grid

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

CAPACITY grid

PUMP HORSE POWER

PUMP HORSE POWER grid

PUMP COLUMN LENGTH (nearest ft.)

PUMP COLUMN LENGTH grid

CASING HEIGHT (circle appropriate box and enter casing height)

CASING HEIGHT grid

LAND SURFACE (nearest foot)

LAND SURFACE grid

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)



B 7 **1596** SEQUENCE NO. (OEP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

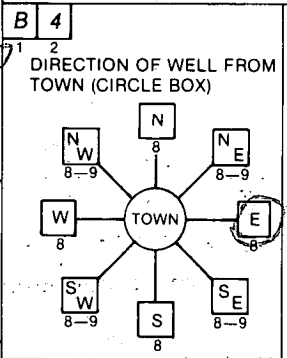
STATE OF MARYLAND  
 PERMIT TO DRILL WELL  
 please print or type

OEP PERMIT NUMBER  
**HO-81-1910**  
 fill in this form completely

Date Received **020387**  
 OWNER INFORMATION  
 Last Name **NEUBURN** Owner First Name **Development**  
 Street or RFD **557 ASTERETTA PLACE**  
 Town **COLUMBIA** State **MD** Zip **21044**

B 3 LOCATION OF WELL  
 COUNTY **HOWARD**  
 SUBDIVISION **CHAPEL WOODS**  
 SECTION **III** LOT **8**  
 NEAREST TOWN **CLARKSVILLE**  
 MILES FROM TOWN (enter 0 if in town) **1 1/2** MI

DRILLER INFORMATION  
 Driller's Name **Joseph L. Mayne** License No. **238**  
 Firm Name **Joseph L. Mayne Well Drilling**  
 Address **5512 Ridge Rd Mt. Airy 21771**  
 Signature **Joseph L. Mayne** Date **2/2/87**



LINDEN CHAPEL RD.  
 NEAR WHAT ROAD  
 DATE ISSUED **021787** CO SIGNATURE **Clay Williams** EXP. DATE **8/17/87**  
 NORTH GRID **507000** EAST GRID **0821000**

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  
 COUNTY NAME **How 220** COUNTY NO. **A34825**  
 OEP SIGNATURE \_\_\_\_\_ STATE HEALTH INSERT S.   
 DATE ISSUED **021787** CO SIGNATURE **Clay Williams** EXP. DATE **8/17/87**  
 NORTH GRID **507000** EAST GRID **0821000**

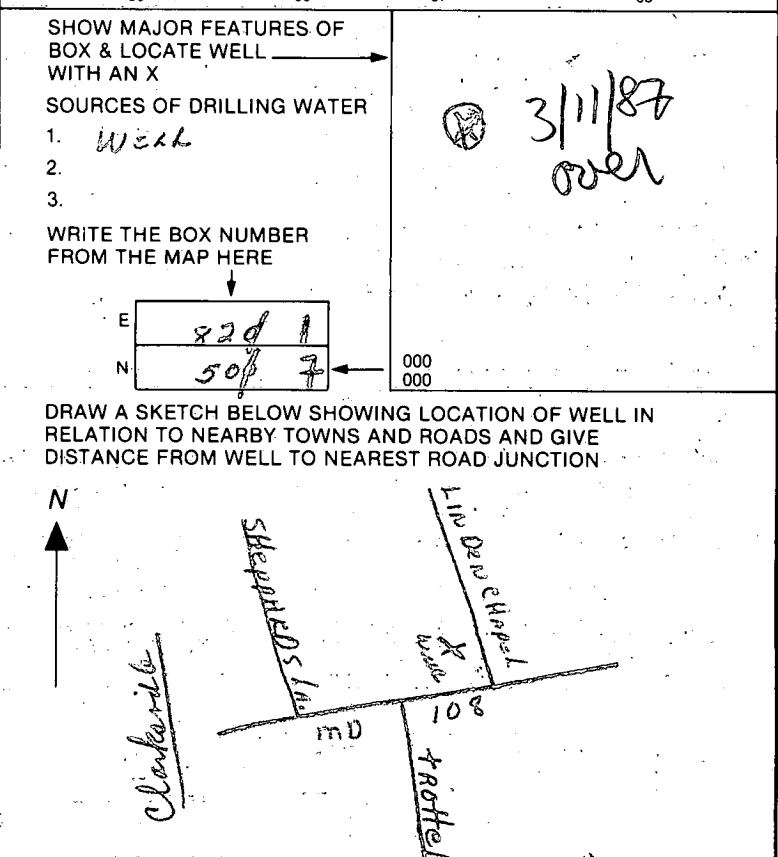
APPROXIMATE DEPTH OF WELL **300** FEET

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 \_\_\_\_\_

REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL  
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE) \_\_\_\_\_

Not to be filled in by driller (OEP USE ONLY)  
 APPROP. PERMIT NUMBER **HO87GAP004**  
 FORCE **CA** INITIALS PERMIT No. **HO-81-1910**



SPECIAL CONDITIONS **TO BE CHANGED TO DRINKING WELL UPON SUBDIVISION APPROVAL**



3/11/87 From Top of it  
appears 200 sds was  
one drilled - OK'D

22' casing  
18 1/2' open  
bags cement

3/13/87 H<sub>2</sub>O sample taken  
K1015

