

4/25/90
4/26/90 2PM

05-407311

PERMIT

P 45351

A 34809

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 5th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 12/14/89

INDEXED

DATE SYSTEM APPROVED 4/26/90

INSPECTOR BH

C. C. Cissel IS PERMITTED TO INSTALL ALTER

ADDRESS 14079 Brighton Dam Road, Clarksville, Maryland PHONE 854-2006

SUBDIVISION Chapel Woods ROAD 11842 Linden Chapel Rd LOT 14

PROPERTY OWNER Chapel Woods Homes, Inc.

ADDRESS _____

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 220 sq. ft. per bedroom with garbage disposal. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - OK to adjust location to accomodate patio. Place the distribution box 200 feet from the front lot line and 100 feet from the right side of the lot as seen when facing the lot from Linden Chapel Road. Run trenches along contour in both directions.

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 Raymond Hodges DATE 7/24/89

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

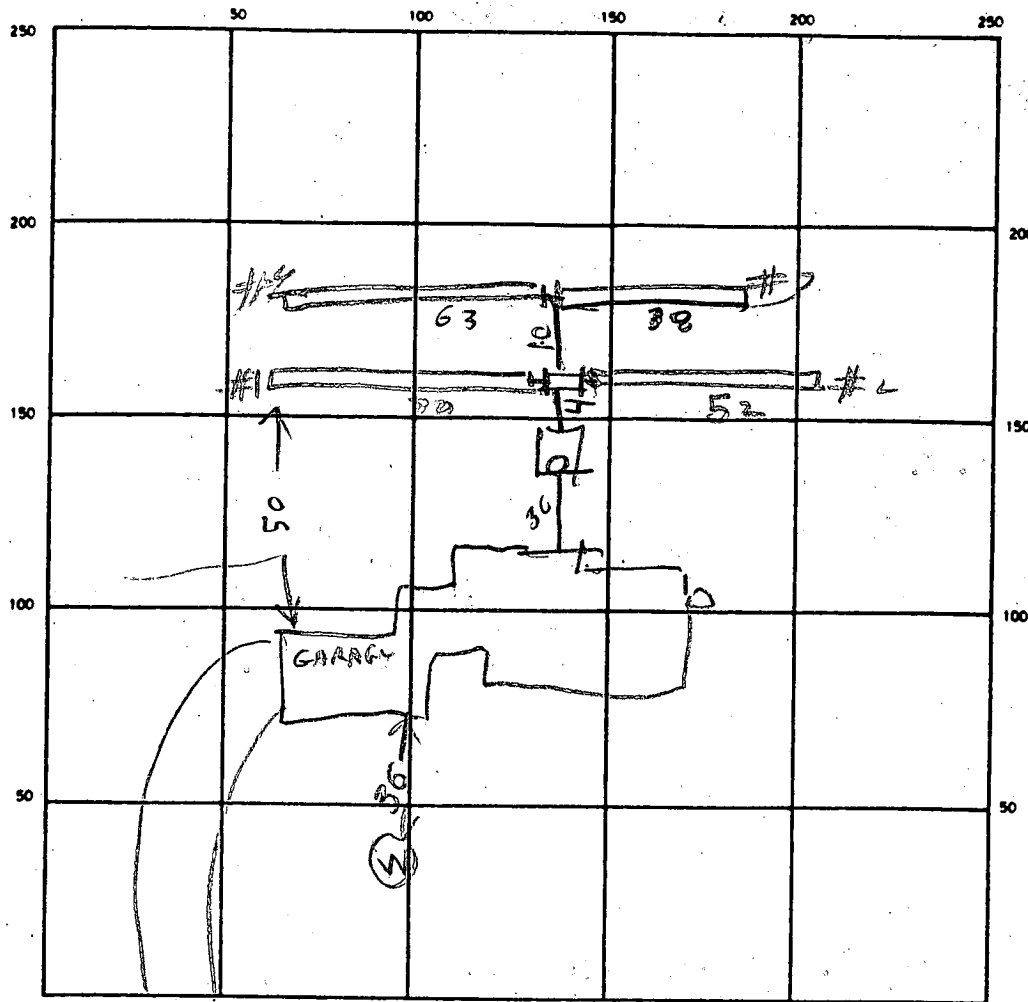
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT**

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

34809



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK. LEVEL 2000 CLEANOUTS ST / OK

DISTRIBUTION BOX. LEVEL _____

DRAIN FIELD/TILE FIELD. DEPTH 8 FT. TRENCH WIDTH _____ FT. INLET DEPTH _____ FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 70 | 52 | 39 | 63 FT. 223

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 892 SQ. FT.

DRYWELL INSIDE DIAMETER _____ FT. EFFECTIVE DEPTH BELOW INLET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS OK TO INSTALL GRAVEL W/ WSP CW. 4/25/90
4/26/90 - TRENCHES FINISHED LOCATION OK

DATE SYSTEM APPROVED 4/26/90 INSPECTOR Raymond Hodges

APPLICATION

A 34809

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

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

DISTRICT 5

DATE Jan. 8 1985

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 Chapel Woods Homes Inc
Suite 201, 5570 Sterrett Place
ADDRESS Columbia, Maryland 21044 PHONE 997-3815

PROPERTY LOCATION _____
SUBDIVISION Chapel Woods, Section 2 LOT NO. 1 Area 2
Sec 2
ROAD AND DESCRIPTION Linden Chapel Road 11842 Linden Chapel Road

SIZE OF LOT 3-acre TYPE BLDG. single family residence

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.

SIGNATURE OF APPLICANT James L. Newburn

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

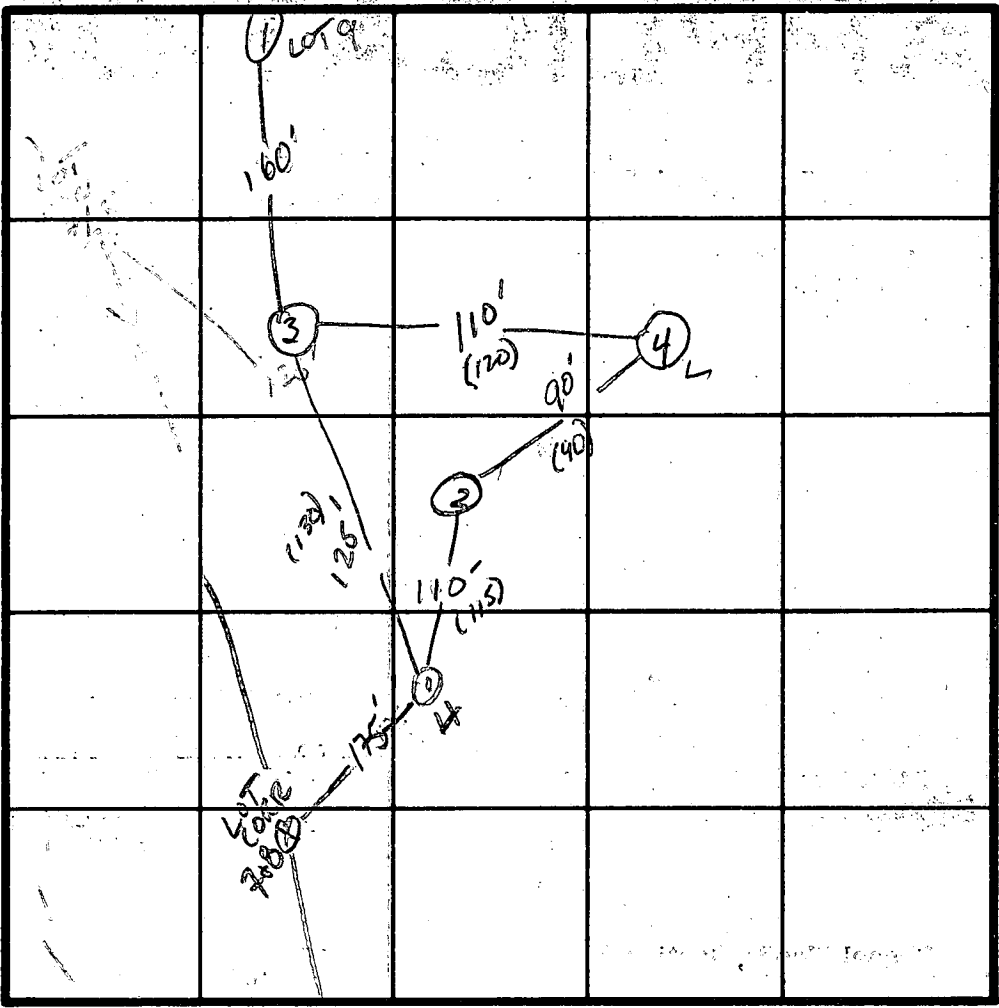
REASONS FOR REJECTION OR HOLDING 2-14-85 Perc. OK Hold for Certified HOLE PLAT.

HOUSE AND well size: small

BLDG. PERMIT SIGNED
AND RETURNED 7/24/89
Serial # 27750

SFD -

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

U Rt 108 U

① SOIL PROFILE

6" A 0-3
RED BROWN CLAY
10% SAPROLITE

4.5' RED BROWN LOAM
10% SAPROLITE

7' BROWN SAND LOAM
10-20% SAPROLITE

12'

② ③

6" A 0-3
RED BROWN CLAY LOAM
10% SAPROLITE

3' BROWN SAND SILT
20-30% SAPROLITE

13' Fx Rock
AT BOTTOM

④

6" A 0-3
RED BROWN CLAY LOAM
10% SAPROLITE

3.5' SAND LOAM
10% SAPROLITE

9' SAND/CHALK
20%-30% SAPROLITE

13'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-14-85	1S	4"	2:25	→ WATER ENTERING	6"	POT HOLES	
	1V	12"	UNIFORM SOIL STRUCTURE BELOW 5'				
	2S	4"	2:27	2:29	2:29	2:34	5 min
	2V	13'	UNIFORM SOIL STRUCTURE BELOW 3'				
	3S	4"	2:41	2:53	2:53	3:19	26 min
	3V	13'	UNIFORM SOIL STRUCTURE BELOW 4'				
	4S	3.5'	2:40	2:42	2:42	2:45	3 min
	4V	13'	UNIFORM SOIL STRUCTURE BELOW 4'				
	1m	5.5'	3:30	3:44	3:44	4:08	24 min

REMARKS

TYPE OF SOIL *Chester Association*

TESTED BY *S. Abel*

ALSO PRESENT *DevRA, FRANK, JR*
New Born Development

20-23

C1 2017 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND WELL COMPLETION REPORT

PERMIT NO. FROM "PERMIT TO DRILL WELL" HC-81-24110

COUNTY NUMBER A 34809

DATE RECEIVED DATE WELL COMPLETED 12/10/89

DEPTH OF WELL 22 245 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HC-81-24110

OWNER DEVELOPMENT NEWBURN STREET OR RFD BRIDGES CHAPEL ROAD TOWN CLARKSVILLE SUBDIVISION CHAPEL WOODS SECTION 2 LOT 1 AREA 2

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), Check if water bearing. Includes handwritten entries: SAND, GRAY MICH Rock, 0 34, 34 245.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT CM, BENTONITE CLAY BC, NO. OF BAGS 9, NO. OF POUNDS 846, GALLONS OF WATER 54, DEPTH OF GROUT SEAL 0 32 ft.

CASING RECORD: MAIN CASING TYPE ST, Nominal diameter 6, Total depth of main casing 40.

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

SCREEN RECORD: screen type or open hole ST, BR, HO, PL, OT.

Table for screen depth and slot size: DEPTH (nearest ft.) 1 40, 2 39, 3 245; SLOT SIZE 1 2 3.

A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION"

DRILLERS IDENT. NO. 239

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

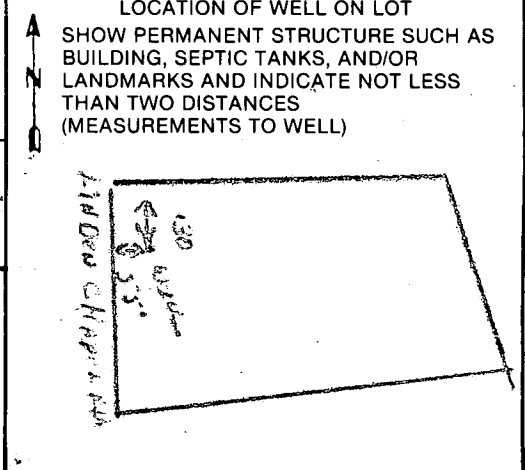
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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, TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 6 gal. per min., METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL 40, WHEN PUMPING 100, TYPE OF PUMP USED S submersible.

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES NO, TYPE OF PUMP INSTALLED, CAPACITY: GALLONS PER MINUTE, PUMP HORSE-POWER, PUMP COLUMN LENGTH, CASING HEIGHT above/below LAND SURFACE.



3/14/90
AM

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 # 45662
Date 3/9/90

Name of Installer ROBT. L. FREEZER CO., INC.

Telephone 795-1405

License Number 2122

Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner SINGLE ORGANIZATION Telephone 781-4655

Subdivision CHAPEL WOODS Lot # 14 Well Tag # HO-81-2410

Site Address 11844 LINDEN CHAPEL ROAD

Pump

- 1. Type
 - a. Deep well jet
 - b. Shallow well jet
 - c. Submersible
- 2. Make DOMING (LRSWDL)
- 3. Model # 34EN
- 4. Capacity 5 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 1/2
- 2. RPM 3450
- 3. Voltage
- a. 110
- b. 220

Pitless Adapter

- 1. Make
- 2. Model #
- 3. Depth 42'

Tank

- 1. Capacity CAPTIVE AIR WX-203
- 2. Pressure relief valve? YES

Piping

- 1. Type 7024
- 2. Size 1 1/2"
- 3. NSF and/or BOCA Code approved YES
- 4. Depth of supply line 42'

Well data

- 1. Depth 240 ft.
- 2. Yield GPM
- 3. Static water level 39 ft.
- 4. Will water supply be disinfected by installer? YES

P.A. ~~4'~~ B. C. MR
OK 3/14/90

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: Rickey J. Fodor R.L.F.Co.

Date: 3/8/90

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

LOT 18

LOT 15

CHAPEL WOODS COURT

LOT 16

LINDEN CHAPEL

R

LOT 14
3.0352 AC.

N 68°53'54" E
492.95'

30' Building Restriction Line

S 57°04'32" E
171.22'

R=975.00'
L=339.711534'

450

100' RADIUS

105'

90'

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B 1 9327

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

OEP PERMIT NUMBER

MD-81-2410

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

please print or type

fill in this form completely

Date Received

07 29 87

OWNER INFORMATION

NEWBURN DEVELOPMENT

SUITE 201 S 5705 STARKRETT

COLUMBIA MD 21034

B 3

LOCATION OF WELL

HOWARD

CHAPEL WOODS

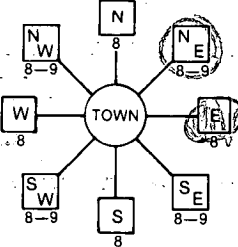
SECTION 2 LOT 14 (AREA 2)

CLARKSVILLE

MILES FROM TOWN (enter 0 if in town) 1 1/2 MI

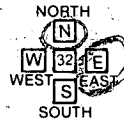
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



LINDER CHAPEL RD.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



DISTANCE FROM ROAD 50

ENTER FT or MI 50

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)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

HOWARD COUNTY NAME
A 34809 COUNTY NO.
DATE ISSUED 11 12 87
CO SIGNATURE B. Nelson
EXP. DATE 05 12 1988
NORTH GRID 508000 EAST GRID 0820000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

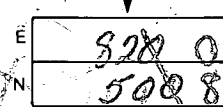
METHOD OF DRILLING (circle one)

- BORED (or Augered)
JETTED
Jetted & DRIVEN
AIR-ROTary
AIR-PERCussion
ROTARY (Hydraulic Rotary)
CABLE
REVERSE-ROTary
DRIVE-POINT

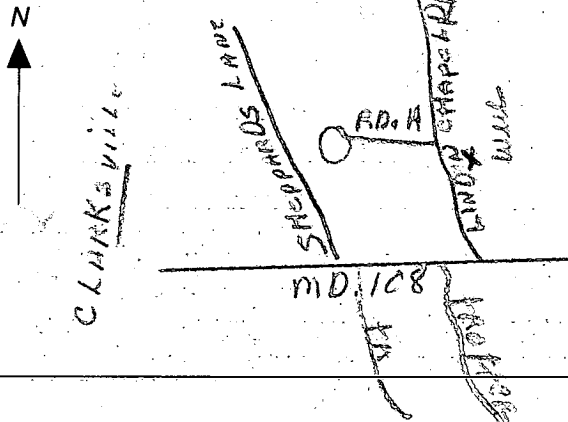
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

WRITE THE BOX NUMBER FROM THE MAP HERE



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)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER GAP

FORCE INITIALS IN BOX PERMIT No. MD-81-2410

SPECIAL CONDITIONS

12/10/87

- ① LOCATION OK PER PLANS
- ② 40 FT CASING
- ③ 32 FT OPEN HOLE
- ④ 9 BAGS
- ⑤ WELL OK
- ⑥ ARRIVED 1100 FOR GROUT AT
930 BELLAIR PREVIOUS
SEPTIC INSPECTION
- ⑦ GOT INFORMATION FROM JUANNA'S

B. Hodge