

7/6/90 : ASAP ✓  
1:00 pm

TAX # 04348893

7-6-90 Needs house  
connection DEN

9/12/90

9/13/90 - ANYTHING  
CU STICKS

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

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

## INDEXED

P 46094

A 42795

DISTRICT 3rd

DATE 06/26/90

DATE SYSTEM APPROVED 9/13/90

INSPECTOR RH

### SEPTIC SYSTEM TO BE INSTALLED PRIOR TO ISSUANCE OF BUILDING PERMIT

Fogle's Septic Service, Inc.

IS PERMITTED TO INSTALL  ALTER

ADDRESS 558 Obrecht Road, Sykesville, Maryland 21784 PHONE 795-5670

SUBDIVISION Bates Property ROAD 14955 Old Frederick Rd LOT 3

PROPERTY OWNER Abraham Bates Robert Dietz

ADDRESS \_\_\_\_\_

~~IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%~~ <sup>2180</sup> Add'l - Baltimore

GARBAGE GRINDER ~~YES~~ ~~NO~~

**BLDG. PERMIT SIGNED**  
**AND RETURNED 9-20-95**  
Serial # 61885

SEPTIC TANK CAPACITY 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 2 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 2 feet below original grade. 6 feet of stone below distribution pipe.

LOCATION - Place the distribution box 200 feet from the front lot line and 65 feet from the right side of the lot as seen when facing the lot from Old Frederick Road. Run the trenches toward the back lot line. **MAINTAIN 100 FEET DISTANCE BETWEEN SEPTIC SYSTEM AND THE WELL.**

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. OK/MR

PLANS APPROVED BY Raymond Hodges DATE 4/17/90

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

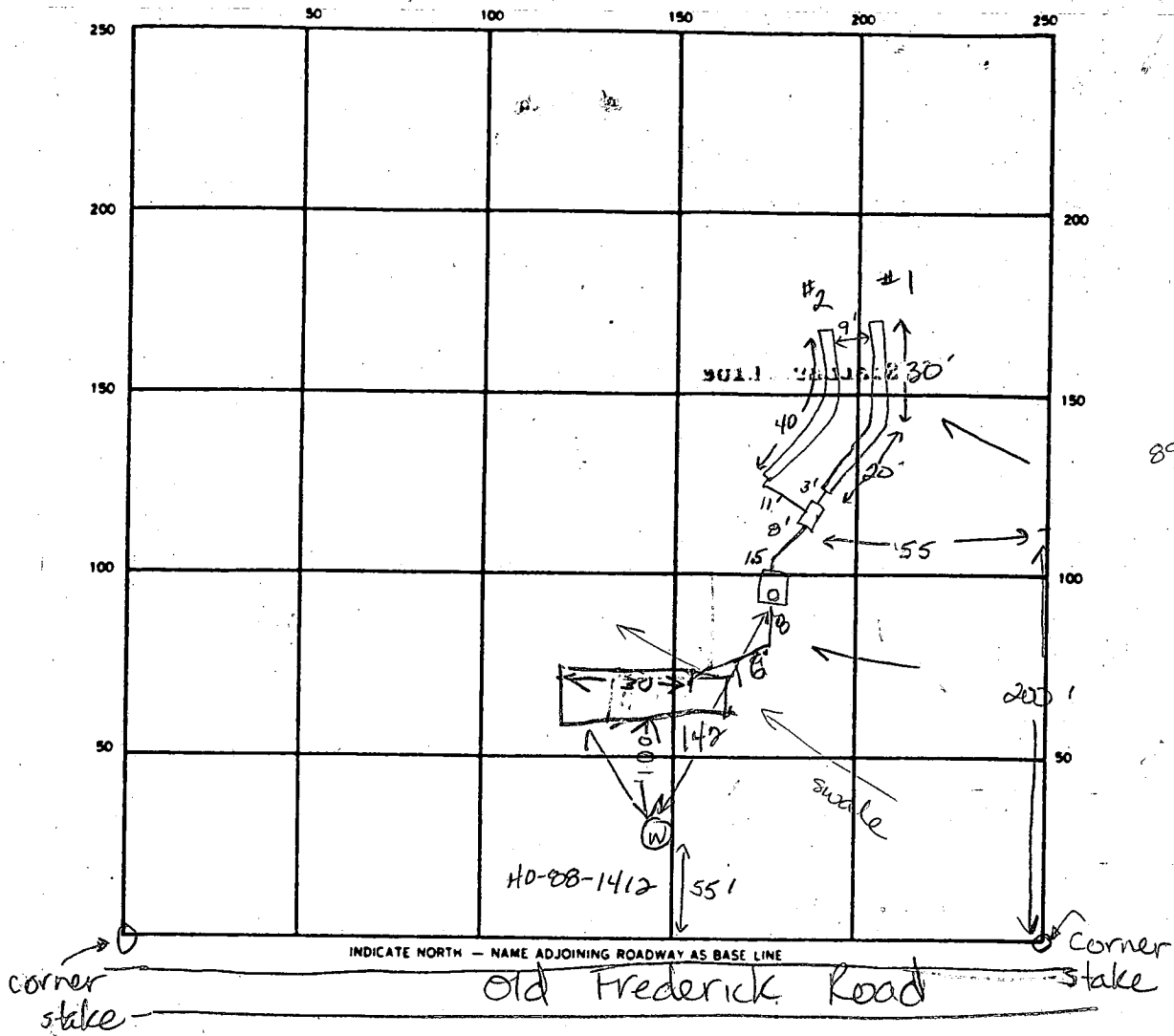
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

A 42795



89

SEPTIC TANK LEVEL 1000 gal CLEANOUTS 1 on septic tank

DISTRIBUTION BOX LEVEL OK w/ baffle

DRAIN TILE FIELD DEPTH 8 8.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2 2 FT.

EFFECTIVE GRAVEL DEPTH 6 6.5 FT. TOTAL LENGTH 30 40 FT.

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 300 260 SQ. FT.

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

ABSORBENT AREA 560 SQ. FT.

REMARKS 7-6-90 OK to stone trench #1, add pipe & paper, JEN  
7-6-90 OK to stone trench #2 & cover all work.  
Needs house connection, JEN

9/12/90<sup>1PM</sup> - HOOK UP STARTED BUT NOT FINISHED COVER  
PART OF TRENCH NEAR TANK RH

9/13/90 TANK CONNECTED

DATE SYSTEM APPROVED 9/13/90 INSPECTOR Raymond J. Hyde

10-31-88  
1:30 PM

# APPLICATION

PERCOLATION TESTING

A 42795  
P \_\_\_\_\_  
DISTRICT 3RD  
DATE Oct. 10, 1988

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE 461-9933

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 Abraham Bates Johnathan Wilkens

ADDRESS 14949 Old Frederick Rd., Woodbine PHONE (301) 442-2047

PROSPECTIVE BUYER N/A

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION: Lot 3 on Fernal

SUBDIVISION Bates Property LOT NO 2

ROAD AND DESCRIPTION Old Frederick Rd. 14955 Old Frederick Road.

TAX MAP 8 PARCEL # 73

SIZE OF LOT 3 Acres TYPE BLDG Residential  
(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.

*Mike Sedff*  
(SIGNATURE OF APPLICANT)

APPROVED BY [Signature] FOR 4/1/90 DATE 4/27/90

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

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

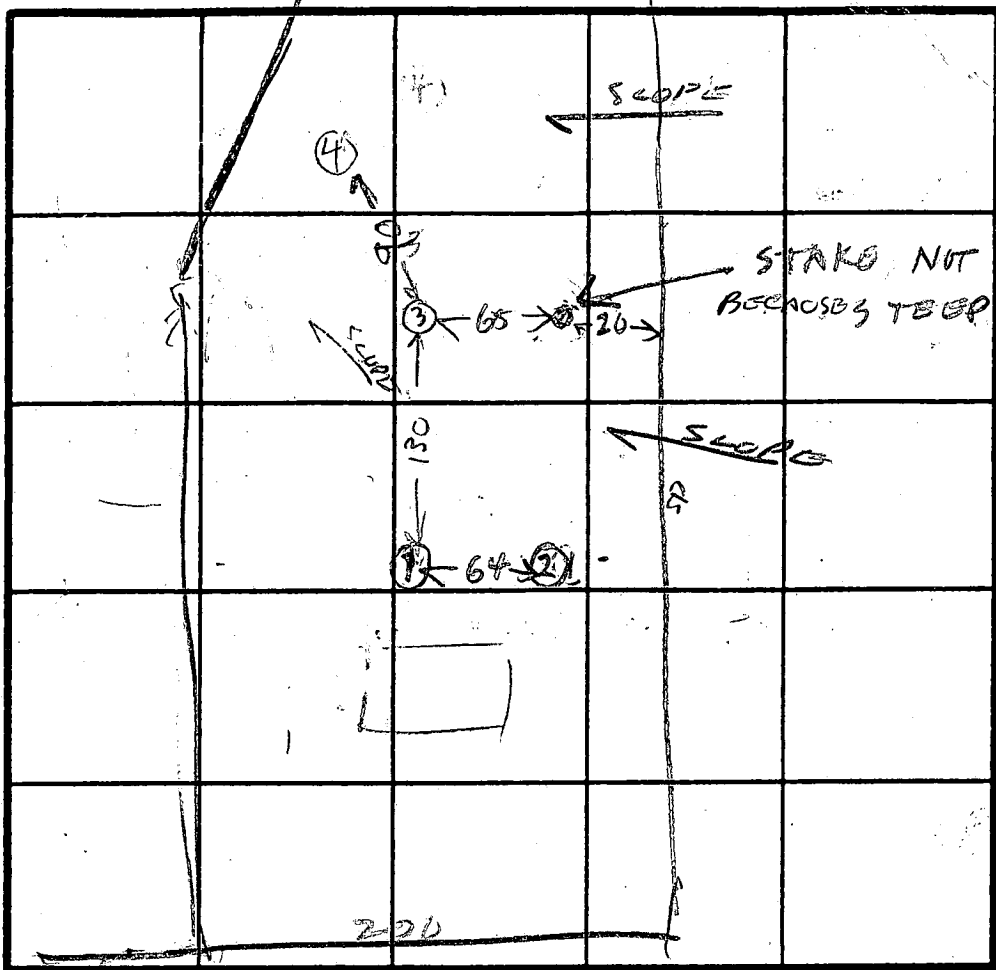
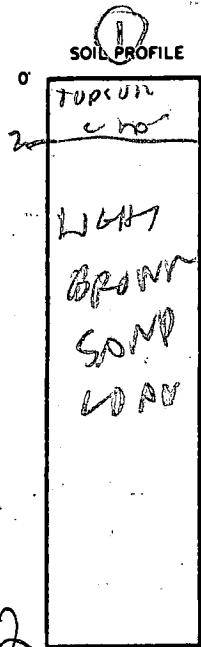
REASONS FOR REJECTION OR HOLDING 10/31/89 Perc OK Hold for Plat R/H

4/17/90 Fernal Plat OK

BLDG. PERMIT SIGNED AND RETURNED 7/8/90  
Small # 33741 - SFD

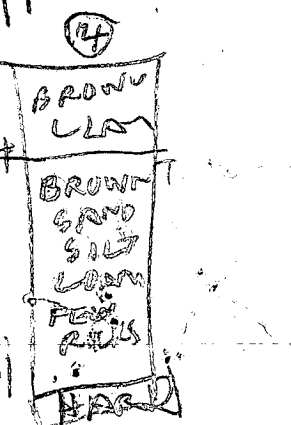
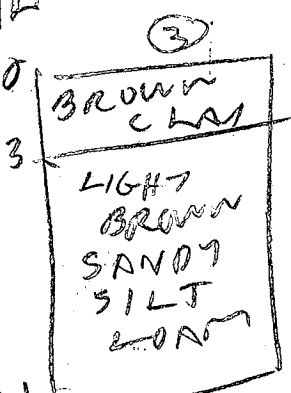
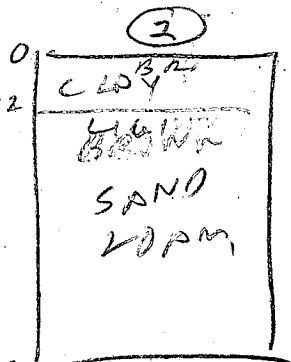
HD-216

# THIS IS NOT A PERMIT



HOLE ELEVATION

② HIGHEST  
 ③ MEDIUM  
 ④ LOWEST



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

OLD FREDERICK R

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/31/85	1S	3.5	327	329	329	334	5
	1V	12	OK				
	2S	3	408	409	400	413	5
	2V	12	414	419	419	430	11
	3S	4	420	425	425	430	5
	3V	11	OK				
10/31/86	4V	11	OK				
	4S						

REMARKS: Holes dug different from test plan because stakes were not the same at test place

TYPE OF SOIL: One hole changed because of steep slope by RH

TESTED BY: RAYMOND HUGHES

ALSO PRESENT: MR BATES, KENNY

4 430 430

BATGS PLAT  
SENT FOR  
SIGNATURE  
2/2/89 *William*

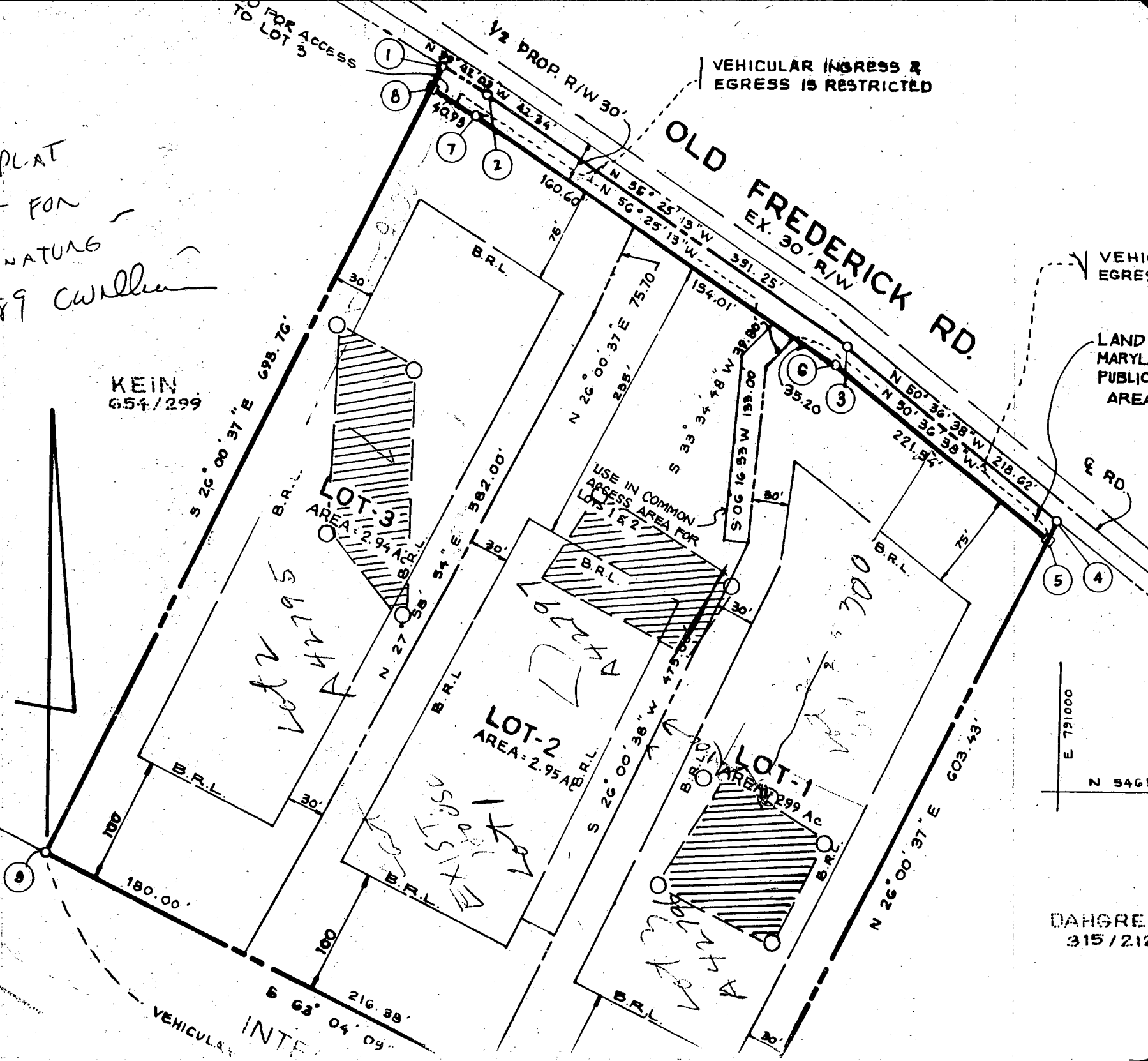
KEIN  
654/299

N 546.500

E 791000

N 546.500

DAHGRE  
315/212



INTERSTATE 70

PREPARED BY:  
 JOHN C. MELLEMA SR INC.  
 LAND SURVEYORS  
 6100 BALTO. NATL. PIKE  
 BALTO. CO. MD 21228  
 (301) 744-8880

SITE PLAN  
 LOT 3 BATES PROPERTY  
 LOT 1-3  
 3RD ELEC. DIST HOWARD CO.  
 SCALE 1"=60' APRIL 16, 1990

WELL DATA

EX. GR.  
 FIN. GR.

SEPTIC SYSTEM

INV. OF SEWER  
 FROM HOUSE: 93.70

SEPTIC TANK

EX. GR. 93.00  
 FIN. GR. 95.00  
 INV. IN 93.50 88.00  
 INV. OUT 93.20 87.70

DISTRIBUTION BOX

EX. GR. 94.50 89.00  
 FIN. GR. 94.50 89.00  
 INV. IN 92.70 87.20  
 INV. OUT 92.50 87.00

EFF. DEPTH 2' BELOW

ORIGINAL GRADE.

USE 3 TRENCHES 50' PEA

2 FT. WIDE

BOT. 8' BELOW

DRIG. GR.

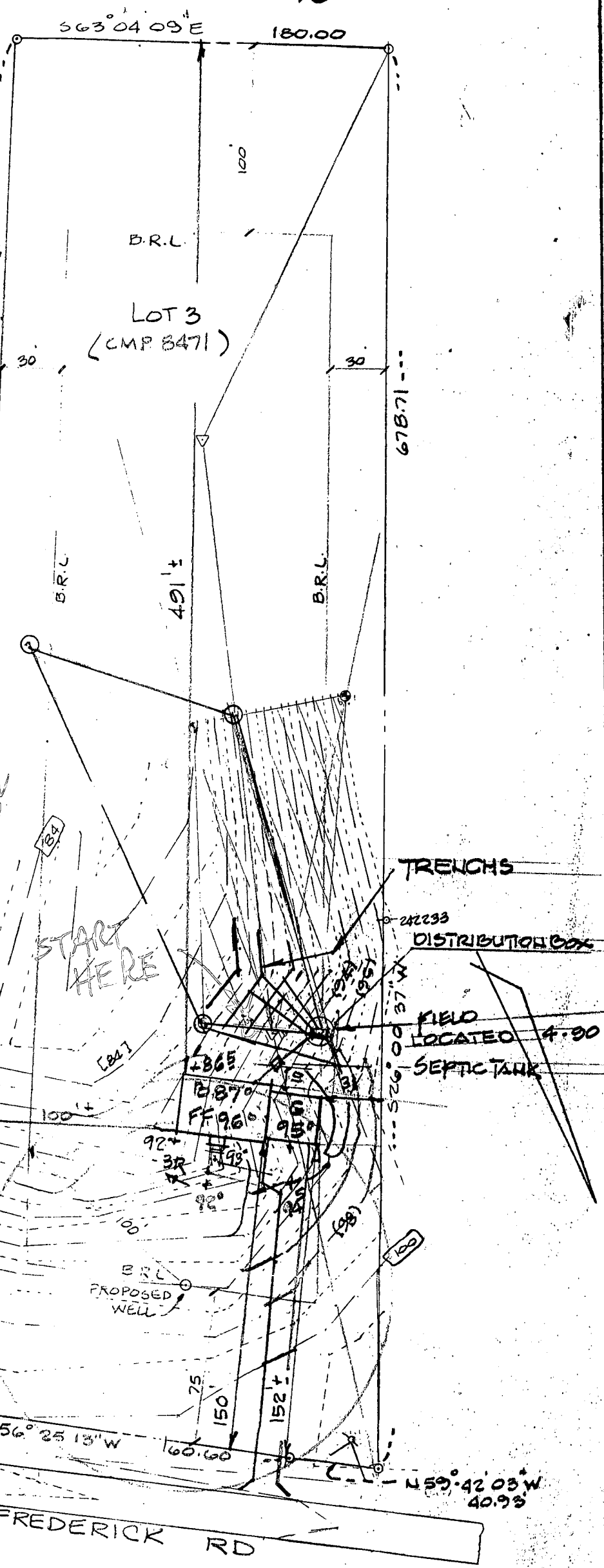
6 FT. OF STONE

BELOW DISTRI.

PIPE,

elevations OK

ML 6/26/90



OLD FREDERICK RD

C1 1636 SEQUENCE NO. (DENV USE ONLY)  
 (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 442795

ST/CO USE ONLY DATE Received [ ] [ ] [ ] [ ] [ ] [ ] DATE WELL COMPLETED 062290 Depth of Well 160 (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-11-1912

OWNER Old Line Const. last name first name STREET OR RFD Old Frederick Rd TOWN SUBDIVISION BATES PROP SECTION LOT 3

**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	
Top Soil	0	2	
Red Clay	2	4	
Red Shale	4	36	
Sand Stone	36	43	
Brown Shale	43	56	
Gray Slatc	56	69	
Brown Shale	69	71	✓
Gray Shale	71	89	
Granite Quartz	89	91	✓
Gray Shale	91	100	
Brown Shale	104		
Gray Shale	107	110	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES  NO   
 TYPE OF GROUTING MATERIAL CEMENT  BENTONITE CLAY   
 NO. OF BAGS 14 NO. OF POUNDS 1200  
 GALLONS OF WATER 70  
 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 38 ft.

**CASING RECORD**  
 casing types insert appropriate code below  
 ST STEEL  CO CONCRETE  
 PL PLASTIC  OT OTHER

**MAIN CASING TYPE**  
 Nominal diameter top (main) casing (nearest inch) 5 Total depth of main casing (nearest foot) 105

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

**SCREEN RECORD**  
 screen type or open hole insert appropriate code below  
 ST STEEL  BR BRASS  HO OPEN HOLE  
 PL PLASTIC  OT OTHER

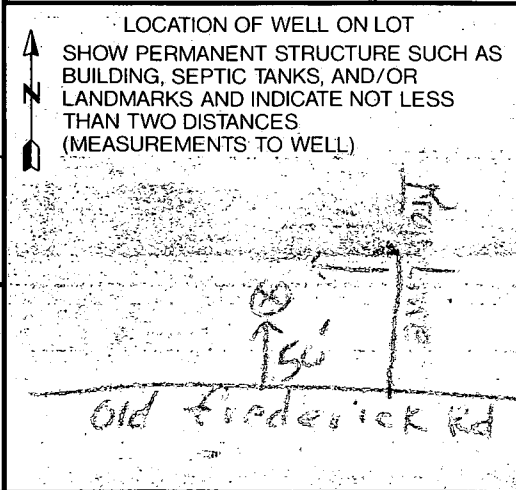
**C2**  
 DEPTH (nearest ft.) 40 103 160  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH) from to

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.) W Q  
 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.) 12  
 METHOD USED TO MEASURE PUMPING RATE Bernoulli  
 WATER LEVEL (distance from land surface) BEFORE PUMPING 33 WHEN PUMPING 54  
 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) 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 below LAND SURFACE (nearest foot)



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 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.

DRILLERS IDENT. NO. 40  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
 SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)

B 1 **3660** SEQUENCE NO. (DP USE ONLY)  
2 3 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)\*

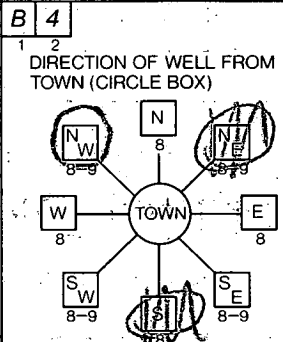
STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL  
please print or type

STATE PERMIT NUMBER  
**HO-88-1412**  
70 fill in this form completely 79

Date Received (APA) **042690**  
OWNER INFORMATION  
**OLD LINE CONSTRUCTION**  
15 Last Name 34 Owner First Name  
**BOX 341** Street or RFD 55  
**MIDDLETON** Town 70 State 72 **MD 21769** Zip 76

B 3 LOCATION OF WELL  
1 2 **HOWARD**  
8 COUNTY 21  
**BATES PROPERTY** 42  
23 SUBDIVISION  
SECTION 44 46 LOT **3** 48 50  
~~West Friendship~~  
52 NEAREST TOWN  
MILES FROM TOWN (enter 0 if in town) **2** 73 **M** 76 **I** 77 **I** 78

DRILLER INFORMATION  
Driller's Name **George F. Easterday** 40  
**L. Franklin Easterday, Inc.** 77 License No. 80  
Firm Name **9265 Brown Church Rd., Mc. Airy, Md. 21771**  
Address  
Signature **George F. Easterday** 4/24/90 Date



**OLD FREDERICK RD** 30  
NEAR WHAT ROAD  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
NORTH N  
WEST W 32 EAST E  
SOUTH S  
34 **75** 37  
DISTANCE FROM ROAD  
ENTER FT OR MI **F7** 38 39

B 2 WELL INFORMATION  
APPROX. PUMPING RATE (GAL. PER MIN.) **5** 8  
AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500** 12 14 20

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)

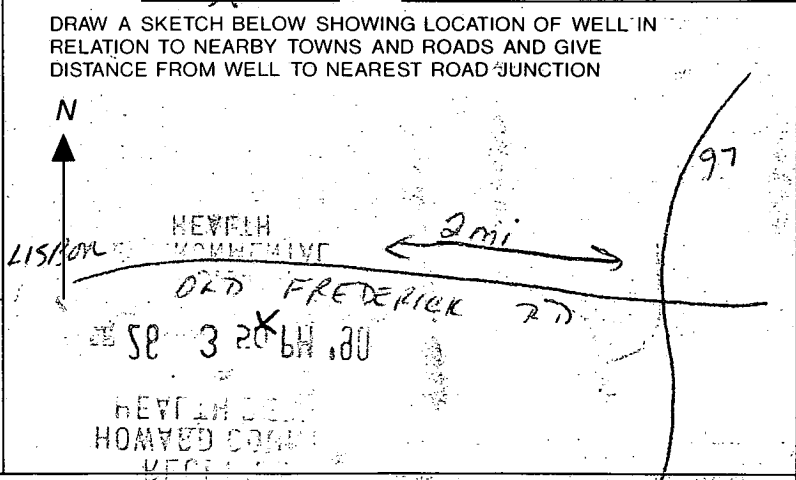
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**Howard** COUNTY NAME  
**A42795** COUNTY NO.  
STATE SIGNATURE  
DATE ISSUED **061790** INSERT S  
**Mark E. Kiffin** 12/14/90  
43 48 CO SIGNATURE EXP. DATE  
NORTH GRID **597000** EAST GRID **0791000**  
50 55 57 63

APPROXIMATE DEPTH OF WELL **205** 24 FEET 28  
APPROXIMATE DIAMETER OF WELL **6** NEAREST 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  
E **7X91**  
N **5X47** 000 000

METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
36 AIR-ROtary AIR-PERcussion ROTARY (Hydraulic Rotary)  
37 GABLE REVerse-ROtary Drive-POINT  
other

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  
39  THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY  
 THIS WELL WILL DEEPEN AN EXISTING WELL  
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 \_\_\_\_\_ 52



Not to be filled in by driller (OEP USE ONLY)  
APPROP. PERMIT NUMBER \_\_\_\_\_ G A P \_\_\_\_\_ 54 63  
FORCE **MR** WRITE INITIALS IN BOX PERMIT No. **HO-88-1412** 70 71 72 73 74 75 76 77 78 79

SPECIAL CONDITIONS **371-5770**