

2nd

9/9/85  
9/15/85 PM  
9/16/85 a.m.

# PERMIT

9-6-85  
approved  
S. Abel

P 34648  
A 29487

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
992-2330

05-342759

ELLICOTT CITY  
DISTRICT 5th

DATE 12/7/84

{ I.C.O.P. INDEXED  
Time expired }

C. C. Concrete Company IS PERMITTED TO INSTALL  ALTER

ADDRESS 7512 Contee Road, Laurel, Maryland 20707 PHONE 490-1500

SUBDIVISION Ley Property ROAD 7805 Brown's Bridge LOT 8

PROPERTY OWNER Anthony J. Fusco

ADDRESS \_\_\_\_\_

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

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

CHANGE TO 4 BR PER  
MR FUSCO

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 200 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 8 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 5 feet of stone below distribution pipe. LOCATION: Start the first trench 260 feet from the right lot line and 125 feet from the back lot line as seen when facing the property from Brown Bridge Road. Run trench(s) along level ground in direction of rear lot line.

NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Call for inspection of trench before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. If Garbage disposal is used, increase septic tank capacity by 50% and increase absorbant sidewall area by 22%.

9-6-85-WP1 - Well Line + Piness Adapter 48" below Grade; Pressure Tank w/ Relief valve in place. S. Abel

PLANS APPROVED BY C. Williams DATE 10/18/84

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

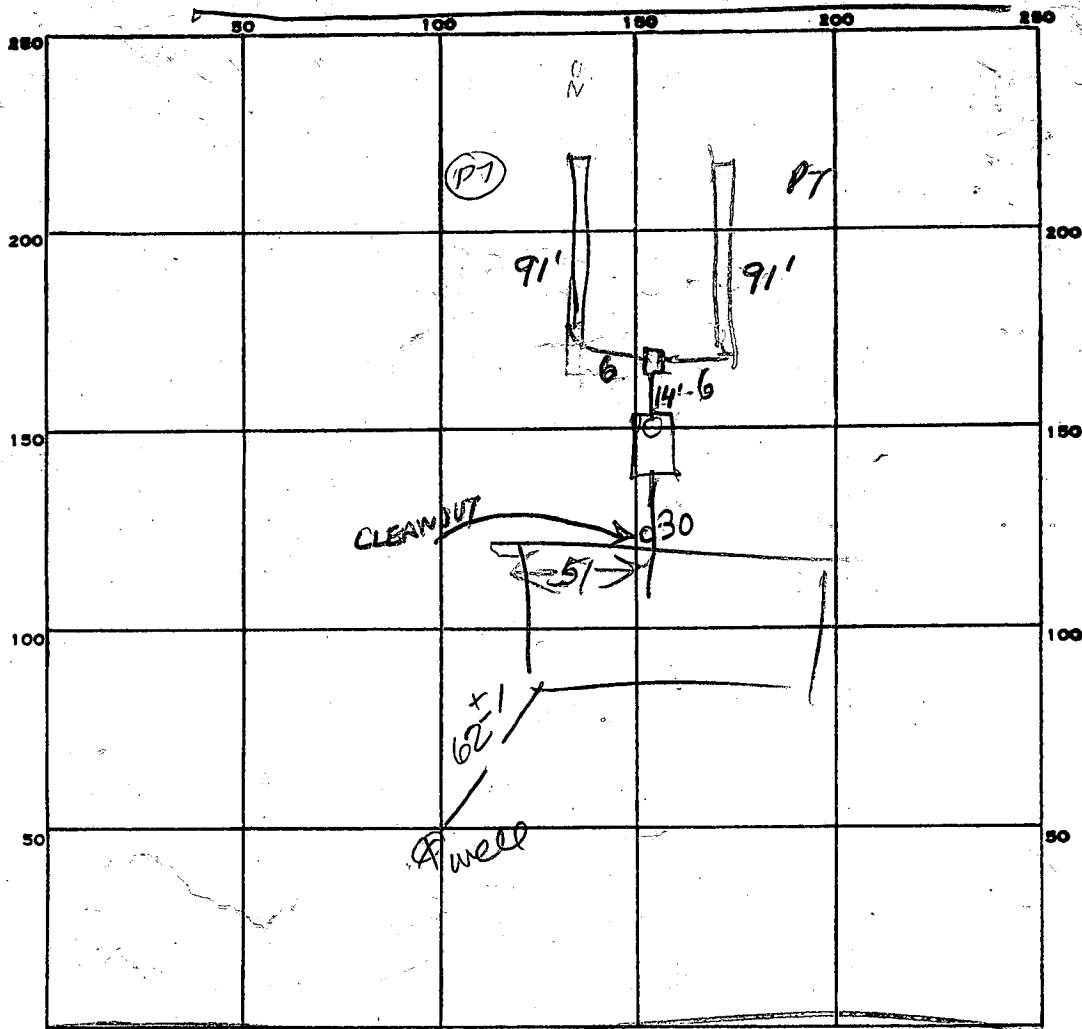
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 29487



9  
3 1/2

INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

# BROWNS BRIDGE RPS

PERMIT CARD

SEPTIC TANK, LEVEL 2000 TOP 1/4" Below <sup>Gravel</sup> CLEANOUTS AT HOUSE ✓ STV

DISTRIBUTION BOX, LEVEL OK

TRENCH #1	TRENCH #2	
DEPTH <u>9</u> FT.	DEPTH <u>9</u> FT.	TRENCH WIDTH <u>2</u> FT.

GRAVEL DEPTH <u>5.5</u> IN.	GRAVEL DEPTH <u>5.5</u> IN.	TOTAL LENGTH <u>91'</u> <u>91'</u> FT.	TOTAL
			<u>4182</u>
			<u>55</u>
			<u>910</u>
			<u>910</u>
			<u>10010</u>

NUMBER OF TRENCHES 2 ONE SIDE WALL 10010  
TOTAL BOTTOM AREA

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 1001 SQ. FT.

REMARKS 9/3/85 - LENGTHEN TRENCH #1 ADD STONE & PIPE. DIG TRENCH #2 & CALL RH 9/4/85 - FINISH DIGGING TRENCH #1 & FINISH ADDING STONE TO BOTH TRENCHES & CONNECT BOTH SIDES & PUT ON CLEANOUT 9/5/85 - COVER TRENCH #1 & TANK. FINISH TRENCH #2

DATE SYSTEM APPROVED 9-6-85 INSPECTOR S. Abel

*Permit*

# APPLICATION

A 29487

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

Septic Tank { 1-3 Bedrooms 1000 gallons  
4 Bedrooms 1250 gallons  
5th

Dry well to have 200 sq. ft. effective absorbent sidewall area per bedroom below <sup>DATE</sup> 2/2/79 inlet. Inlet to be 3 1/2' below original grade and maximum depth 9 1/2'. Location per engineers plat.

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

(Per hole 142)

or if dry well + trench used need:

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER ~~Lev property~~ ANTHONY FUSCO

(1) 5' earth buffer between trench

James Moxley, Agent of dry well  
465-4242

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

PROPERTY LOCATION:

(2) 2 inspections of trench before + after stone in

SUBDIVISION \_\_\_\_\_

LOT NO. 8

ROAD AND DESCRIPTION

Lime Kiln Road

(3) Run trenches on contour.

7825 Brown's Br. Rd.

SIZE OF LOT ?

TYPE BLDG.

5  
3 or 4 bedrooms

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.

ANY CIRCUMSTANCES.

SIGNATURE OF APPLICANT /s/ Stewart Young for James Moxley, Jr.

APPROVED BY

FOR

Dry well + 100" " + trench

DATE

4/27/79

REJECTED BY

FOR

DATE

HOLD PENDING FURTHER TESTS

DATE

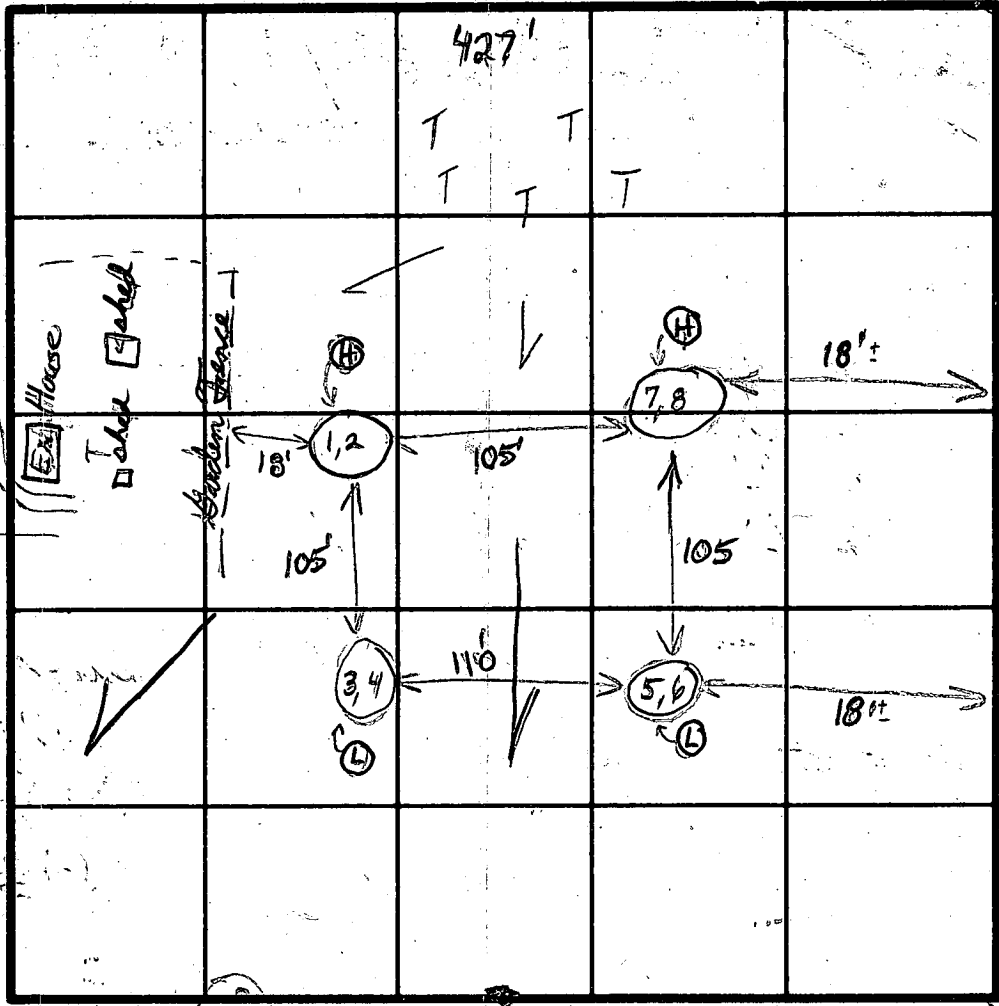
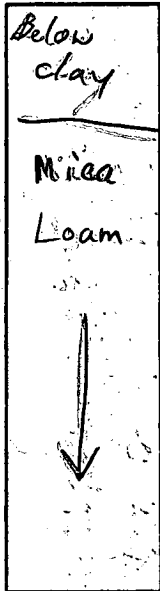
REASONS FOR REJECTION OR HOLDING

BP: 62080  
12/3/84

# THIS IS NOT A PERMIT



SOIL PROFILE



Field  
Not staked  
(Corners are in)

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Com. Corners

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/7/79	1	3 1/2"	10:03	10:04	10:04	10:06	2 min
	Ⓜ 2	13'	10:02	10:04	10:04	10:07	3 min
	3	4'	10:08	10:12	10:12	10:17	5 min
	Ⓛ 4	12'	10:08	10:10	10:10	10:14	4 min
	5	6'	10:19	10:27	10:27	10:37	10 min
	Ⓛ 6	14'	10:19	10:28	10:28	10:52	24 min
	7	5 1/2'	10:20	10:29	10:29	10:38	11 min
	Ⓜ 8	14'	10:20	10:30	10:30	10:51	21 min
						8	80

Some sandstone near bottom  
Some sandstone  
Inlet 3 1/2"  
Whitish soil  
140 yd  
10 min avg.

REMARKS: Test in open field (T=tree)

TYPE OF SOIL: Mr. Schaefer & son

TESTED BY: C.B.S. ALSO PRESENT: Mr. Young

C1 **2995** SEQUENCE NO. (OEP 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 **A 29487**

DATE RECEIVED [ ] [ ] [ ] [ ] [ ] [ ] DATE WELL COMPLETED **1/12/84** Depth of Well **205** (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" **H0-81-0793**

OWNER **FUSCO ANTHONY** last name **Brown BRIDGE RD** first name **FULTON** TOWN  
 SUBDIVISION **LEY PROPERTY** SECTION [ ] LOT **8**

**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	
Brown Shale	0	17	
Gray Mica Rock	17	205	

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
 TYPE OF GROUTING MATERIAL  
 CEMENT **CM** BENTONITE CLAY **BC**  
 NO. OF BAGS **11** NO. OF POUNDS **1035**  
 GALLONS OF WATER **66**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **20** ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
**ST** **CO**  
 STEEL CONCRETE  
**PL** **OT**  
 PLASTIC OTHER  
 MAIN CASING TYPE **ST** Nominal diameter top (main) casing (nearest inch) **6** Total depth of main casing (nearest foot) **22**

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

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

**C 2**

EACH SCREEN	DEPTH (nearest ft.)	
	1	2
1	<b>H0</b>	<b>205</b>
2	[ ]	[ ]
3	[ ]	[ ]

SLOT SIZE 1 [ ] 2 [ ] 3 [ ]  
 DIAMETER OF SCREEN [ ] (NEAREST INCH)

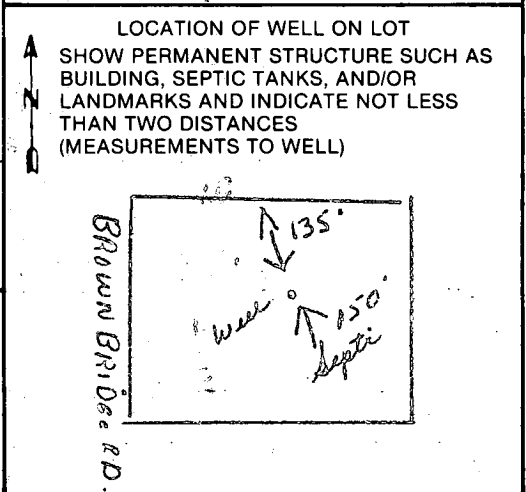
**GRAVEL PACK** [ ] from [ ] to [ ]  
 IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68 [ ]

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)  
 T [ ] (E.R.O.S.) WQ [ ] [ ] [ ]  
 TELESCOPE CASING [ ] LOG INDICATOR [ ] OTHER DATA [ ] [ ] [ ]

**C 3**

**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 PUMPING RATE (gal. per min. to nearest gal.) **10**  
 METHOD USED TO MEASURE PUMPING RATE **bucket**  
 WATER LEVEL (distance from land surface) BEFORE PUMPING **35** WHEN PUMPING **53**  
 TYPE OF PUMP USED (for test) **S** submersible

**PUMP INSTALLED**  
 DRILLER WILL INSTALL PUMP 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: **S**  
 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 } LAND SURFACE **7** (nearest foot)  
**-** below }



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 10.17.13 "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. **2381**  
 DRILLERS SIGNATURE **Joseph L. Marjone**

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



B 1 8553 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  
40-81-0793  
fill in this form completely

Date Received 11/27/84 9:30 AM  
OWNER INFORMATION  
FUSCO ANTHONY  
13307 SANTA ANITA  
LAUREL MD 20708

B 3 LOCATION OF WELL  
HOWARD  
KEY PROPERTY  
SECTION 44 46 LOT 3 48 50  
FULTON  
MILES FROM TOWN (enter 0 if in town) 2 MI

DRILLER INFORMATION  
Joseph L. Magno  
5512 Ridge Rd. Mt. Airy, Md. 21111  
10/31/84

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  
Brown Bridge Road  
200 DISTANCE FROM ROAD  
ENTER FT or MI FT

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

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
HOWARD COUNTY NAME  
A29487 COUNTY NO.  
CW William CO SIGNATURE  
5/19/85 EXP. DATE  
NORTH GRID 481000 EAST GRID 0813000

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)

APPROXIMATE DEPTH OF WELL 280 FEET

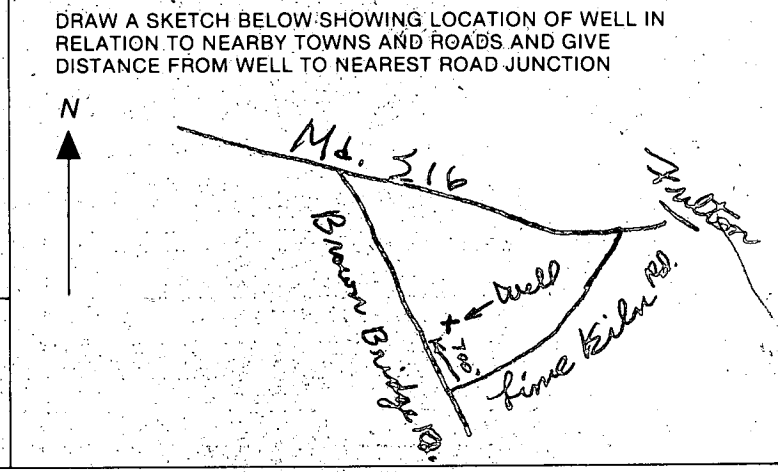
APPROXIMATE DIAMETER OF WELL 6 INCH

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  
1. WELL  
2.  
3.  
WRITE THE BOX NUMBER FROM THE MAP HERE  
810 3  
480 1  
EXISTING WELL TO BE UPGRADED OR ABANDONED BEFORE USE AND OCCUPANCY. C.W.

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)  
APPROX. PERMIT NUMBER GAP  
FORCE CW PERMIT No. 40-81-0793



SPECIAL CONDITIONS

\* MR FUSCO WAS HERE I TOLD HIM OLD WELL  
MUST BE ABANDONED & SEALED OR UPGRADE  
HE HAD NOT YET DECIDED ON WHICH OPTION TO TAKE  
RH

11/27/84

- ① Arrive ~~at~~ 9:54 AM WELL GROUT  
STARTED (9:30 START TIME)
- ② 22 FT CASING
- ③ 20 FT OPEN HOLE PER WELL GROUTER
- ④ LOCATION OK SEE BACK OF PLAT  
PAPER
- ⑤ 11 BAGS USED SOME OF CEMENT  
WENT INSIDE OF CASING & WAS  
PUMPED OUT. AFTER A WHILE  
CEMENT SET UP & CLEAR WATER  
WAS PUMPED OUT & NITRATE  
SAMPLE TAKEN
- ⑥ WELL OK

Also Present Mayne & Mayne R. Hodger  
Fusco



