

6-28-88  
1 PM  
6/29/88  
1 PM AS AP

03-305064

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

P 41792

A 24176

DISTRICT 3rd

DATE 5/18/88

DATE SYSTEM APPROVED 6-29-88

INSPECTOR JEU

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

INDEXED

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

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

SUBDIVISION Annandale ROAD 13366 Grinstead Ct LOT 11. Section 2

PROPERTY OWNER S. F. Constructors, 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 1250 GALLONS NUMBER OF BEDROOMS 4

Handwritten calculations:  
210  
840  
45  
390  
360  
300  
270  
186.6  
45)8400  
45

TRENCHES - 210 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 1/2 feet below original grade. Effective area begins at 4 feet below original grade. 4 1/2 feet of stone below distribution pipe.

LOCATION - Beginning from the right front lot corner, place the distribution box 130 feet down the right (310') lot line and 75 feet off the right line as seen when facing property from Grinstead Court. Run trenches along contour towards the right (317.12') and left (403.81') lot lines. NOTE: MAINTAIN MINIMUM 100 FEET FROM WELL TO SEPTIC.

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

PLANS APPROVED BY Bert Nixon DATE 9/03/87

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 TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES).

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.

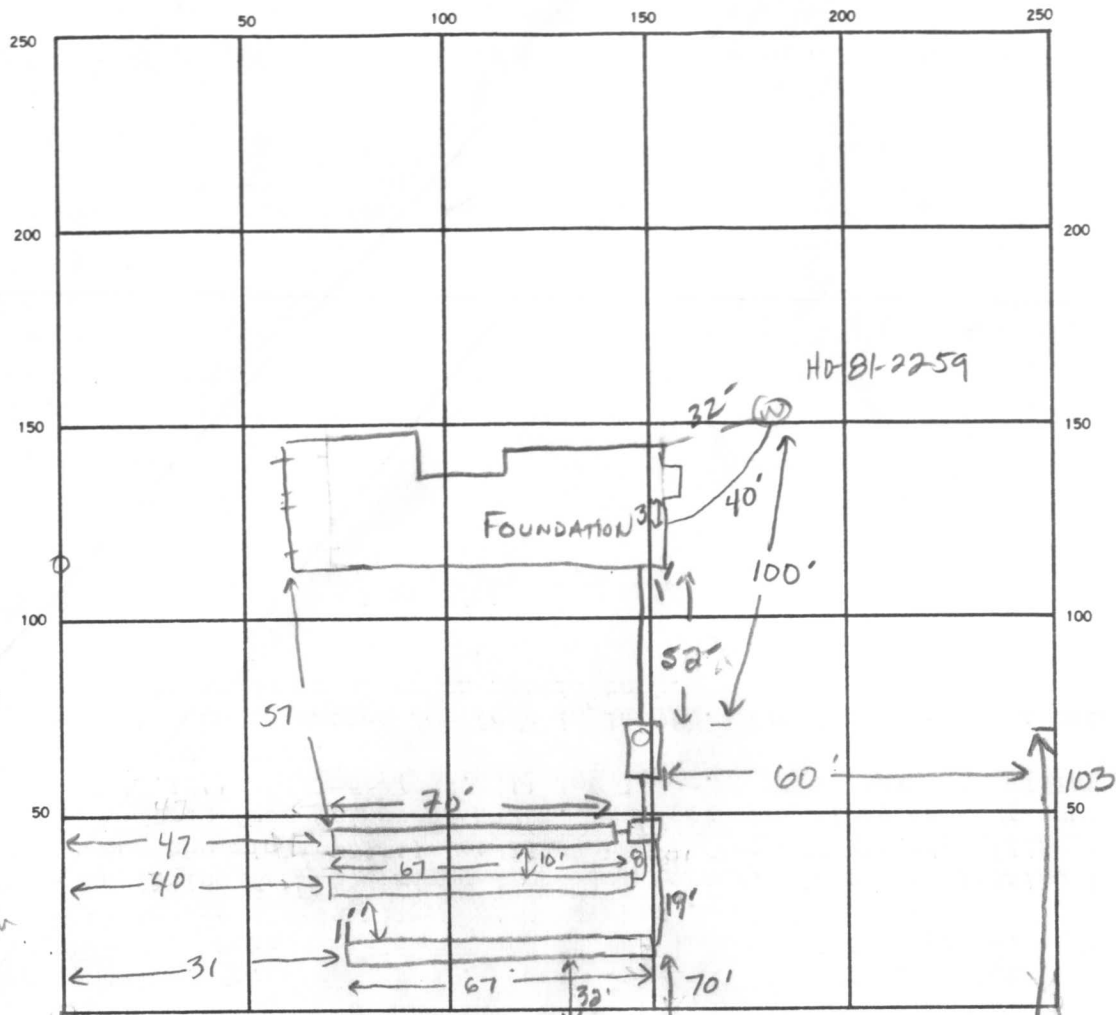
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

BLDG. PERMIT SIGNED  
AND RETURNED 5/11/88  
Serial #18450-SFD

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

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

24176



190  
45  
950  
855

190  
45  
8100  
45  
390  
415

190  
45  
8100  
45  
390  
415

170 ft trench

30  
24  
60  
120

27  
24  
108  
54

43  
24  
172  
86  
103

25  
24  
100  
50

190  
137  
52

SEPTIC TANK LEVEL 1250 CLEANOUTS VST

DISTRIBUTION BOX LEVEL with baffle

DRAIN FIELD/TILE FIELD DEPTH 8.5 8.5 8.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4.0 3.5 4.0 FT.

EFFECTIVE GRAVEL DEPTH 4.5 5.0 4.5 FT. TOTAL LENGTH 70 67 67 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL BOTTOM AREA 313 335 301 SQ. FT.

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

ABSORBENT AREA 949 SQ. FT.

70  
4.5  
330  
280  
313

267  
4.5  
335  
268  
301.5

REMARKS 6-28-88 OK TO STONE #1 - DIB # 2+3; OK TO COVER HOUSE TO TANK. SA

Piness AT 49" well line 49-56" below grade 6-29-88 OK to stone and

cover trench #2 leave deep end open on trench #3 OK to add stone, pipe

& paper to trench #3. JEN 6-29-88 OK to cover trench #3 and all

other work. Lower area of septic field has been graded with about

2.0 ft removed so bottom of repair system must be 6.5 ft maximum.

JEN 6-29-88 JEN

DATE SYSTEM APPROVED \_\_\_\_\_ INSPECTOR \_\_\_\_\_

# APPLICATION

A 24176

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 3rd

DATE 9/21/76

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 Fred James Pipes

ADDRESS 13555 Old Frederick Road, Sykesville, Md. PHONE \_\_\_\_\_

PROPERTY LOCATION: 21784

SUBDIVISION Annandale LOT NO. 19 11

ROAD AND DESCRIPTION Grinstead

SIZE OF LOT 61,000 sq. ft. TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE single family dwelling

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

SIGNATURE OF APPLICANT /s/ Fred James Pipes

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

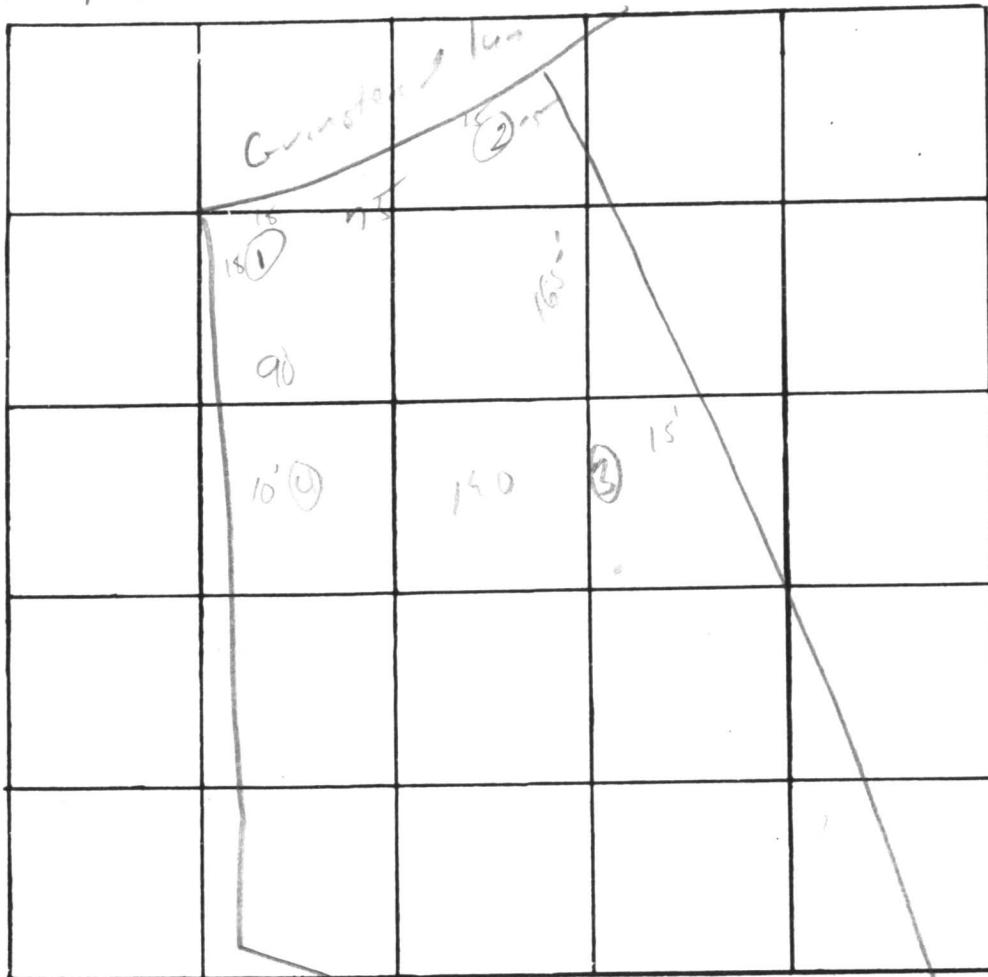
REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

A-24176



127  
127  
1500  
400  
100  
100  
100

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/98	1s	5'	1024		1050		2/5
	d	13'	1020		1050		2/5
	2s	4 1/2'	1027		1050		2/10
	d	12 1/2'	1027		1050		2/10
	3 vis	13'					
	4s	4'	1037		1047		25
	d	13'	1037		1044		25

REMARKS \_\_\_\_\_

TYPE OF SOIL Silt loam

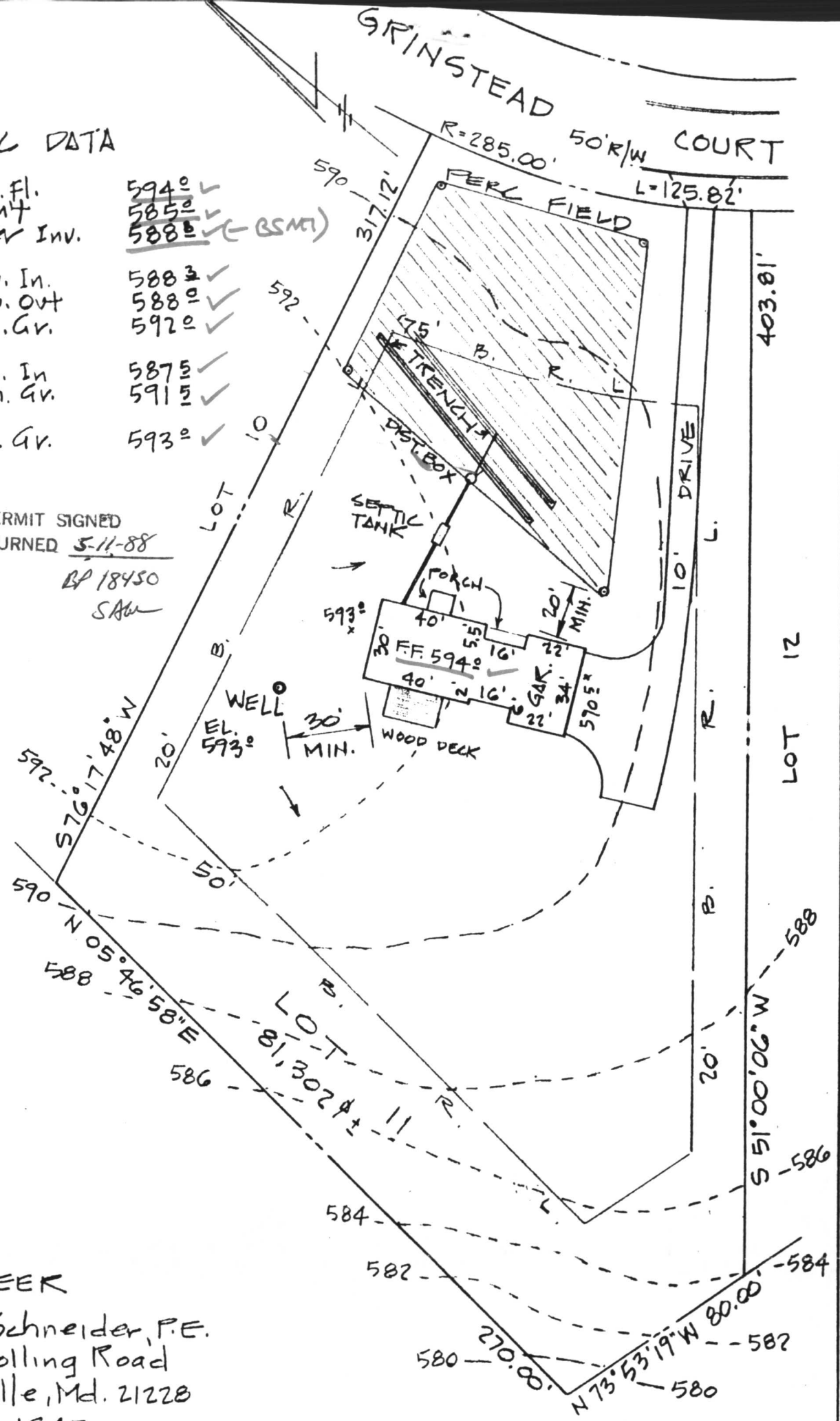
TESTED BY DAUN ALSO PRESENT: \_\_\_\_\_



SEPTIC DATA

HOUSE	FIN. FL.	594°	✓
"	B.S.M.T.	585°	✓
"	SEWER INV.	588°	✓ (BSMT)
SEPTIC TANK	INV. IN.	588°	✓
"	INV. OUT	588°	✓
"	FIN. GR.	592°	✓
DIST. BOX	INV. IN	587°	✓
"	FIN. GR.	591°	✓
WELL	FIN. GR.	593°	✓

BLDG. PERMIT SIGNED  
AND RETURNED 5-11-88  
BP 18450  
SAW



ENGINEER

John L. Schneider, P.E.  
100 N. Rolling Road  
Catonsville, Md. 21228  
301-744-1945

MAY 11 9 34 AM '88

DIVISION OF  
ENVIRONMENTAL  
HEALTH



Ct 6061

SEQUENCE NO. (OEP 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)

COUNTY NUMBER A 24176

DATE Received

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 . 13

09 24 87

22 200 26

140-81-2259

OWNER RUSHING JERRY STREET OR RFD GRINSTEAD CT. TOWN SYKESVILLE SUBDIVISION ANNANDALE SECTION 2 LOT 11

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 3 columns: Description, Feet From, Feet To. Includes entries for Top soil, Clay, Shaley, Granite, Sand Stone, etc.

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 55 NO. OF POUNDS 500

GALLONS OF WATER 30

DEPTH OF GROUT SEAL (to nearest foot) from 0 to 18 ft.

CASING RECORD

STEEL CONCRETE PLASTIC OTHER

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

OTHER CASING (if used)

diagram showing casing types and dimensions

SCREEN RECORD

screen type or open hole STEEL BRASS BRONZE PLASTIC OPEN HOLE OTHER

C 2

Table for screen depth with columns for depth (nearest ft.) and rows for each casing section.

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

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 6

METHOD USED TO MEASURE PUMPING RATE

WATER LEVEL (distance from land surface)

BEFORE PUMPING 45

WHEN PUMPING 91

TYPE OF PUMP USED (for test)

A air P piston T turbine C centrifugal R rotary other (describe below) J jet 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:

CAPACITY: GALLONS PER MINUTE (to nearest gallon)

PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

LAND SURFACE (nearest foot)

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)

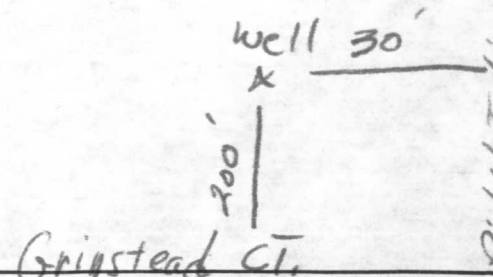
CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. 40

DRILLERS SIGNATURE

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



RECEIVED  
HOWARD COUNTY  
HEALTH DEPT

OCT 13 4 04 PM '87

DIVISION OF  
ENVIRONMENTAL  
HEALTH

