4-3-89 cancelled by contractor
4pm 4-4-89 10am ASAP - 4-5-89 8AM ASAP Am

01-185209

PERMIT

P 43889

A 40567

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

DISTRICT 1st

DATE 3/29/89

DATE SYSTEM APPROVED 4/5/89

INSPECTOR M. Riffin

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

Collins Company, Inc. IS PERMITTED TO INSTALL X ALTER ____

ADDRESS 7702 Gaither Road, Sykesville, Maryland 21784 PHONE 795-8618

SUBDIVISION Talbot's Last Shift ROAD 5277 Talbots Landing LOT 11B

PROPERTY OWNER James and Charlene Gallon

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 1000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 210 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 3½ feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3½ feet below original grade. 3½ feet of stone below distribution pipe.

LOCATION - Beginning from the right front (232.70/782.82') lot corner, start the first trench 150 feet down the front (232.79') lot line and 85 feet off the front line as seen when facing property from Right-of-way entrance. Run trenches along contour towards the right front lot line (232.79').

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
MAINTAIN MINIMUM 100 FEET FROM WELL TO SEPTIC.

PLANS APPROVED BY Bert Nixon DATE 3/15/88

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 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

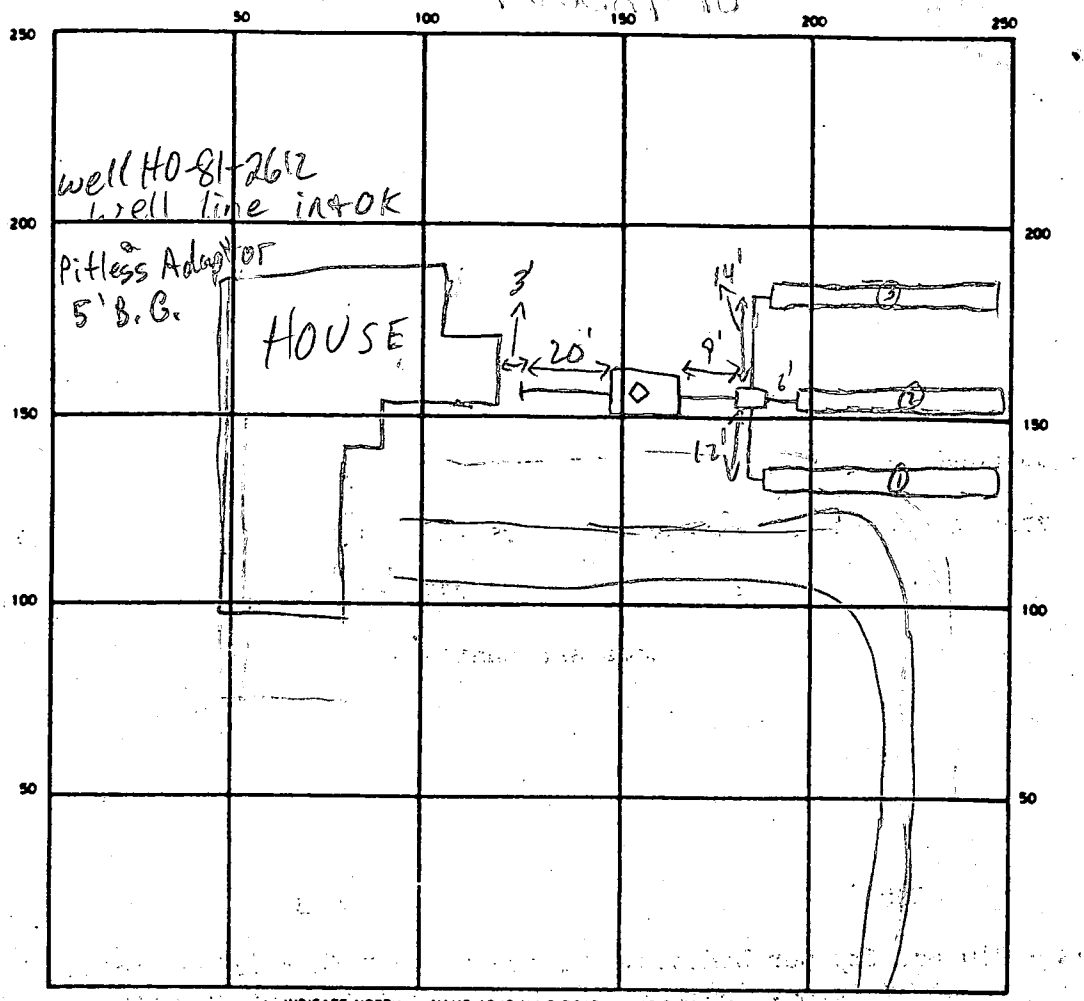
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

A 40567

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

HD-260



INDICATE NORTH — NAME ADJOINING ROADWAY AS BASE LINE

TALBOT'S LANDING

SEPTIC TANK. LEVEL OK (1500 GAL) CLEANOUTS OK (MANHOLE)

DISTRIBUTION BOX. LEVEL BAFFLE IN

DRAIN FIELD/TILE FIELD. DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3.5 FT.

EFFECTIVE GRAVEL DEPTH 3.5 FT. TOTAL LENGTH ① 72 ② 70 ③ 73 } 216 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL ~~BOTTOM~~ AREA 756 SQ FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS 4/4/89 TRENCHES DUG READY FOR STONE MR
4/5/89 TRENCHES ① + ② COMPLETE, TRENCH ③ IN PROCESS
OK TO COVER WHEN READY. HOUSE CONN NOT IN
HOMEOWNER WILL CALL WHEN COMPLETED MR

DATE SYSTEM APPROVED 4/5/89 INSPECTOR M. Rifkin

APPLICATION

2-26-88 9:30 AM

WET SEASON

A 40567

PERCOLATION TESTING

P _____

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

2/26/88 per OK'd pending approved plat (BW)

OK TO SCHED.

DISTRICT _____

DATE 12/2/87

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.

X PROPERTY OWNER JAMES & CHARLENE GALLON

ADDRESS 5281 TALBOT'S LANDING — PHONE 747-7828
ELLICOTT CITY MD 21043

X PROSPECTIVE BUYER SAME

ADDRESS _____ PHONE _____

X PROPERTY LOCATION:

SUBDIVISION TALBOTS LAST SHIFT — LOT NO. 11B

ROAD AND DESCRIPTION END OF TALBOTS LANDING ROAD, GO LEFT, PROPERTY ON LEFT SIDE

TAX MAP 31 — PARCEL # P702

SIZE OF LOT 1.752 ACRES — TYPE BLDG _____
(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. _____
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

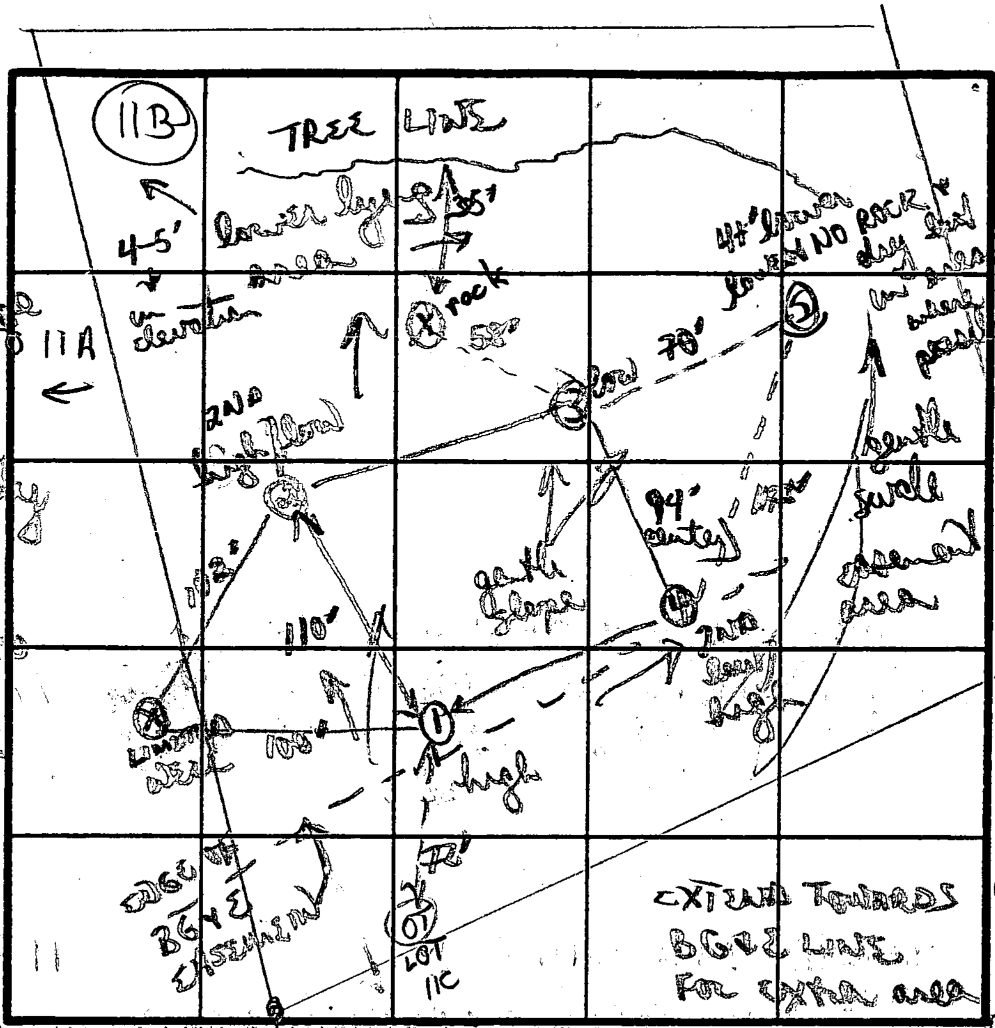
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for field located holes, approved adjustments to lot lines w/ 11A & 11C + well site.

BLDG. PERMIT SIGNED AND RETURNED OK 3/21/88
BP 17735 (BW)

HD-216

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

(P) SOIL PROFILE

0' brown/orange red chunky clay chester slightly gravelly 4' to orange gradually to tan gritty silty mica loam 12'D

2
orange/brown gritty clay loam 2' to mix mottled tan/orange gritty silty loam 8+' to grey white schist mix hard 10½'

3
brown/orange chester clay 3½' to brown orange silty loam w/ 15+% med lge schist frags 8'6 hard

5
orange clay 1½' to grey orange to dark grey brown silty mica loam w/ 10-15% small med frags 4-8' back to loam clay 12'D

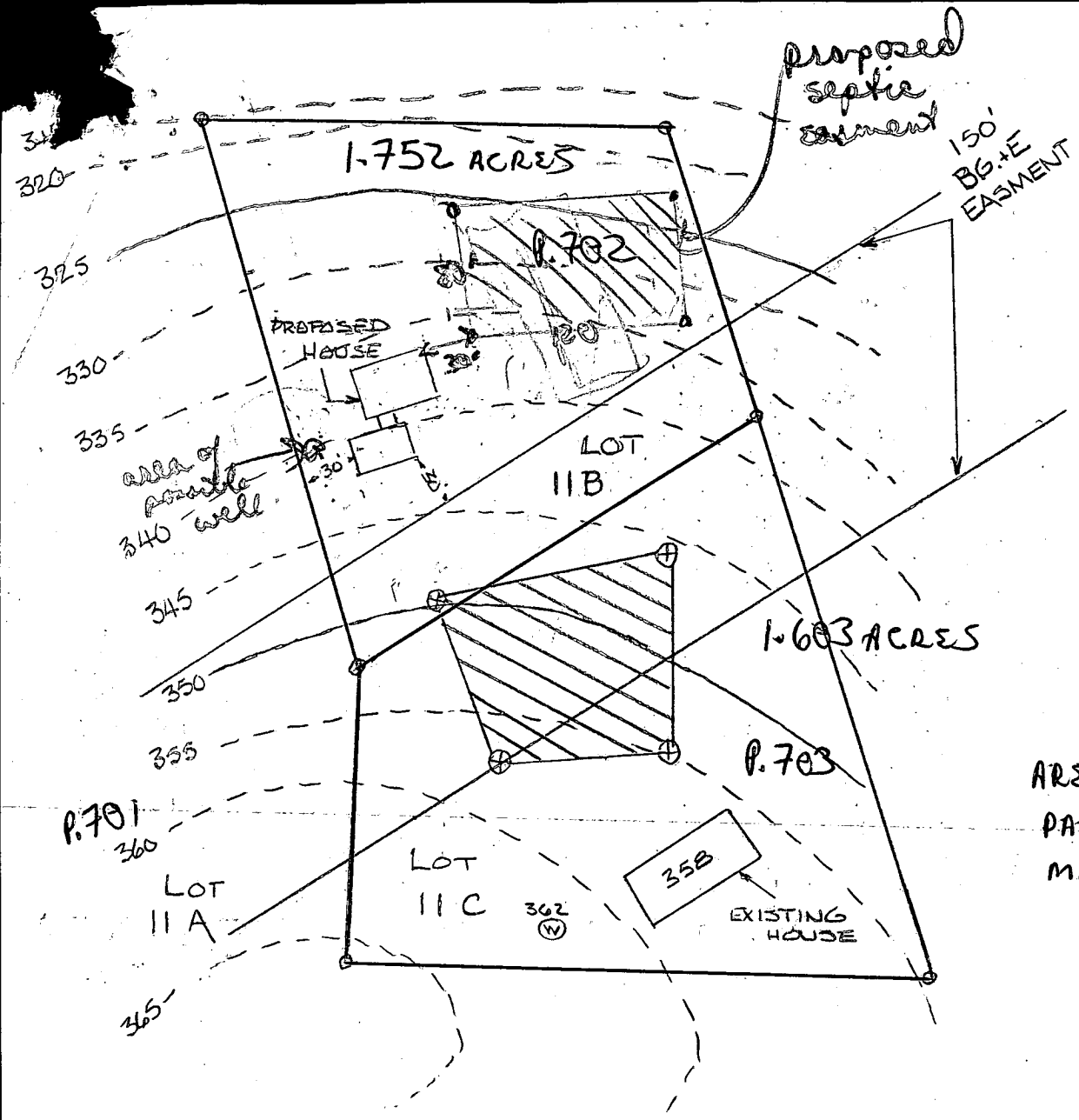
4
brown/orange gritty clay loam 4' very patchy orange brown gritty silty clay mix 12'D

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
1/26/82	(1)	4'S	1:01	1:13	1:13	1:30	17 min
		12'D	bottom (see profile)				
	2	3½ S	1:06	1:12	1:12	1:20	8 min
		10½ D	bottom (hard) see profile				
	3	3½	1:14	1:22	1:22	1:34	12 min
		10'D	hard bottom (see profile)				
	x	started digging rock 4' getting hard					
	4	4'S	1:43	1:48	1:48	1:58	10 min
		12'D	bottom (see profile)				
	5	VISUAL ORC?	12'D	GOOD	SOILS	3½-4'¼	

REMARKS lot lines for B & R may need adjusting to accom. existing well site. Likewise edge of perc field

TYPE OF SOIL for 11C or 11B. Adjustment needed

TESTED BY B Nelson ALSO PRESENT Norm Collins, Charlene



ARE SEPARATE PARCELS IN TAX MAP

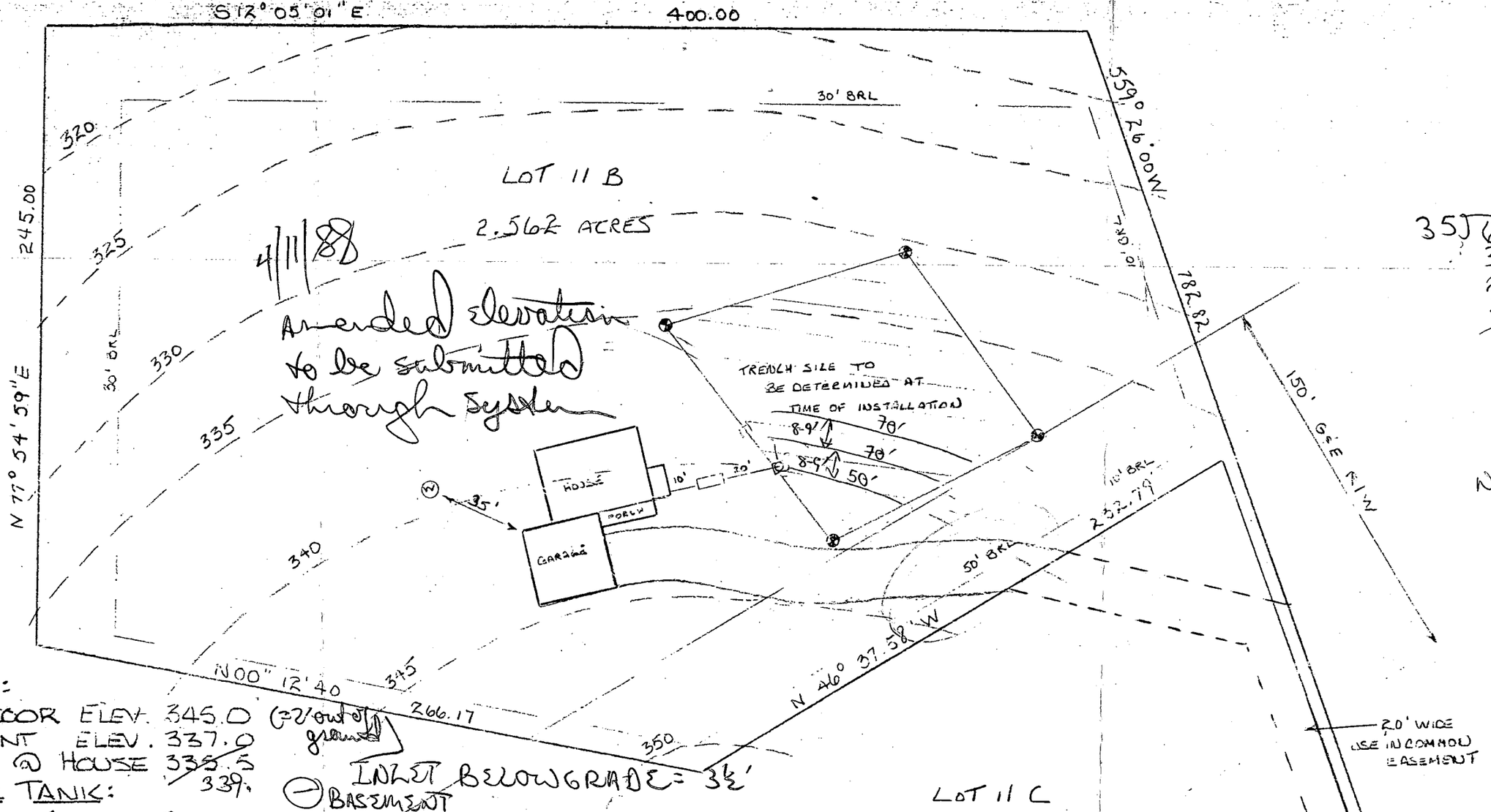
SCALE 1" = 100'

(ALSO 5017 ILLCHESTER)

5281

TALBOTS LAST SHIFT

MAP 31 Q22 P 703, P.702



180
35 | 630
35
280
280
210
3
630

NEED ≈ 180' LINEAR TRENCH

HOUSE:

FIRST FLOOR ELEV.	345.0	(2' out of ground)
BASEMENT ELEV.	337.0	
INVERT @ HOUSE	335.5 339.	

SEPTIC TANK:

EXISTING GRADE	341.0	
INVERT IN	335.25	338.7
INVERT OUT	335.0	338.3

DISTRIBUTION BOX:

EXISTING GRADE	340.0	
INVERT	334.0	
INLET INTO TRENCH	336.5	336.9

= 336.1

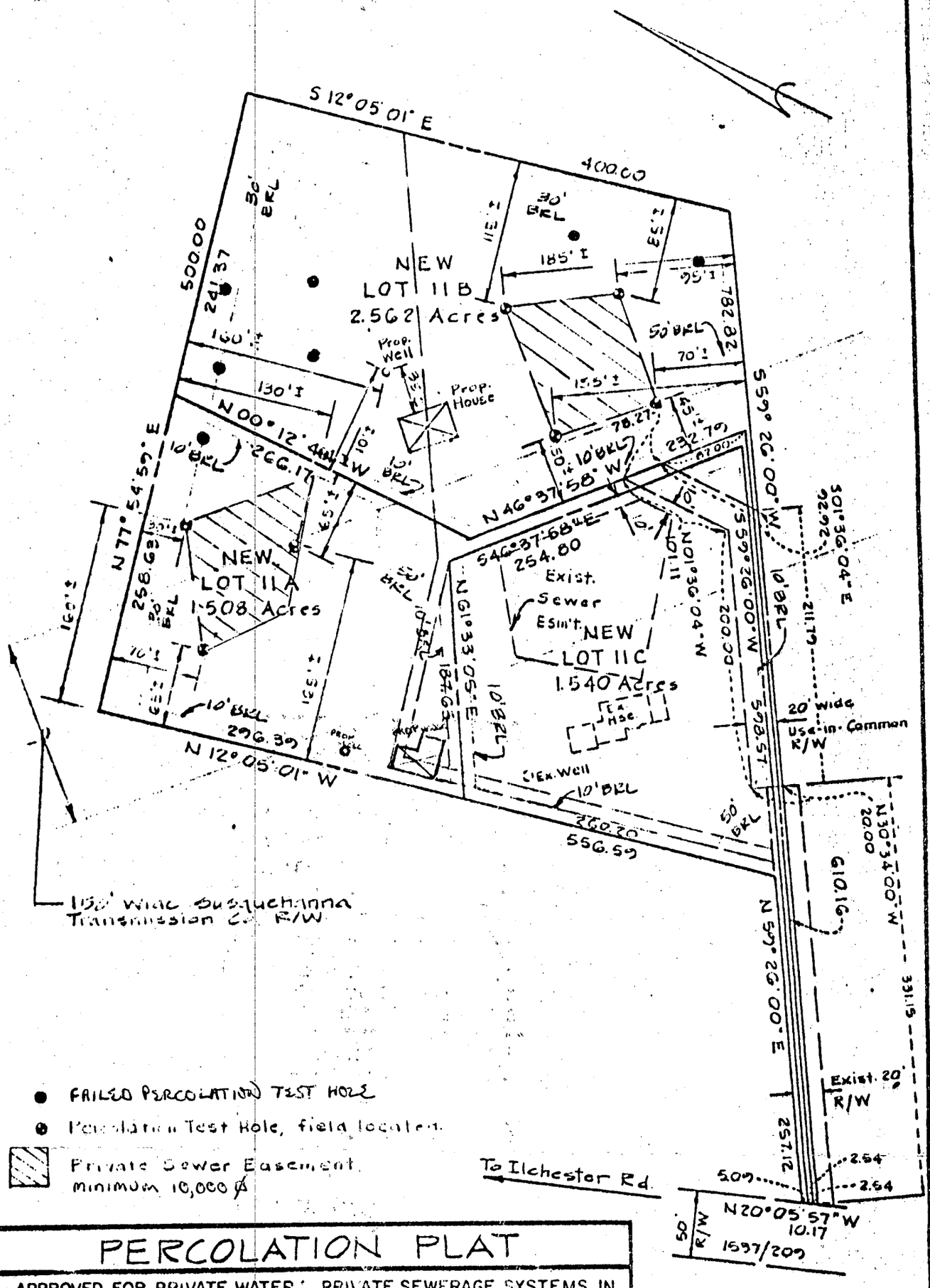
GRADING STUDY

PARCEL 11B (NEW)
TAX MAP # 31
PARCEL 701 702 703

TALBOTS LAST SHIFT

1ST ELECTION DISTRICT
HOWARD COUNTY MD.

SCALE 1" = 50'



PERCOLATION PLAT

APPROVED FOR PRIVATE WATER & PRIVATE SEWERAGE SYSTEMS, IN CONFORMANCE WITH THE MASTER PLAN OF WATER & SEWERAGE FOR HOWARD CO., HOWARD CO. DEPT. OF HEALTH & MENTAL HYGIENE.

Howard County Health Officer — Date 3-16-88

Property of:
JAMES HAROLD and CHARLENE M. GALLON
Lots 11A, 11B & 11C
Talbots Last shift

1st Election District — Howard County, Md.
Scale: 1" = 100' — Date: 3-2-, 1988

The RBA Group
ENGINEERS·ARCHITECTS·PLANNERS
5485 HARPER'S FARM ROAD
SUITE 200
COLUMBIA, MARYLAND 21044

#2065
DISC 15
FB 45

EMERGENCY/TEMP NO. IF ANY

B	1	7054	SEQUENCE NO. (DP 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

STATE PERMIT NUMBER: HO-81-2612
fill in this form completely

Date Received (APA): 033188

OWNER INFORMATION

Last Name / Owner / First Name: GALLON JAMES

Street or RFD: 5251 TALBOT LANDING

Town / State / Zip: ELLICOTT CITY MD 21043

DRILLER INFORMATION

Driller's Name: Ralph Mayne — License No.: 273

Firm Name: Ralph Mayne Well Drilling

Address: 9120 ...

Signature: Ralph Mayne — Date: 3/10/88

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)** — circled
- 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: 150 FEET

APPROXIMATE DIAMETER OF WELL: 6" NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) — JETTED — Jetted & DRIVEN
AIR-ROTary (circled) — AIR-PERcussion — ROTARY (Hydraulic Rotary)
CABLE — REVerse-ROTary — DRive-POINT
other ____

REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)

- **(N) THIS WELL WILL NOT REPLACE AN EXISTING WELL** — circled
- 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 DEEPEN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPENED (IF AVAILABLE): ____

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

APPROP. PERMIT NUMBER: GAP

FORCE: RA (WRITE INITIALS IN BOX) — PERMIT No. HO-81-2612

B 3 LOCATION OF WELL

COUNTY: HOWARD

SUBDIVISION: TALBOT LAST SHIFT

SECTION: — LOT: HB P.702

NEAREST TOWN: ELLICOTT CITY

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

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX): N, NE, E, SE, S, SW, W, NW around TOWN — S circled

NEAR WHAT ROAD: TALBOTS LANDING ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH / WEST / EAST / SOUTH — E circled

DISTANCE FROM ROAD: 250

ENTER FT or MI: FT

NOT TO BE FILLED IN BY DRILLER — HEALTH DEPARTMENT APPROVAL

COUNTY NAME: HOWARD — COUNTY NO.: A40567

STATE SIGNATURE: ____ INSERT S.

DATE ISSUED: 031588 — CO SIGNATURE: R. Nixon — EXP. DATE: 09/15/88

NORTH GRID: 506000 — EAST GRID: 1365000

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

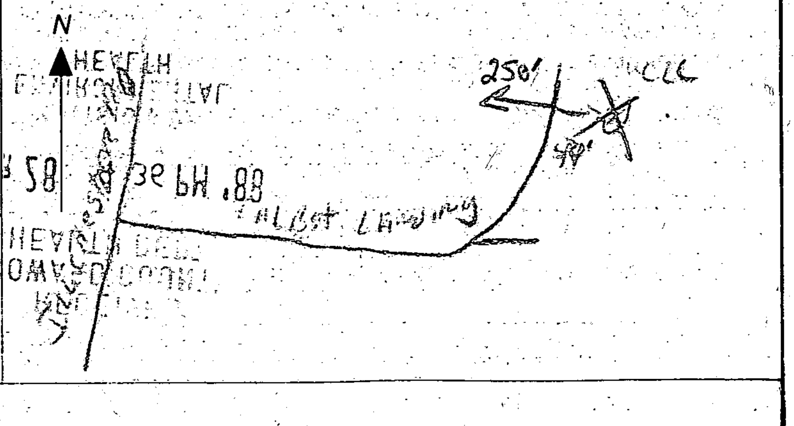
SOURCES OF DRILLING WATER
1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE
E 8605
N 5006

000
000

4/13/88 Well Grout OK
See other side
B.D.

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



HEALTH DEPT. HOWARD COUNTY — APR 28 ... 38 PM '88

SPECIAL CONDITIONS 242-7628

COUNTY

① 22 ft top
② 19 ft open hrs
③ 5 Bags
④ Well already Grouted Ok'd
information from Frank
⑤ Well Location ok'd per Ben

3/31/88 11:15 AM
B Hodge

C 1 7723 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 40567

DATE Received

DATE WELL COMPLETED 09 13 88

Depth of Well 16 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HC-81-2612

OWNER GALLON CHARLES (last name, first name)

STREET OR RFD TALBOTS LANDING ROAD TOWN ELLICOTT CITY

SUBDIVISION TALBOTS LAST SHIFT SECTION LOT 11B

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	FEET TO	Check if water bearing
Top Soil	0	2	
Sandy	2	11	
Sand Stone	11	24	✓
MICKA	24	45	
Sand Stone	45	50	✓
MICKA	50	165	

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. 273

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) Keith Wayne

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

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes [Y] no [N]

TYPE OF GROUTING MATERIAL

CEMENT [C M] BENTONITE CLAY [B C]

NO. OF BAGS 5 NO. OF POUNDS 500

GALLONS OF WATER 30

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 6 ft. (enter 0 if from surface)

CASING RECORD
casing types — insert appropriate code below

[S T] STEEL [C O] CONCRETE [P L] PLASTIC [O T] OTHER

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
12	6	22

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole — insert appropriate code below

[S T] STEEL [B R] BRASS BRONZE [H O] OPEN HOLE [P L] PLASTIC [O T] OTHER

C 2

EACH SCREEN	DEPTH (nearest ft.)
1	40 to 21 to 165
2	
3	

SLOT SIZE 1 ____ 2 ____ 3 ____

DIAMETER OF SCREEN 6 (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.) [ ] W Q [ ]

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST
HOURS PUMPED (nearest hour) 3

PUMPING RATE (gal. per min. to nearest gal.) 9

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 13

WHEN PUMPING 13

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 (CIRCLE) (YES or 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)

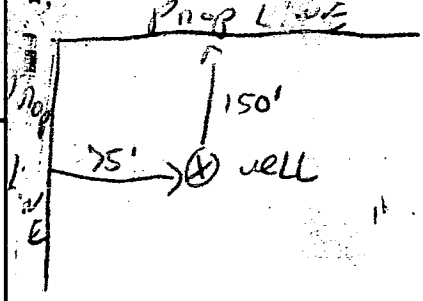
PUMP HORSE POWER

PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

[+] above [−] below LAND SURFACE 2 (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)



HEALTH

Page ___ of ___
Date 7/13/88

Review A-SA 5-C-88

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2612
Location of property (road) TALBOTS LANDING ROAD
Subdivision TALBOTS LAST SHIFT Lot 11B Block ___ Plat ___ Sec. ___
Well Driller RALPH MAYNE Owner GALLOW, CHARLENE

Depth of well 165 ft
Distance of measuring point (M.P.) above ground 1 ft
Static water level (S.W.L.) below M.P. 23 ft

I. High rate pumping -- reservoir drawdown

Time pump started 8:15 Pumping rate 9 G.P.M
Total time 15 MIN to reach pumping water level 23 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:30	23 ft	7 sec		9 G.P.M
8:45	23 ft	7 sec		9 G.P.M
9:00	23 ft	7 sec		9 G.P.M
9:15	23 ft	7 sec		9 G.P.M
9:30	23 ft	7 sec		9 G.P.M
9:45	23 ft	7 sec		9 G.P.M
10:00	23 ft	7 sec		9 G.P.M
10:15	23 ft	7 sec		9 G.P.M
10:30	23 ft	7 sec		9 G.P.M
10:45	23 ft	7 sec		9 G.P.M
11:00	23 ft	7 sec		9 G.P.M
11:15	23 ft	7 sec		9 G.P.M
11:30	23 ft	7 sec		9 G.P.M

HD-224

22' FL 19 gpm 5 boys