

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

DATE 4/7/82

INDEX

Olen Ketterman

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 14960 Frederick Road, Woodbine, Maryland, 21797 PHONE 442-1336

SUBDIVISION Parson Choice ROAD Simpson Road LOT 2 new Lot 4 as of F-82-86

PROPERTY OWNER A. W. Scott

ADDRESS 10666 Graelock Road, Laurel, Md. 20707

SPECIFICATIONS 4 Bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

DRAIN FIELD DEPTH FEET, BOTTOM AREA SQ. FT.

DEEP TRENCH DEPTH FEET, BOTTOM AREA SQ. FT.

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 158 SQ. FT. per bedroom

TRENCHES

INLET PIPE 21 FT. BELOW ORIGINAL GRADE, MAXIMUM DEPTH 10 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 75 FT. FROM left LOT LINE AND FT. FROM LOT LINE AS SEEN WHEN FACING LOT FROM

Location per engineer's plat: 75 ft. from left property line being N330 47 ft. 30" E & 259 ft. in length and 30 ft. from line N 33 10' 38" W & 220. = 32 ft. in length). Two inspections of trench before & after stone in. Run trench on contour.

PLANS APPROVED BY G.L.K. / C.B.G. / E.S. DATE 8/23/79 4/7/82

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 PLACING GRAVEL IN TRENCH.

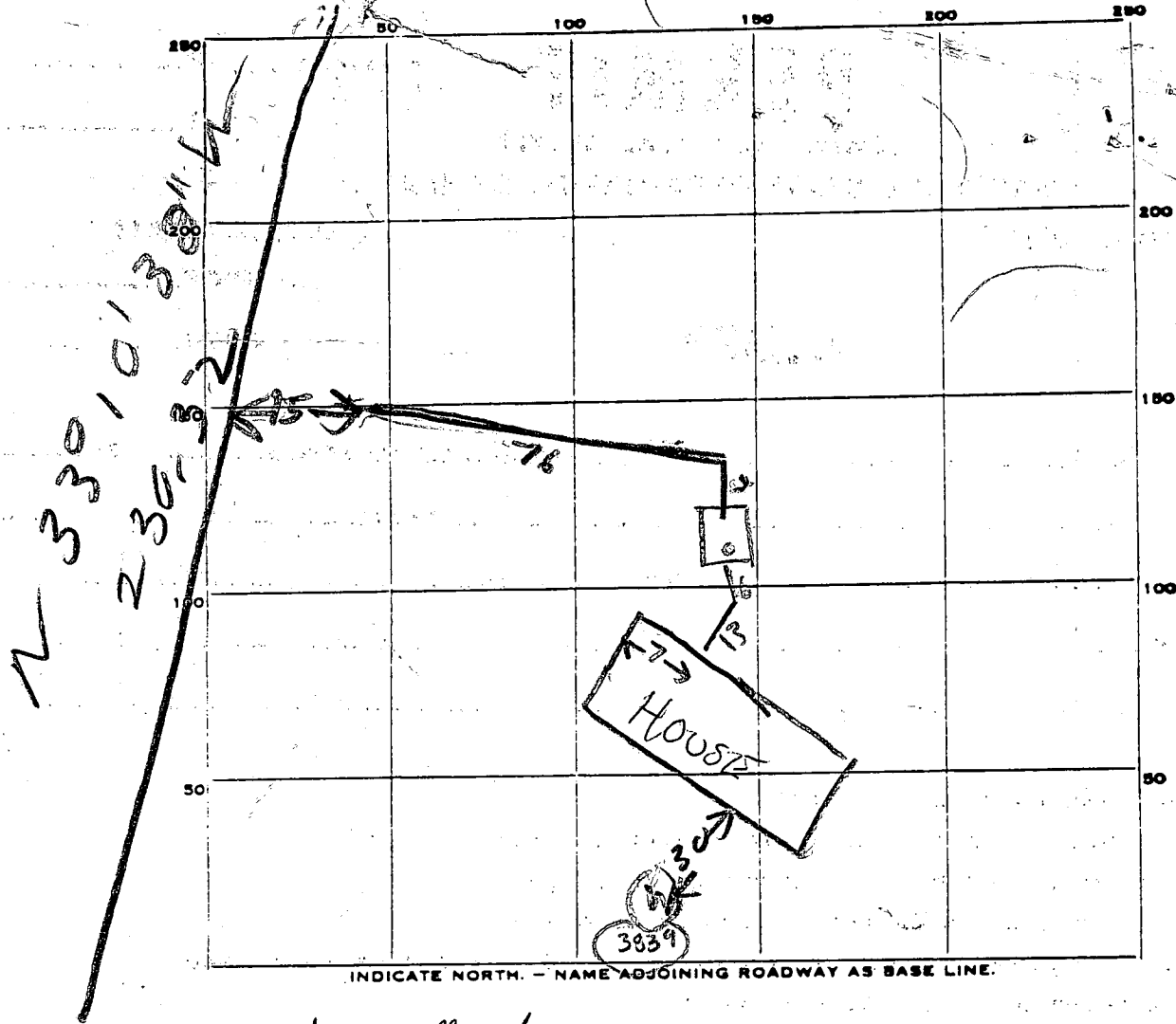
NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

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 ACCEPTED.

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



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ✓ Signed cover all work

SEPTIC TANK, LEVEL OK 1500
TOP 2 FT BOG

CLEANOUTS TANK OK

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 10.5 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 1 IN. TOTAL LENGTH 76 FT.

NUMBER OF TRENCHES 1 ONESIDE 608 SQ. FT.
TOTAL BOTTOM AREA

76
8
608

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA ±608 SQ. FT.

REMARKS 4/8/82 LOCATION OK PER PLANS

INLET TO DITCH 2 1/2 FT BOG ADD STONE TO DITCH

& CALL

4/8/82 O.K. to cover all work F.S.

DATE SYSTEM APPROVED 4/8/82 INSPECTOR F. Skene

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P.O. BOX 476 ELLICOTT, MARYLAND 21043
TELEPHONE: 992-2330

A 29309

Septic Tank { 1-3 Bedrooms: 1000 gallons
4 Bedrooms: 1250 gallons }

Dry well to have 158 sq. ft. DISTRICT 5th

effective absorbent sidewalk area DATE 12/5/78
per bedroom below inlet. Inlet to be 2 1/2' below
original grade and maximum depth 10'.

Location per engineer's plat: 75' from left property line being
N 30° 47' 30" E + 259' in length and 30' from

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

on property well + trench used used:
S line N 33° 10' 38" W + 220.32' in length

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

PROPERTY OWNER Alan C. & Elizabeth A. Borg A. W. Scott
10666 Grace Lock Road
ADDRESS c/o Suite 304, Teachers Bldg., Columbia, Md.
Laurel, Md 20707

(2) 2 inspections of trench
before + after stone in
PHONE 730-0500

PROPERTY LOCATION:

SUBDIVISION Borg property Parsons Choice LOT NO. 2

ROAD AND DESCRIPTION Simpson Road

SIZE OF LOT 3 acres TYPE BLDG. 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.

SIGNATURE OF APPLICANT /s/ Michael Coburn for Alan C. Borg

APPROVED BY G. L. K. / C. B. S. / T. S. FOR Dry Well +/or DATE 8/23/79
" " + trench 4/7/82

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

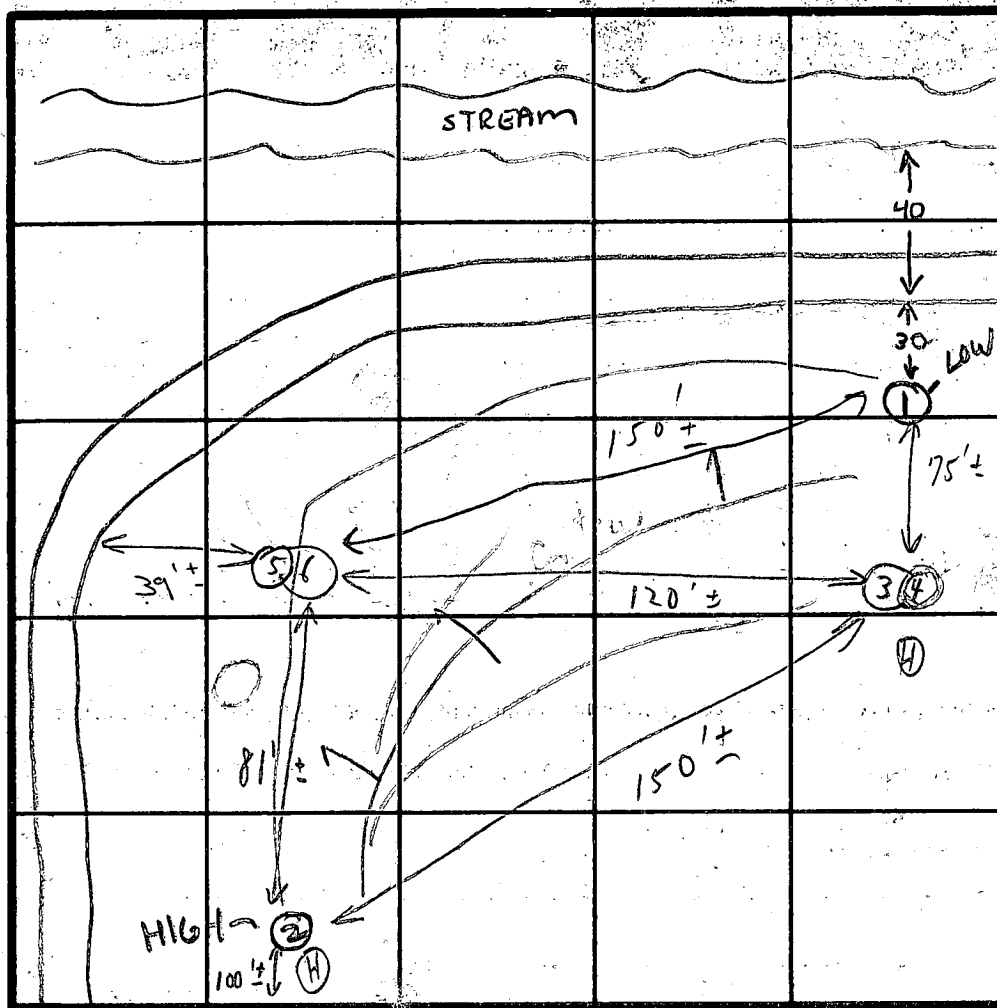
BLDG. PERMIT SIGNED
AND RETURNED 1/8/82
Serial # 485-84

THIS IS NOT A PERMIT

2

SOIL PROFILE

Below
clay
↓
mud
loam



DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST: 1" DROP START	TEST: 1" DROP STOP	TIME
12/7/78	15	2	357	359	359	402	3
	10	12 1/2	357	404	404	418	14
	25	14	VISUAL				
	20						
12/18/78	3	2 1/2'	2:28	2:30	2:30	2:32	2 min
	4	12'	2:28	2:33	2:33	2:52	19 min
	5	3 1/2'	3:02	3:05	3:05	3:09	4 min
	6	12'	3:02	3:06	3:06	3:20	14 min
						6	56

9.3 min

(RAIN)
3 → 10

10 min

135 sq
ft
per
bedroom

REMARKS

TYPE OF SOIL

TESTED BY

Tests (3, 4) in perme. tubes Run between (3, 4) + (2)

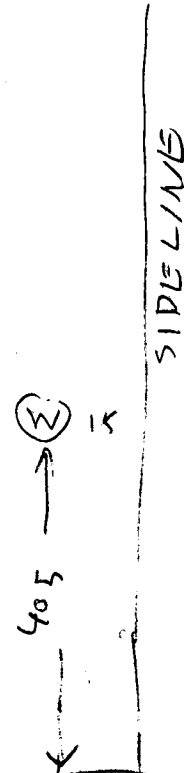
G.K. 12/7/78

C. B. A. 12/18/78

ALSO PRESENT

Ketterman + son

EMERGENCY/TEMP NO. IF ANY		STATE OF MARYLAND		WRA PERMIT NUMBER	
B 1 11816		SEQUENCE NO. WRA USE ONLY		H0-73-3839	
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		APPLICATION FOR PERMIT TO DRILL WELL		fill in this form completely	
DATE RECEIVED 3-16-81		B 3		LOCATION OF WELL	
3/27/81 8 (WRA USE ONLY) 13		COUNTY Howard		SUBDIVISION Parsons Choice	
OWNER INFORMATION		SECTION 23		LOT 2	
LAST NAME Landberg OWNER FIRST NAME Inc.		NEAREST TOWN Fulton		MILES FROM TOWN (enter 0 if in town) 2 3/10 MI	
STREET OR RFD Suite 304 Teachers Building		TOWN Columbia Md.		STATE 21044 ZIP	
B 1 CONTINUED		DRILLER INFORMATION		B 4	
DRILLER'S NAME Joseph L. Mayne LICENSE NO. 238		SIGNATURE Joseph L. Mayne DATE 3/12/81		DIRECTION OF WELL FROM TOWN (CIRCLE BOX)	
B 2		WELL INFORMATION		NEAR WHAT ROAD Simpson Road	
APPROX. PUMPING RATE (GAL. PER MIN) 5		AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 250		ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 400	
USE FOR WATER (CIRCLE APPROPRIATE BOX)		SHOW LOCATION OF WELL WITH AN "X" IN THIS BOX		DISTANCE FROM ROAD (CIRCLE APPROPRIATE BOX) 400	
☒ 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)		3/27/81 WELL OK SEE OTHER SIDE RH		WRITE THE BOX NUMBER FROM THE MAP HERE 8201 4807	
APPROXIMATE DEPTH OF WELL 220 FEET		APPROXIMATE DIAMETER OF WELL 6 INCH		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION	
Method of Drilling (circle one)					
☒ BORED (OR AUGERED) ☐ JETTED ☐ JETTED & DRIVEN ☒ AIR ROTARY ☐ AIR PERCUSSION ☐ ROTARY (HYDRAULIC) ☐ CABLE ☐ REVERSE ROTARY ☐ DRIVE POINT ☐ ROTARY 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 ☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY ☐ THIS WELL WILL DEEPEMED AN EXISTING WELL		PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____			
Not to be filled in by driller (WRA USE ONLY)		B 4			
APPROX. PERMIT NUMBER GAP		COUNTY NAME Howard COUNTY NO. A29309			
FORCE 67 INITIALS 68 CONDITIONS 69		EHA SIGNATURE Frank Skinner, Sanitarian STATE HEALTH CIRCLE BOX 5			
WRITE A E N S G W Q C L U		MO. 03 DAY 16 YR 81 DATE 3/18/81			
IN BOX		NORTH 487 EAST 0821 ELEV. (FT.) _____			
SPECIAL CONDITIONS (WRA USE ONLY)		GRID 50 GRID 57 GRID 63 GRID 65 GRID 68			



STATION 3/27/81 SIMPSON RP
1250 Lm 110

- ① 67 FT CASING $1\frac{1}{2}$ FT OUT OF GROUND
- ② 38 FT OPEN HOLE MEASURED WITH A STRING
- ③ LOCATION APPEARS OK
- ④ 110 PM Had to leave 14 Bags used so far
Will call & let us know total bags
- ⑤ RETURNED TO WELL NOTE LEFT
STATING 17 BAGS USED
- ⑥ WELL OK

400 PM
3/27/81 MRS MAYNE CALLED & SAID
17 BAGS USED RIX

C 1	8209	SEQUENCE NO. (WRA USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE	THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				COUNTY NUMBER A29309

Date Received (WRA use only)	<u>Mar 27 1981</u>	DATE WELL COMPLETED	Depth of Well <u>243</u> (TO NEAREST FOOT)	PERMIT NO. FROM PERMIT TO DRILL WELL H0-73-2839
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OWNER <u>Lamborg</u>	last name	first name	TOWN <u>Fulton</u>
STREET OR RFD <u>Simpson Road</u>			
SUBDIVISION <u>Parsons Choice</u>	SECTION	LOT <u>2</u>	

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
<u>Sand</u>	<u>0</u> <u>53</u>	
<u>gray mica rock</u>	<u>53</u> <u>243</u>	

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box)	
TYPE OF GROUTING MATERIAL	
CEMENT <u>CM</u>	BENTONITE CLAY <u>BC</u>
NO. OF BAGS <u>17</u>	NO. OF POUNDS <u>1578</u>
GALLONS OF WATER <u>1000</u>	
DEPTH OF GROUT SEAL (to nearest foot) from <u>0</u> ft. to <u>38</u> ft. (enter 0 if from surface)	

CASING RECORD		
casing types insert appropriate code below	<u>ST</u>	<u>CO</u>
	STEEL	CONCRETE
	<u>PL</u>	<u>OT</u>
	PLASTIC	OTHER
MAIN CASING TYPE	Nominal diameter top(main) casing (nearest inch)	Total depth of main casing (nearest foot)
<u>ST</u>	<u>6</u>	<u>61</u>

E A C H C A S I N G	OTHER CASING (if used) diameter (inch) depth (feet) from to	

SCREEN RECORD			
screen type or openhole insert appropriate code below	<u>ST</u>	<u>BR</u>	<u>HO</u>
	STEEL	BRASS	OPEN HOLE
	<u>PL</u>	<u>OT</u>	
	PLASTIC	OTHER	

C 2	Seq. no.	DEPTH (nearest ft.)
	<u>40</u>	<u>59</u> <u>243</u>

CIRCLE APPROPRIATE BOX	
<u>A</u>	A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
<u>E</u>	ELECTRIC LOG OBTAINED
<u>P</u>	TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL
CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT
TO DRILL WELL" AND THAT INFORMATION CONTAINED
IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE
TO THE BEST OF MY KNOWLEDGE, INFORMATION AND
BELIEF.

DRILLERS IDENT. NO. <u>238</u>
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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

SLOT SIZE	DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK	IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX <u>F</u>
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WRA 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

C 3	Seq. no.	PUMPING TEST
		HOURS PUMPED (nearest hour) <u>3</u>
		PUMPING RATE (gal. per min.) <u>5</u>
		METHOD USED TO MEASURE PUMPING RATE <u>air</u>
		WATER LEVEL (distance from land surface)
		BEFORE PUMPING <u>6.5</u>
		WHEN PUMPING <u>1.85</u>
		TYPE OF PUMP USED (for test)
<u>A</u>	<u>P</u>	<u>T</u>
air	piston	turbine
<u>C</u>	<u>R</u>	<u>O</u>
centrifugal	rotary	other (describe below)
<u>J</u>	<u>S</u>	
jet	submersible	

PUMP INSTALLED		YES NO
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)		<u>Y</u> <u>N</u>
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE		
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))		
CAPACITY: GALLONS PER MINUTE (to nearest gallon)		
PUMP HORSE POWER		
PUMP COLUMN LENGTH (nearest ft.)		
CASING HEIGHT (circle appropriate box and enter casing height)		
<u>+</u>	above	LAND SURFACE
<u>-</u>	below	(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)	
