

7/18/96
P.O. 2:00 c.o.
7/19/96
10:00 AM c.o.
7/16/96
WPI - a.m.

04347986

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

P 57003A

A 40630

DISTRICT 4th

DATE 6-26-96

DATE SYSTEM APPROVED 7-9-96

INSPECTOR [Signature]

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
~~XXXX-9933~~ 313-2640

Fogle's Septic Clean, Inc.

IS PERMITTED TO INSTALL ALTER

ADDRESS 558-R Obrecht Road, Sykesville, MD 21784 PHONE 795-5674

SUBDIVISION Ricker Property LOT 4 ROAD 13886 Forsythe Road

PROPERTY OWNER James Bourke

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 168

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 3 feet below original grade. 5 feet of stone below distribution pipe.

LOCATION - Start the first trench 225 feet down the (394') lot line and 80 feet off that same lot line (394'). Run trenches along contour toward left-rear portion of lot.

NOTES - No trench to exceed 100 feet in length. Provide 6' - 8" diameter cleanout and cap to grade or above on septic tank. 5/17/96 OR AW

PLANS APPROVED BY Glen Savage REVISED DATE 05/08/96

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, 90° ELBOWS NOT ACCEPTABLE.

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 35/40 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 PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

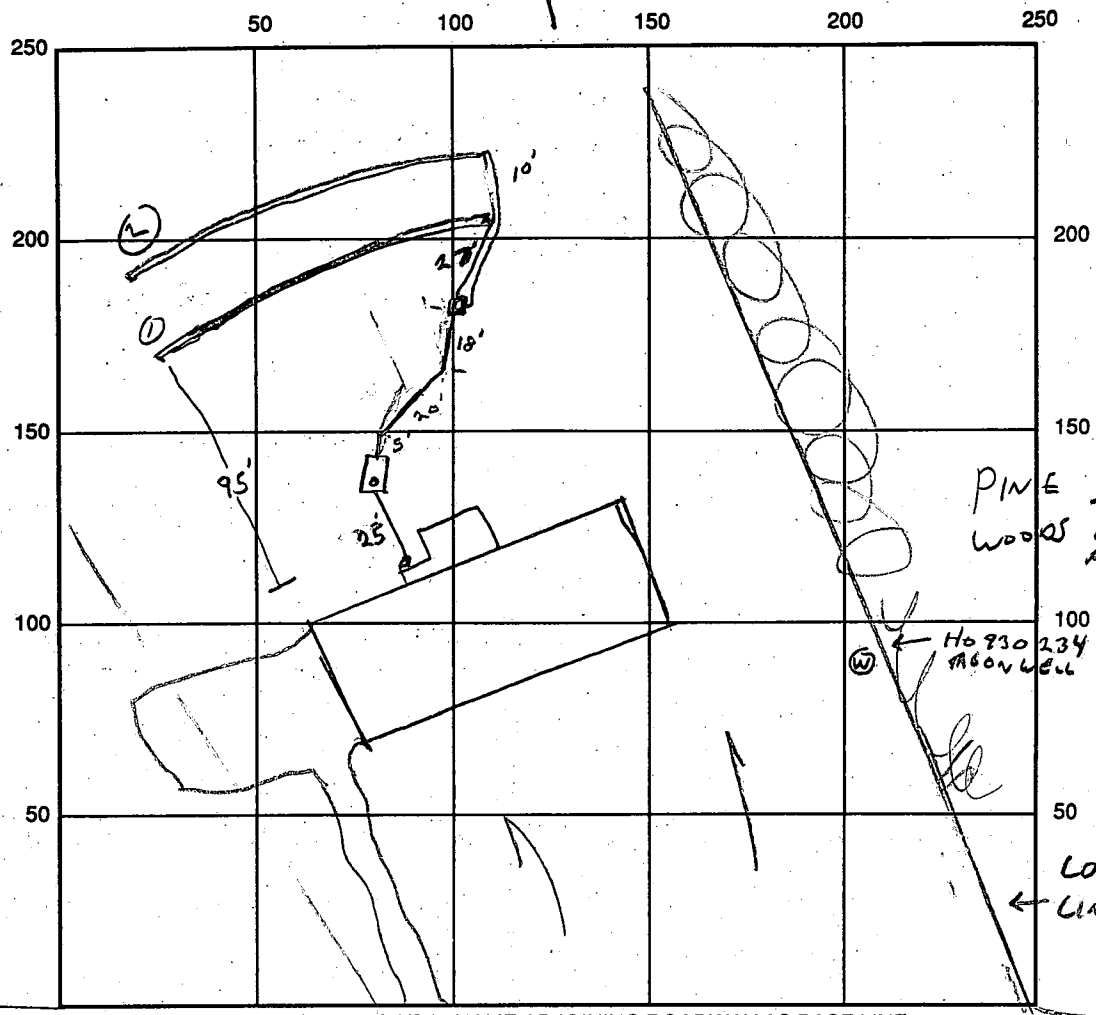
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

A
40630

POND

JOHN THOMAS BLOOMER



7/16/96
 WPT
 SEALED CAP REED
 NOTES ON TAG
 SMALL GORGE IN
 PLASTIC CASING - OK
 OK TO COVER BY
 WELL IS 100'
 TO SEPTIC TANK

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 RAILWAY TO FORSTHE RD

SEPTIC TANK LEVEL OK CLEANOUTS 1 AT HOUSE WALL

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 2.5 / 3 FT.

EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 84 / 84 / 168 FT.

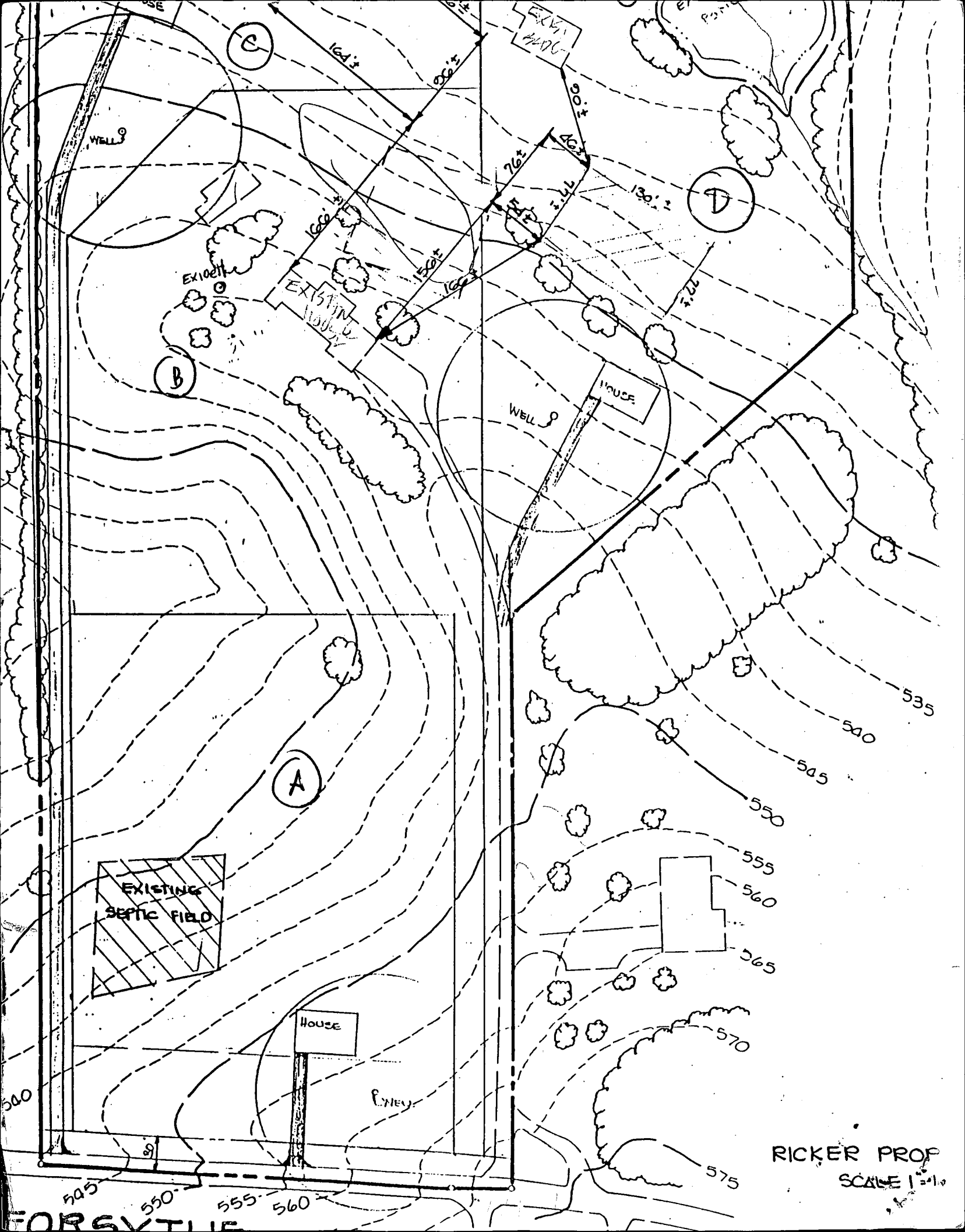
NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 840 SQ. FT.

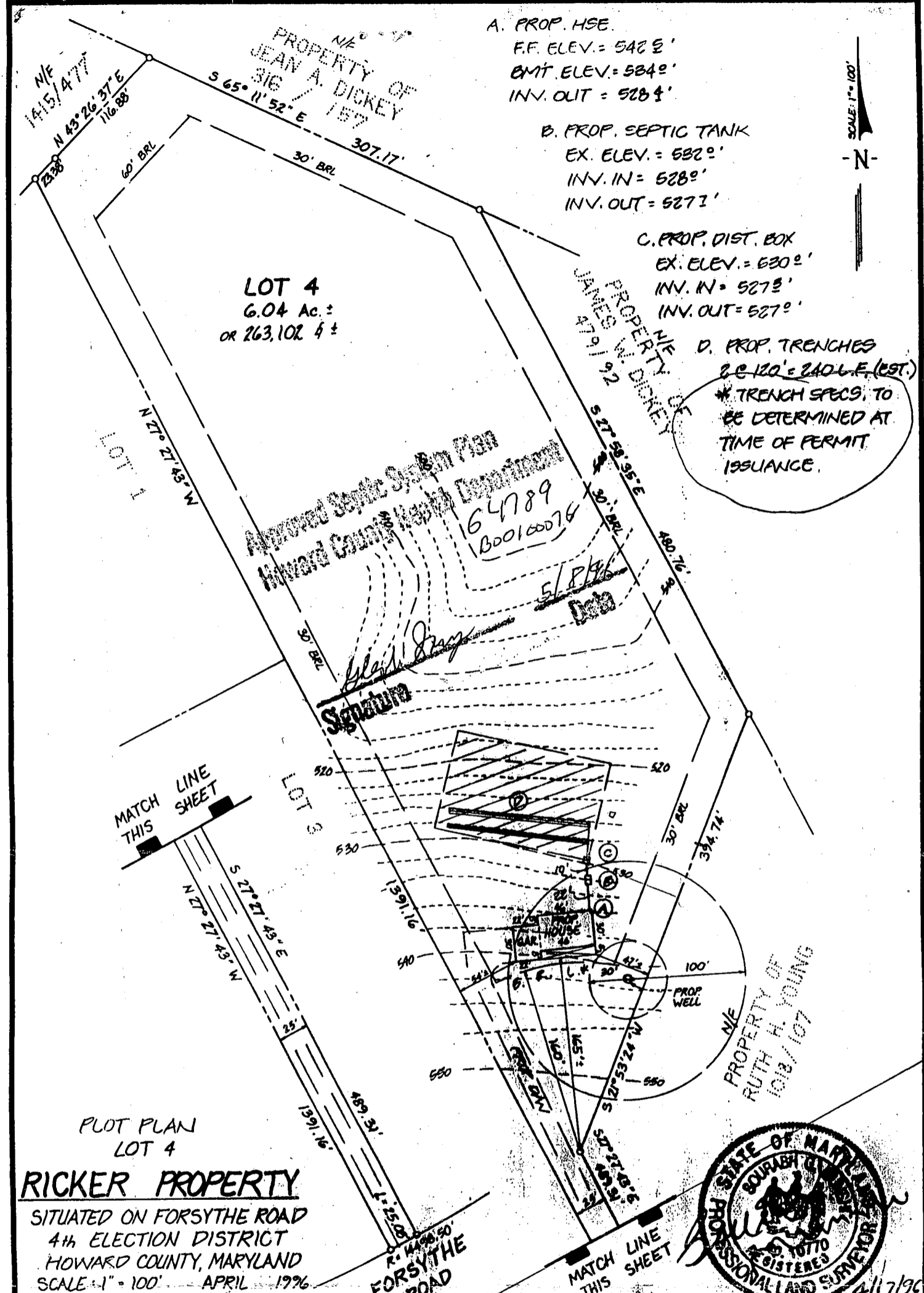
DRYWALL INSIDE DIAMETER - FT. EFFECTIVE DEPTH BELOW INLET - FT.

ABSORBENT AREA - SQ. FT.

REMARKS: 7/8/96 OK TO STONE TRENCH, TANK INLET TO BE CEMENTED
7/9/96 OK TO COVER 1ST TRENCH, OK TO STONE 2ND TRENCH
7/9/96 TANK CEMENTED, TRENCH 2 COMPLETE, OK TO COVER
SYSTEM.

DATE SYSTEM APPROVED 7/9/96 INSPECTOR Glenn Dancy





A. PROP. HSE.
 F.F. ELEV. = 542.5'
 G.M.T. ELEV. = 534.0'
 INV. OUT = 528.4'

B. PROP. SEPTIC TANK
 EX. ELEV. = 532.0'
 INV. IN = 528.0'
 INV. OUT = 527.1'

C. PROP. DIST. BOX
 EX. ELEV. = 530.0'
 INV. IN = 527.5'
 INV. OUT = 527.0'

D. PROP. TRENCHES
 2 @ 120' @ 240' E (EST.)
 * TRENCH SPECS. TO
 BE DETERMINED AT
 TIME OF PERMIT
 ISSUANCE.

LOT 4
 6.04 Ac. ±
 OR 263,102 sq ft ±

Approved Septic System Plan
 Howard County Health Department
 164789
 1B00160076

PLOT PLAN
 LOT 4

RICKER PROPERTY

SITUATED ON FORSYTHE ROAD
 4th ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100' APRIL 1976

- NOTES:
1. THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING.
 2. THIS PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS.
 3. THIS PLAT DOES NOT PROVIDE FOR ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.
 4. THIS PROPERTY IS NOT LOCATED WITHIN A FLOOD HAZARD AREA ACCORDING TO THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NUMBER
 5. A 6" DRAINAGE AND UTILITY EASEMENT IS RESERVED ALONG ALL LOT LINES.
- * B.F.L. FEV. TO 160' PER AA CASE # 96-03.



I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.



VANMAR ASSOCIATES INC.
 Engineers • Surveyors • Planners
 310 South Main Street, Mount Airy, Maryland 21771
 (301) 829-2890 (301) 831-5015

REFERENCE	JOB NO.
PLAT 11 797A	953971

APPLICATION

1/18/87 9130

PERCOLATION TESTING

A 40630

P _____

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

DISTRICT _____

DATE 12/10/87

TO: THE COUNTY HEALTH OFFICER
ELLCOTT CITY, MARYLAND

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

PROPERTY OWNER RICKER JAMES BOURKE

ADDRESS 13890 FORSYTHE RD PHONE _____

PROSPECTIVE BUYER B. ROME

ADDRESS BOX 553 E.C. PHONE 465-1869

PROPERTY LOCATION:

SUBDIVISION ~~FORSYTHE RD~~ RICKER PROP. LOT NO. D NEW LOT 4

ROAD AND DESCRIPTION 13880 FORSYTHE RD

TAX MAP 9 PARCEL # 63

BLDG. PERMITS SIGNED
AND RETURNED 5/8/86
Serial # 64789 - 4 Bms
165.

SIZE OF LOT _____ 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.

J. Benjamin Rome
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

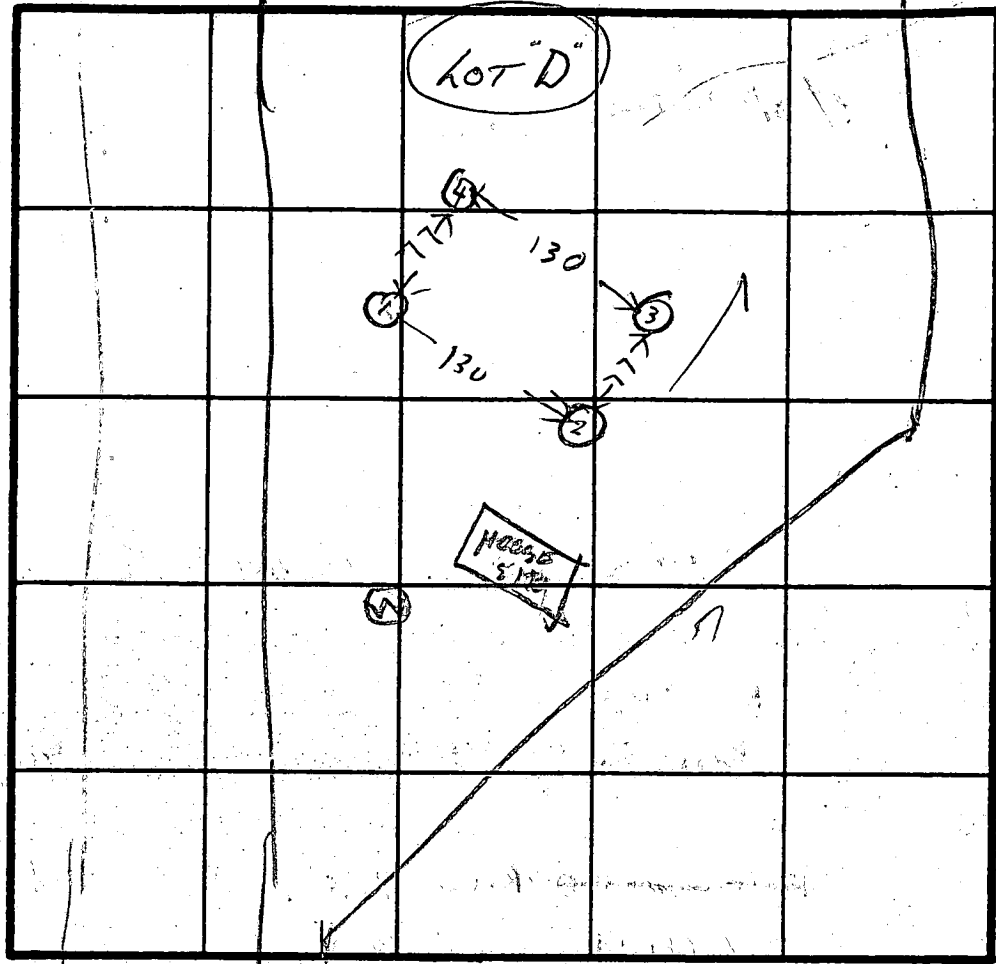
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 1/18/88 PERC. OK HOLD FOR PLAT R/H

HD-216

THIS IS NOT A PERMIT

SOIL PROFILE
 0
 TOPSOIL CLAY
 1
 PINK BROWN SAND LOAM FEW COBBLES



HOLE ELEVATION
 ①② = HIGH
 ③④ = LOW

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

10
 0
 2
 15
 ①③④
 CLAY TOPSOIL
 PINK BROWN SAND LOAM

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/18/27	1V	1.0	OK				
	2D	6 1/2	1042	1051	1050	1058	8
	2S	4	1042	1049	1049	1058	9
	2V	11.5	OK			A	
	3S	3.5	1052	1057	1057	1100	3
	3V	11.5	OK				
	4S		1102	1104	1104	1107	3
	4V	11	OK				

REMARKS _____

TYPE OF SOIL _____

TESTED BY R. H. ...

ALSO PRESENT DKETTERMAN SON
RISONS DEVELOPER

C1 0130

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER

A-40630

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

013096

22 365 26 (TO NEAREST FOOT)

28 29 30 31 32 33 34 35 36 37 H0-93-0234

OWNER: BOESCHE STEVEN; STREET OR RFD: 13876 FORSYTHE ROAD; TOWN: SYKESVILLE; SUBDIVISION: PATTONVILLE RICKER PROP; SECTION: ; LOT: 4

WELL LOG

Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), check if water bearing. Rows include Top Soil, Brown Shale, Brown Slade, Blue Stone, Flint Rock, Blue Stone.

GROUTING RECORD

WELL HAS BEEN GROUTED (Y/N); TYPE OF GROUTING MATERIAL (Cement, Bentonite Clay); NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD

MAIN CASING TYPE (PL, ST, CO, OT); Nominal diameter top (main) casing; Total depth of main casing.

OTHER CASING (if used)

Table for other casing with columns: diameter inch, depth (feet) from, to.

SCREEN RECORD

screen type or open hole (ST, BR, HO, PL, OT); insert appropriate code below.

C2

DEPTH (nearest ft.) table with rows A, C, H, S, R, E, N and columns for depth measurements.

SLOT SIZE 1, 2, 3; DIAMETER OF SCREEN; GRAVEL-PACK IF WELL DRILLED WAS FLOWING WELL INSERT.

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER); TELESCOPE CASING; LOG INDICATOR; OTHER DATA.

C3

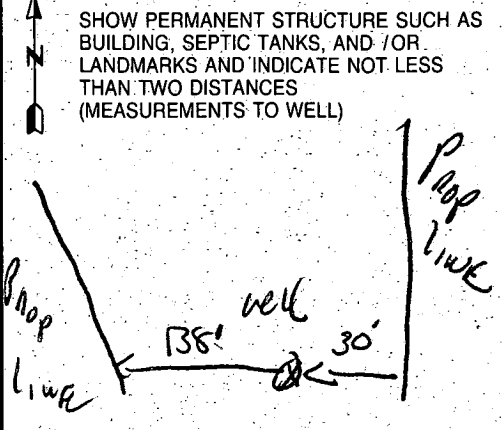
PUMPING TEST

HOURS PUMPED (nearest hour); PUMPING RATE (gal. per min.); METHOD USED TO MEASURE PUMPING RATE; WATER LEVEL (distance from land surface); BEFORE PUMPING; WHEN PUMPING; TYPE OF PUMP USED (for test).

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (YES/NO); IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS; TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29; CAPACITY: GALLONS PER MINUTE; PUMP HORSE POWER; PUMP COLUMN LENGTH; CASING HEIGHT.

LOCATION OF WELL ON LOT



NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y/N)

CIRCLE APPROPRIATE LETTER: A (WELL WAS ABANDONED AND SEALED), 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.

TYPE: MWD/MSD/MGD; DRILLERS LIC. NO. 116; Nath Mays signature.

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION); LIC. NO. 117; Nath E. Mays signature.

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

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 93-0234
 Location of property (road) Forsyth Rd.
 Subdivision 13890 Forsyth Rd. Rickie Prop. Lot 4 Block _____ Plat _____ Sec. _____
 Well Driller RALPH MAYNE Owner STEVEN GOSCHKE

Depth of well 365'
 Distance of measuring point (M.P.) above ground 2#
 Static water level (S.W.L.) below M.P. 35'

I. High rate pumping -- reservoir drawdown

Time pump started 9:00 Pumping rate 10 GPM
 Total time 30 min to reach pumping water level 245 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 3 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
9:30	245 ft	45 Sec		1 1/2 GPM
9:45	245 ft	45 Sec		1 1/2 GPM
10:00	245 ft	45 Sec		1 1/2 GPM
10:15	245 "	45 "		1 1/2 "
10:30	245 "	45 "		1 1/2 "
10:45	245 "	45 "		1 1/2 "
11:00	245 ft	45 Sec		1 1/2 GPM
11:15	245 ft	45 Sec		1 1/2 GPM
11:30	245 ft	45 Sec		1 1/2 GPM
11:45	245 "	45 "		1 1/2 "
12:00	245 "	45 "		1 1/2 "
12:15	245 "	45 "		1 1/2 "
12:30	245 ft	45 Sec		1 1/2 GPM
12:45	245 ft	45 Sec		1 1/2 GPM
1:00	245 ft	45 Sec		1 1/2 GPM
1:15	245 "	45 "		1 1/2 "
1:30	245 "	45 "		1 1/2 "
1:45	245 "	45 "		1 1/2 "
2:00	245 ft	45 Sec		1 1/2 GPM
2:15	245 ft	45 Sec		1 1/2 GPM
2:30	245 ft	45 Sec		1 1/2 GPM
2:45	245 "	45 "		1 1/2 "
3:00	245 "	45 "		1 1/2 "
3:15	245 ft	45 "		1 1/2 GPM
3:30	245 ft	45 Sec		1 1/2 GPM

