

4/19/96
1:00-2:00
(open trench)

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 56562 B

A 488438

DISTRICT _____

DATE 4-16-96

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

313-2640

DATE SYSTEM APPROVED 7/19/96

INSPECTOR CW

INDEXED

Fogle's Septic Clean, Inc. IS PERMITTED TO INSTALL X ALTER _____

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

SUBDIVISION Quarterfield LOT 22 ROAD 11637 Quarterfield Drive

PROPERTY OWNER Tim & Maureen Dell

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 2.5 feet below original grade. 4 feet of stone below distribution pipe. off

LOCATION - Place the distribution box 115 feet down the right lot line and 110 feet this same lot line. Run trenches on contour to right side 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. OK MR 4/15/96

PLANS APPROVED BY Mark Rifkin DATE 3/14/96

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

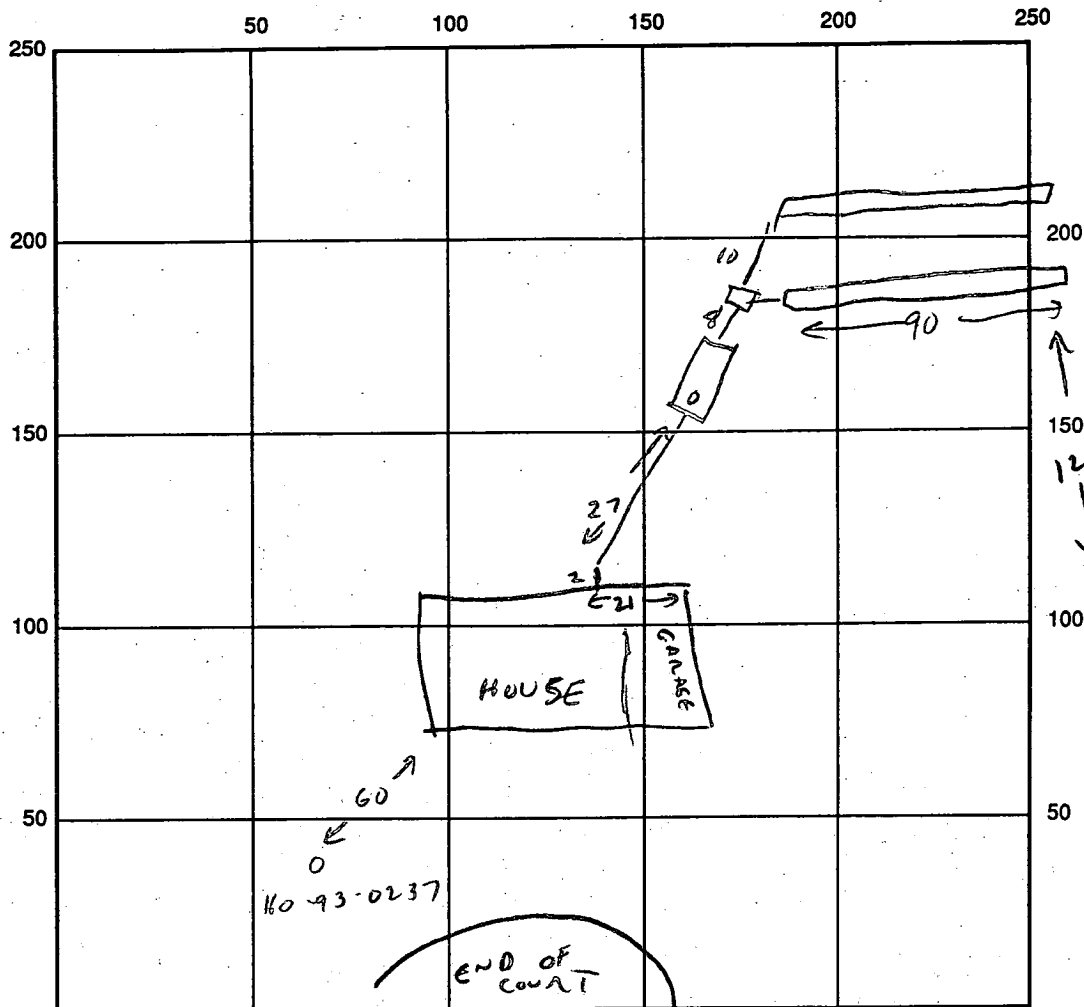
VR/

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

HD-260(6-90)

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

A
48838



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL ✓

CLEANOUTS ST ✓

DISTRIBUTION BOX LEVEL ✓

DRAIN FIELD/TITLE DEPTH 6 1/2 FT.

TRENCH WIDTH 2 FT.

INLET DEPTH 2 1/2 FT.

EFFECTIVE GRAVEL DEPTH 4 FT.

TOTAL LENGTH 180 FT.

NUMBER OF TRENCHES 2 @ 90

ONE SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER — FT.

EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS:

4/19/96

1ST TRENCH OK TO ADD GRAVEL. (CW)

4/19/96 PM 1ST TRENCH COMPLETE, 2ND TRENCH IN PROGRESS OK TO FINISH & COVER (CW)

DATE SYSTEM APPROVED

4/19/96

INSPECTOR

CW

APPLICATION

PERCOLATION TESTING

A 38 488

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE 1/7/93

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Joseph M. Zoller, III Tim + MAUREEN DELL
11696 Carroll Mill Road
ADDRESS Ellicott City, Maryland 21043 PHONE _____

AGENT OR PROSPECTIVE BUYER SDC Group, Inc.
ADDRESS P.O. Box 417, Ellicott City, MD 21041 PHONE (410) 465-4244

PROPERTY LOCATION:

SUBDIVISION Zoller Property LOT NO. 25 13 22

ROAD AND DESCRIPTION Northeast quadrant Folly Quarter Road and Carroll Mill Road
intersection. (11637 QUARTERFIELD DRIVE) BLDG. PERMIT SIGNED
AND RETURNED 3/14/91
Serial # 63567 - SFD -
4Bmm

TAX MAP 23 PARCEL # 8,82 & 101

SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family
(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. By: SDC GROUP INC. [Signature] VP.
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

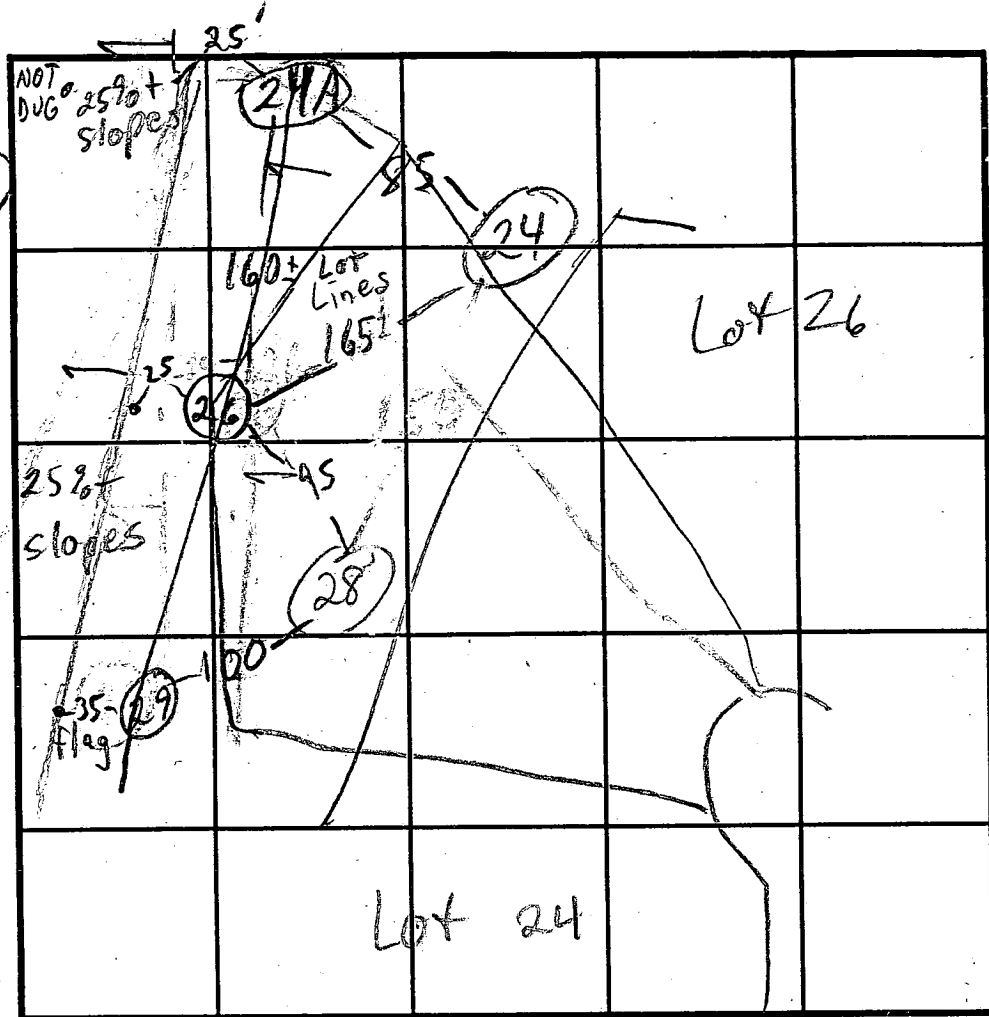
THIS IS NOT A PERMIT

A 48841

Lot 25
COUNTY #
SOIL PROFILE
12' x 26'

red brn
sed lm
22-3
brn
sa mica
lm
20%
quartz
frags

brn
sa cl
lm
2-2 1/2
brn
mica
sa
lm
15-20%
yel
saprolite



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/3/93	24A	S 4	1:54:00	1:55:15	1:55:15	1:57:15	2
		M 8	1:54:00	1:54:30	1:54:30	1:55:20	50 sec
		M 8	1:55:30	1:56:30	1:56:30	1:57:30	1 min
	24A	V 12	see profile				
	26	4	2:06	2:07:30	2:07:30	2:09	1 1/2
	26	8	2:06	2:08:00	2:08	2:09:30	1 1/2
	26	12' 4"	see profile				
	28	4	2:20:30	2:21:15	2:21:15	2:22:30	1 min 15 sec ✓
	28	8 1/2	2:21:30	2:22:15	2:22:15	2:23:15	1
	28	12 1/2	see profile				
	29S	4	2:28	2:29:30	2:29:30	2:30:30	1
	29M	8	2:28	2:29:30	2:29:30	2:30	30-60 sec
	29M		2:32:15	2:32:45	2:32:45	2:34	1 min 15 sec
	29V	12	see profile				

REMARKS ALL HOLES OK

TYPE OF SOIL

TESTED BY M. Rifkin

ALSO PRESENT C. Sperry, Hatfield crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 1-2 ±

TRENCH WIDTH 2 ±

INLET DEPTH 2 1/2

MAXIMUM BOTTOM DEPTH 6 1/2

SQ. FT/BEDROOM 180

APPLICATION

PERCOLATION TESTING

48838
A. JOSEPH M. ZOLLER III
P. _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE 1/7/93

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

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PROPERTY OWNER Joseph M. Zoller, III
11696 Carroll Mill Road
ADDRESS Ellicott City, Maryland 21043 PHONE _____

AGENT OR PROSPECTIVE BUYER SDC Group, Inc.
P.O. Box 417, Ellicott City, MD 21041 PHONE (410) 465-4244

PROPERTY LOCATION:

SUBDIVISION Zoller Property LOT NO. 24 P/O 13

ROAD AND DESCRIPTION Northeast quadrant Folly Quarter Road and Carroll Mill Road
intersection.

TAX MAP 23 PARCEL # 8,82 & 101

SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family
(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. SDC Group Inc
Bryl High Road VP
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

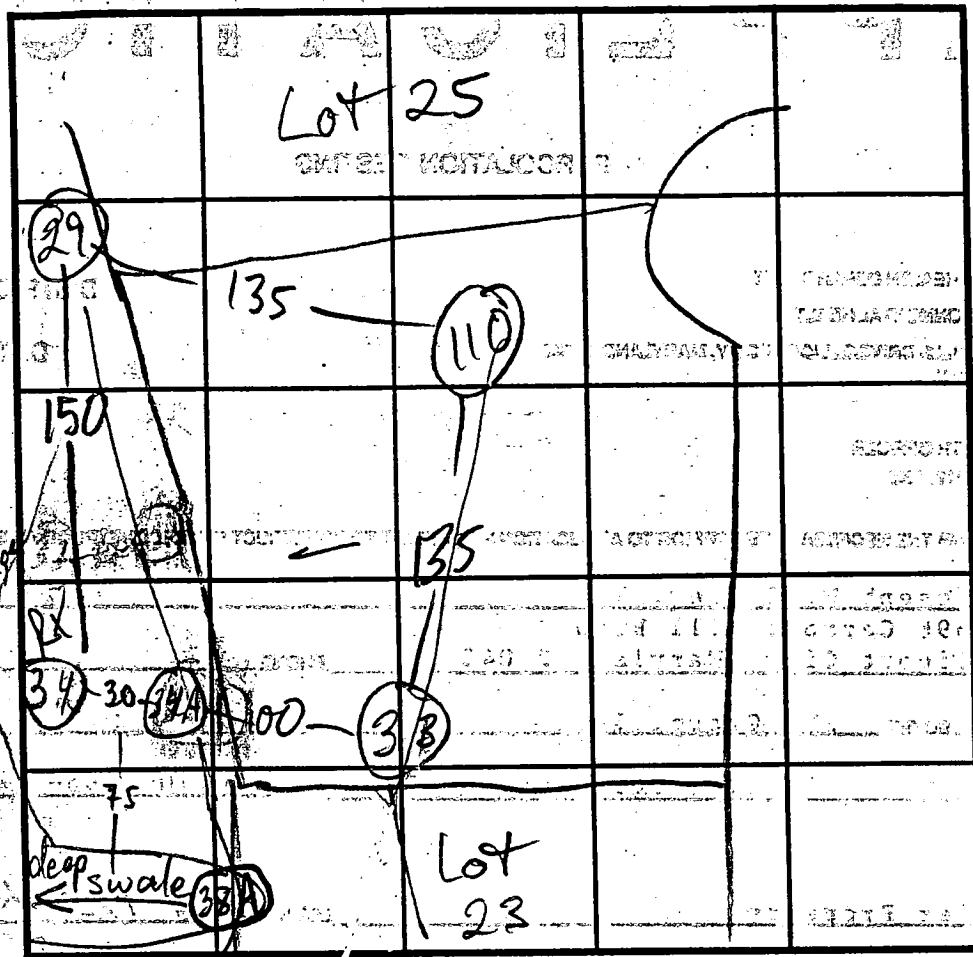
REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

A48848
 Lot 24
 COUNTY #
 SOIL PROFILE
 0' 64
 yet red
 brn
 sa cl lm
 3
 brn
 tan
 sa lm
 30-40%
 blocky
 quartz
 frags
 HARD BOT
 9
34A
 brn
 sa
 cl lm
 3
 brn
 sa mica
 lm
 20-25%
 yet blk
 saprolite
 ↑ w/depth
 11 1/2
33
 brn
 sa cl
 lm
 3-4
 brn
 tan
 sa lm
 25%
 quartz
 saprolite
 frags
 11 1/2



SOIL PROFILE
 0' 110
 brn sa
 cl lm
 3 1/2
 brn w/
 wk flecks
 sa mica
 lm
 10%
 frags
 12 1/2

INDICATE N, S, E, W - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/3/93	34 V	9	NOT PERC'D		FAIL		
	34A S	4 1/2	2:42	2:44	2:44	2:46	2
	34A M	9	2:44	2:46	2:46	2:49	3
	33 S	5	2:54	2:56	2:56	2:58	2
	33 M	9 1/2	2:57	2:59	2:59	3:11	12
2/11/93	110 M	4 1/2	3:31:00	3:33:00	3:33:00	3:35:00	2 min
		9	3:31:45	3:32:30	3:32:30	3:33:30	1 min
	110 V	12 1/2	see profile				

REMARKS AVOID (34); ALL OTHERS OK

TYPE OF SOIL

TESTED BY M. Ripkin

ALSO PRESENT C. Sperry, Hatfield crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

180

APPLICATION

PERCOLATION TESTING

A 488-38

P _____

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2840

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Joseph M. Zoller, III
11696 Carroll Mill Road
ADDRESS Ellicott City, Maryland 21043 PHONE _____

AGENT OR PROSPECTIVE BUYER SDC Group, Inc.
P.O. Box 417, Ellicott City, MD 21041 PHONE (410) 465-4244

PROPERTY LOCATION:

SUBDIVISION Zoller Property LOT NO. 13/22

ROAD AND DESCRIPTION Northeast quadrant Folly Quarter Road and Carroll Mill Road
intersection.

TAX MAP 23 PARCEL # 8,82 & 101

SIZE OF LOT 1 Ac +/- TYPE BLDG. Single Family
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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

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COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. SDC Group Inc.
Bk. John Paul VP
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE

414

brn
sac
lm
15%
frags

gray
brn
sa
mica
lm
25%
HARD
folite
foss

414A

br sa
cl lm
15-20% frags

dk brn
sa mica
loam

20%
soft hard
saprolite
frags
NO HARD BOT

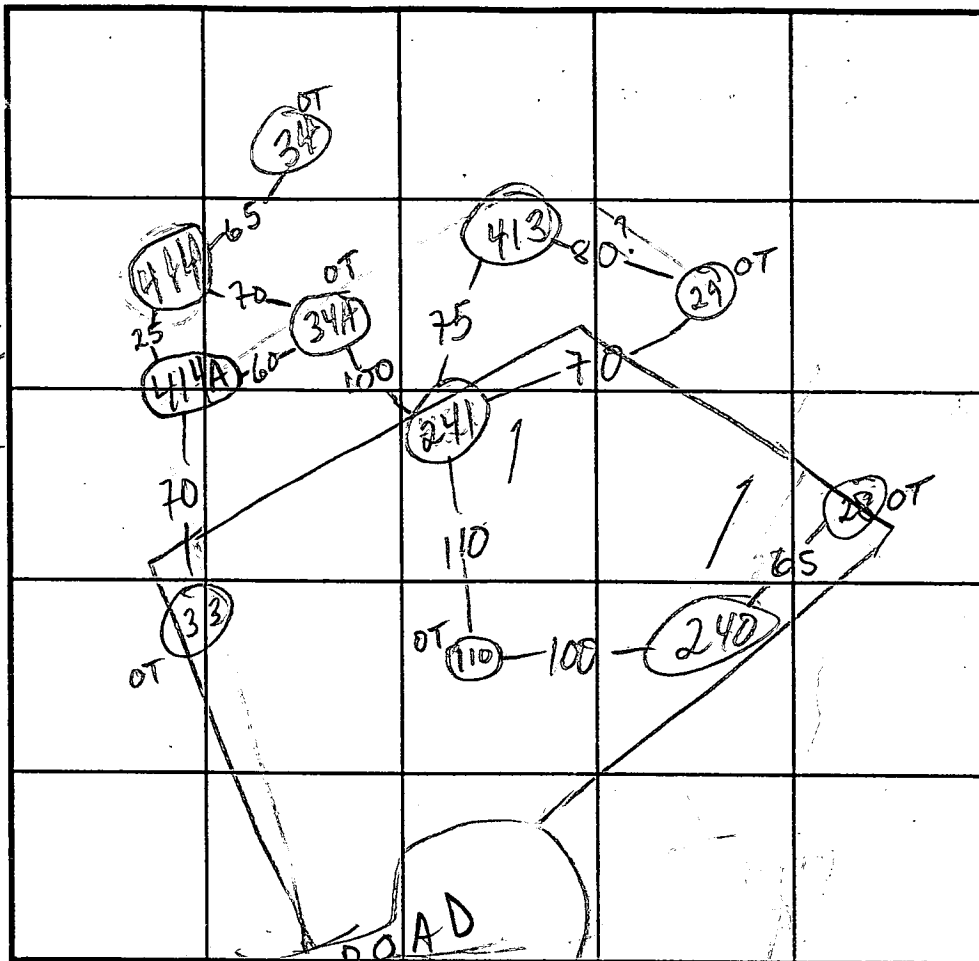
240

brn
sac
lm

tan
sand
mica
loam

20%
soft hard
saprolite

SOIL PROFILE



MAIN INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
7/2/94	414V	11 1/2	FAIL		see profile		
	414AS	3' 9"	11:47:45	11:48:20	11:48:50	11:49:10	50 sec
			11:49:25	11:50:30	11:50:30	11:51:30	1 min
	414AV	12 1/2					
	241 S	4	1:27:15	1:28:00	1:28:00	1:28:45	45 sec
			1:29:15	1:29:55	1:29:55	1:31:30	1 1/2 min
	241 V	11	sim to 414A				
	413 S	4	1:34:50	1:35:30	1:35:30	1:36:10	40 sec
			1:36:35	1:37:30	1:37:30	1:38:10	40 sec
	413 S	4 1/2	1:38:40	1:39:25	1:39:25	1:40:15	50 sec
			1:40:40	1:41:35	1:41:35	1:42:35	1 min
	413 V	11 1/2	sim				
	240 S	4 1/2	1:50:35	1:51:30	1:51:30	1:52:40	1 1/2 min
	240 V	12					

REMARKS

TYPE OF SOIL FINAL SDA USING HOLES 28-29-110-240-241

TESTED BY M. Rifkin

ALSO PRESENT Hattie (drew), C. Sperry

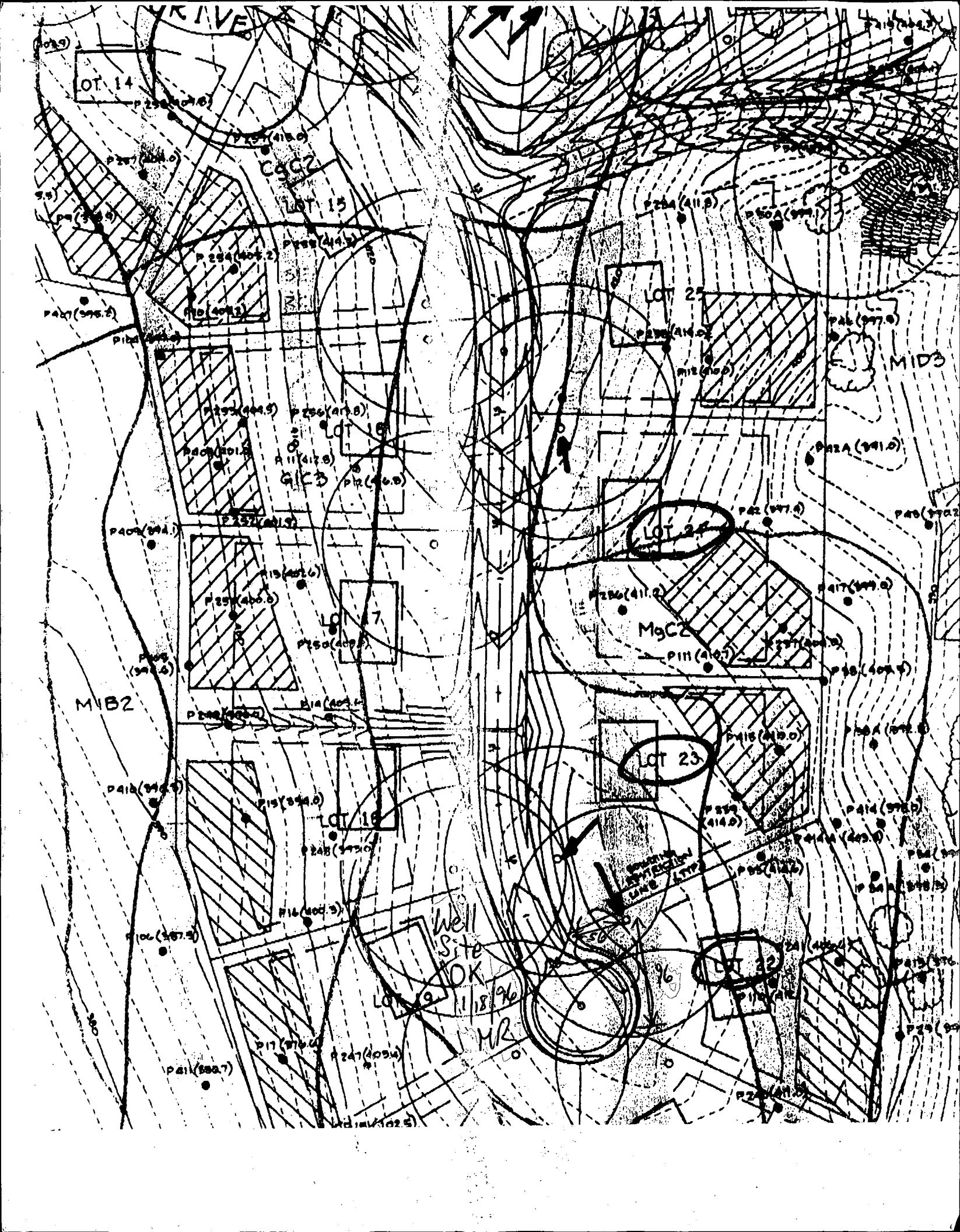
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2

TRENCH WIDTH

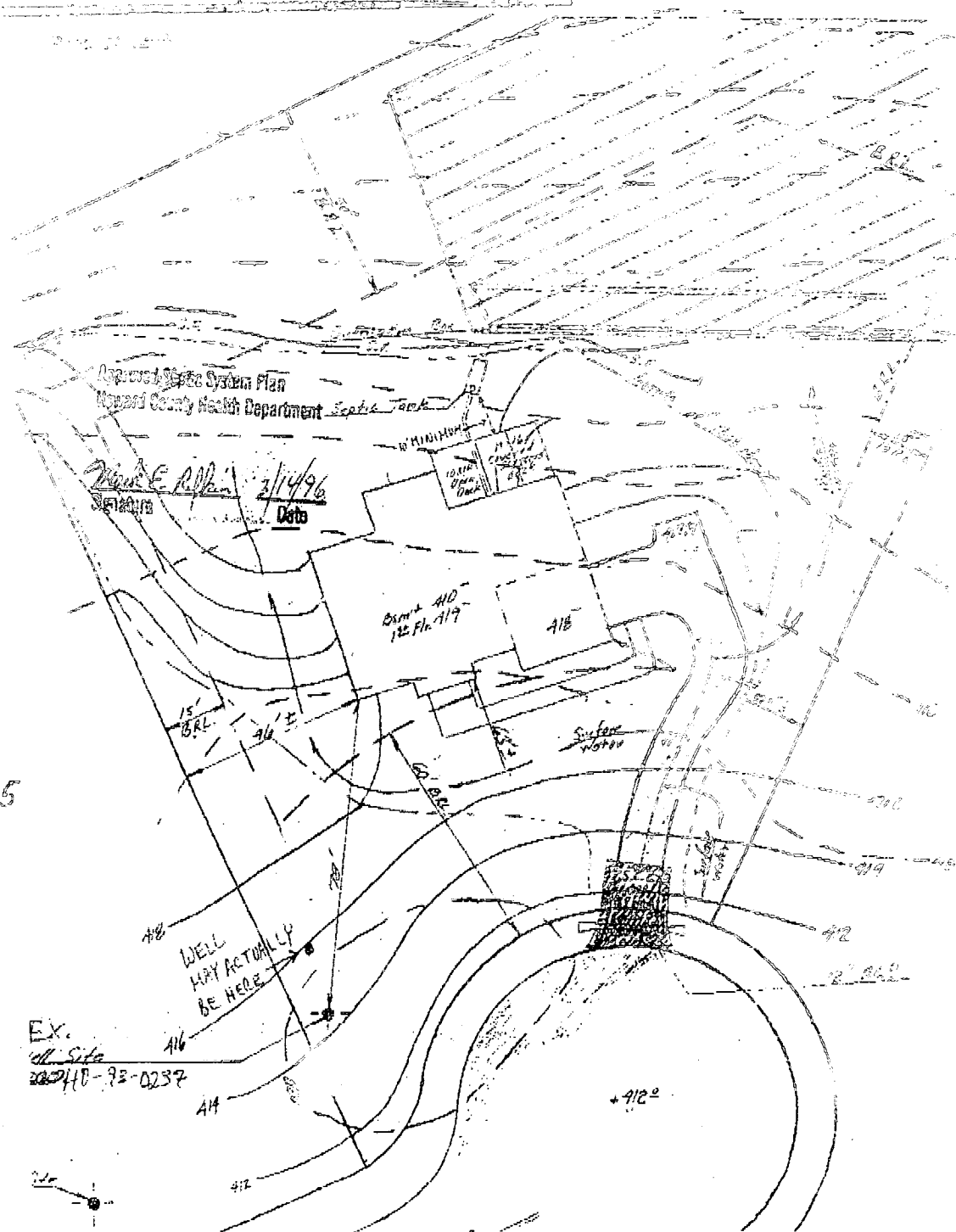
INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM 180



Date		Inv.	Grade
1907	12-10	400.0	400.0
1907	12-10	407.75	407.75
1907	12-10	407.75	407.75
1907	12-10	407.75	407.75



1000 128
1000 128

C10185

SEQUENCE NO.
(MDE USE ONLY)

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
NUMBERA 488438

PERMIT NO.
FROM "PERMIT TO DRILL WELL"
H0-93-0237

ST/CO USE-ONLY
DATE Received

DATE WELL COMPLETED
012996

Depth of Well
2228526
(TO NEAREST FOOT)

OWNER
Thompson
last name

STREET OR RFD
Quarter Field Dr

TOWN
W. Friendship

SUBDIVISION
QUARTERFIELD

SECTION

LOT
22

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
FROMTO

check
if water
bearing

Sand066

Gray mica Rock66285✓

GROUTING RECORD

WELL HAS BEEN GROUTED
(Circle Appropriate Box)

TYPE OF GROUTING MATERIAL (Circle one)

CEMENTCMBENTONITE CLAYBC

NO. OF BAGS22NO. OF POUNDS2068

GALLONS OF WATER132

DEPTH OF GROUT SEAL (to nearest foot)

from0ft. to65ft.

48TOP5254BOTTOM58
(enter 0 if from surface)

CASING RECORD

casing
types
insert
appropriate
code
below

STEELSTCONCRETECO

PLASTICPLOTHEROther

MAIN
CASING
TYPE

Nominal diameter
top (main) casing
(nearest inch)

Total depth
of main casing
(nearest foot)

SH671

606163646667686970

OTHER CASING (if used)

EACH
CASING

diameter
inch

depth (feet)
fromto

SCREEN RECORD

screen type
or open hole
insert
appropriate
code
below

STEELSTBRASSBRONZEBR

OPEN
HOLE
OTHERHOOT

PLASTICPL

NUMBER OF UNSUCCESSFUL WELLS:0

WELL HYDROFRACTURED

yesYnoN

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 26.04.04 "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.

TYPE: MWD/MSD/MGD

DRILLERS LIC. NO.24

DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO.27

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

DEPTH (nearest ft.)

123456789101112131415161718192021222324252627282930313233343536373839404142434445464748495051525354555657585960616263646566676869707172737475767778798081828384858687888990919293949596979899100

SLOT SIZE 123

DIAMETER
OF SCREEN

(NEAREST
INCH)

5660

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

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

T(E.R.O.S.)

W Q

747576

7072

TELESCOPE
CASING

LOG
INDICATOR

OTHER DATA

PUMPING TEST

HOURS PUMPED (nearest hour)

3

PUMPING RATE (gal. per min.)

006.5

METHOD USED TO
MEASURE PUMPING RATE

Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING

56

ft.

WHEN PUMPING

209

ft.

TYPE OF PUMP USED (for test)

AairPpistonTturbine

CcentrifugalRrotaryOother
(describe
below)

JjetSsubmersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP YESNO

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
(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)

56'96'