

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

4401 04-399784

DATE SYSTEM APPROVED

INSPECTOR

P 47431

A 35019
4th

DATE 8/28/91

8/21/91

RH

Jack Fyock

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS PHONE 988-9270

SUBDIVISION Sobrina Farms ROAD 650 Sobrina Farms Ct. LOT 4

PROPERTY OWNER Gary Wayne Peacock

ADDRESS

~~IF GARAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 20%~~

~~GARAGE GRINDER~~ ~~YES~~ ~~XXXXXXXXXXXX~~ ~~NO~~ ~~XXXXXXXXXX~~

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 2.5 feet below original grade. Bottom maximum depth 4.0 feet below original grade. Effective area begins at 2.5 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Start the first trench 320 feet from the cul d' sac and 100 feet from the right (582) lot line as seen when facing the lot from Sobrina Farms Court. Run trenches on contour toward the right side of lot.

NOTE - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 8-6-90 DEN

PLANS APPROVED BY Sid Abel cm DATE 08/08/89

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

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

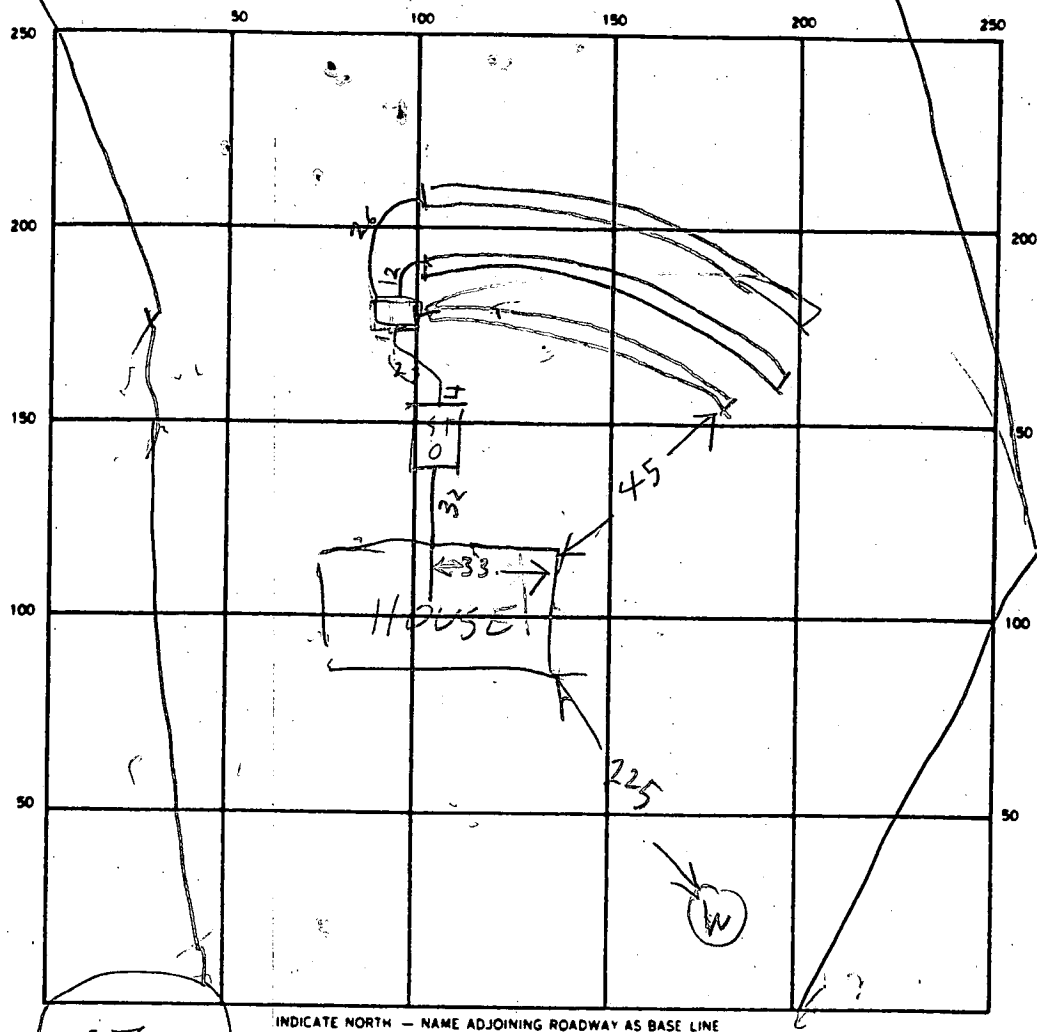
PERMIT VOID AFTER TWO YEARS

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

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.



SEPTIC TANK. LEVEL 1250 CLEANOUTS ST

DISTRIBUTION BOX. LEVEL _____

DRAIN FIELD/TILE FIELD. DEPTH 4 FT. TRENCH WIDTH 3 FT. INLET DEPTH 2-3 FT.

EFFECTIVE GRAVEL DEPTH 1 1/2 - 2 FT. TOTAL LENGTH 89 1/2 FT. TOTAL 196

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 8/21/91 LOCATION OK PER PLANS. COVER TRENCHES
#1 & 2 FINISH #3 8/21/91 TRENCH #3 DOG
1/2 OF STONE ADDED. ADD REST OF STONE
& COVER RH

DATE SYSTEM APPROVED 8/21/91 INSPECTOR R. Hodges

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 35019

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 4th

DATE 2/15/85

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 Sobrina 99, Inc.

ADDRESS 12150 Tech Road
Silver Spring, MD 20904 PHONE Don Reuwer - 531-5252

PROPERTY LOCATION:

SUBDIVISION Montgomery Industrial Park LOT NO. 5

ROAD AND DESCRIPTION Route 94

SIZE OF LOT 5.8 Acres TYPE BLDG. 3 or 4 Bedrooms
(NUMBER OF 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. I ALSO AGREE TO COMPLY
WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. /s/ Don Reuwer

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

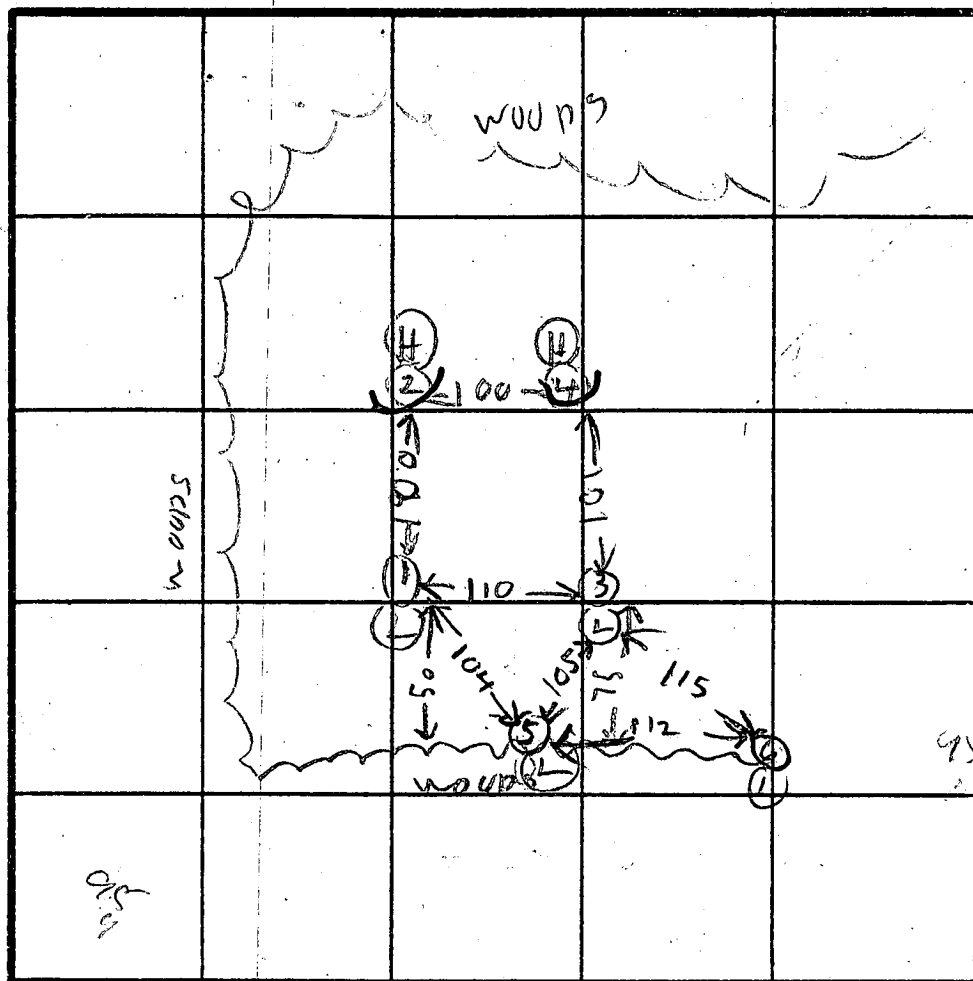
REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

LOT 5
~~X = 9 MIN~~
~~INLET 3 1/2~~
~~MAX D 5 1/2~~

①
 SOIL PROFILE

CLAY
 2
 SMALL SHALE & SANDY
 7
 BIG SHALE & SANDY
 9 1/2
 ROCK BOTTOM



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

④
 C LAY
 2
 SMALL SHALE SAND
 7
 BIG SHALE SAND
 10

⑤
 CLAY & TOPSOIL
 2 1/2
 BROWN SAND LOAM
 10
 SAND & SOME SHALE
 11 1/2

⑥
 CLAY & TOPSOIL
 2 1/2
 SAND LOAM
 7
 SAND LOAM & SMALL SHALE
 ROCK BOT

②
 CLAY
 2
 SMALL SHALE SANDY
 5
 BIG SHALE
 9 1/2
 ROCK BOT

③
 CLAY
 2
 SMALL SHALE SANDY
 13

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/11/85	1 S	3	1120	1125	1125	1136	6
	1 V	9 1/2	LOOKS	OK	BUT SOME WHAT FAST		
	2 S	3	1123	1129	1129	1137	8
	2 V	9 1/2	LOOKS	DOUBT FUL			
	3 S	3	1133	1144	1144	1150	6
	3 V	13	LOOKS	OK			
	4 S	2 1/2	1153	1153	1153	1156	3
	4 V	10	LOOKS	DOUBT FUL			
3/12/85	M	6 1/2	1219	1221	1221	1224	3
	5 S	3 1/2	1226	1229	1229	1237	8
	5 V	11 1/2	LOOKS	OK			
	6 S	3	1233	1249	1249	104	15
	6 V	11	LOOKS	OK			

HOLE ⑤ ⑥ NOT PER SURVEYOR STAKE
 HOLE ① ② ③ ④ DUG PER SURVEYOR'S STAKE

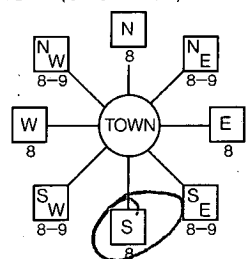
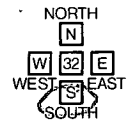
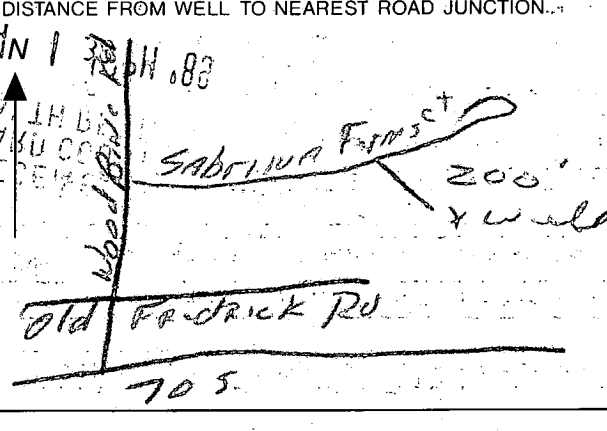
REMARKS TEST ① ② ③ AT 7 FT LEVEL TO CHECK TIME
 BIG SHALE SOIL

TYPE OF SOIL

TESTED BY R HODGES R

POCKET TEST
 U KETTERMAN
 ALSO PRESENT O KETTERMAN JR

airline
 7 min
 max
 depth
 2 ft
 Bottom 3'

B 1 2167	SEQUENCE NO. (DP USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	STATE PERMIT NUMBER 40-88-0988 <small>fill in this form completely</small>
Date Received (APA) 080889		B 3 LOCATION OF WELL	
OWNER INFORMATION 15 Last Name Doe 34 Owner First Name 36 Street or RFD M. R. St 55 57 Town F. I. C. T. C. I. T. Y 70 State 72 MD 76 Zip 21083		8 COUNTY Howard 21 23 SUBDIVISION D. A. F. I. N. A. F. A. R. M. S. 42 SECTION 44 46 LOT 48 50 52 NEAREST TOWN W. O. O. D. B. L. U. E 71 MILES FROM TOWN (enter 0 if in town) 0 73 76 77 78	
DRILLER INFORMATION Driller's Name FRANK-DeLph 77 License No. 80 453 Firm Name FRANK-DeLph Well Drillers Inc Address 15234 Penn Step Rd Mt Airy Md Signature Frank DeLph 75, 89 Date		B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20		11 NEAR WHAT ROAD Sabrina Farms 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  34 DISTANCE FROM ROAD 200 37 ENTER FT or MI F 38 39	
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="radio"/> F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="radio"/> I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="radio"/> P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="radio"/> T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)		NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL COUNTY NAME Howard COUNTY NO. A-35019 STATE SIGNATURE _____ INSERT S _____ 41 DATE ISSUED 080889 CO SIGNATURE S. C. O. L. EXP. DATE 02-07-90 NORTH GRID 553000 50 55 EAST GRID 0781000 57 63	
APPROXIMATE DEPTH OF WELL 200 24 28 FEET APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH		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 <div style="border: 1px solid black; padding: 5px; display: inline-block;"> E 781 N 553 </div>	
METHOD OF DRILLING (circle one) BORED (or Augered) <input type="radio"/> JETTED <input type="radio"/> Jetted & DRIVEN 30 AIR-ROTary <input type="radio"/> AIR-PERcussion <input type="radio"/> ROTARY (Hydraulic Rotary) <input checked="" type="radio"/> 37 CABLE <input type="radio"/> REVerse-ROTary <input type="radio"/> Drive-POINT <input type="radio"/> other _____		8/15/89 Grant No map 21" Pipe 18" OPEN 4" Bore X well	
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="radio"/> N THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="radio"/> Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="radio"/> S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="radio"/> D THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52		DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION. 	
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER G A P 54 63 FORCE 5 A 67 68 WRITE INITIALS IN BOX PERMIT No. 40-88-0988 70 71 72 73 74 75 76 77 78 79		SPECIAL CONDITIONS	

C1 1114 SEQUENCE NO. (DENV USE ONLY)
1 2 3 6
(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-35019

ST/CO USE ONLY
DATE Received
DATE WELL COMPLETED 08/16/89
Depth of Well 205
(TO NEAREST FOOT)
PERMIT NO.
FROM "PERMIT TO DRILL WELL"
110-88-0988

OWNER LAND TRUST AND DEVELOPMENT
STREET OR RFD last name ROLLING FARMS COURT first name TOWN WOODBINE
SUBDIVISION ROLLING FARMS SECTION LOT 4

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
Topsoil	0 2	
Brown Silty	2 12	
Blue Silty	12 50	
Brown Silty	50 55	✓
Blue Silty	55 70	
Brown Silty	70 100	✓
Blue Silty	100 205	

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 45-46 1 NO. OF POUNDS 45-46 100
GALLONS OF WATER 36
DEPTH OF GROUT SEAL (to nearest foot)
from 48 TOP 52 ft. to 54 BOTTOM 58 ft.
(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below
STEEL ST CONCRETE CO
PLASTIC PL OTHER OT
MAIN CASING TYPE Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)
FL 60 61 63 64 66 70

OTHER CASING (if used)
diameter inch depth (feet) from to
EACH CASING

SCREEN RECORD
screen type or open hole insert appropriate code below
STEEL ST BRASS BR OPEN HOLE HO
PLASTIC PL OTHER OT

C2
DEPTH (nearest ft.)
EACH SCREEN
1 18 9 11 15 17 21
2 23 24 26 30 32 36
3 38 39 41 45 47 51
SLOT SIZE 1 2 3
DIAMETER OF SCREEN 56 60 (NEAREST INCH)
from to

GRAVEL PACK
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
70 72 74 75 76
TELESCOPE CASING LOG INDICATOR OTHER DATA

C3
PUMPING TEST
HOURS PUMPED (nearest hour) 3
PUMPING RATE (gal. per min. to nearest gal.) 10
METHOD USED TO MEASURE PUMPING RATE Bucket
WATER LEVEL (distance from land surface)
BEFORE PUMPING 45
WHEN PUMPING 47
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 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 (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)
Sabrina Farm
150'
old Fennick Rd

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.

DRILLERS IDENT. NO. 453
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

Well Permit No. HO - 88-0988

Location of property (road) SOBANYA FARMS COURT

Subdivision SABYING FARMS

Lot 4

Block

Plat

Sec.

Well Driller

F. Delphi

Owner

LAND DESIGN & DEVELOP

Depth of well 205'

Distance of measuring point (M.P.) above ground 1

Static water level (S.W.L.) below M.P. 45'

I. High rate pumping -- reservoir drawdown

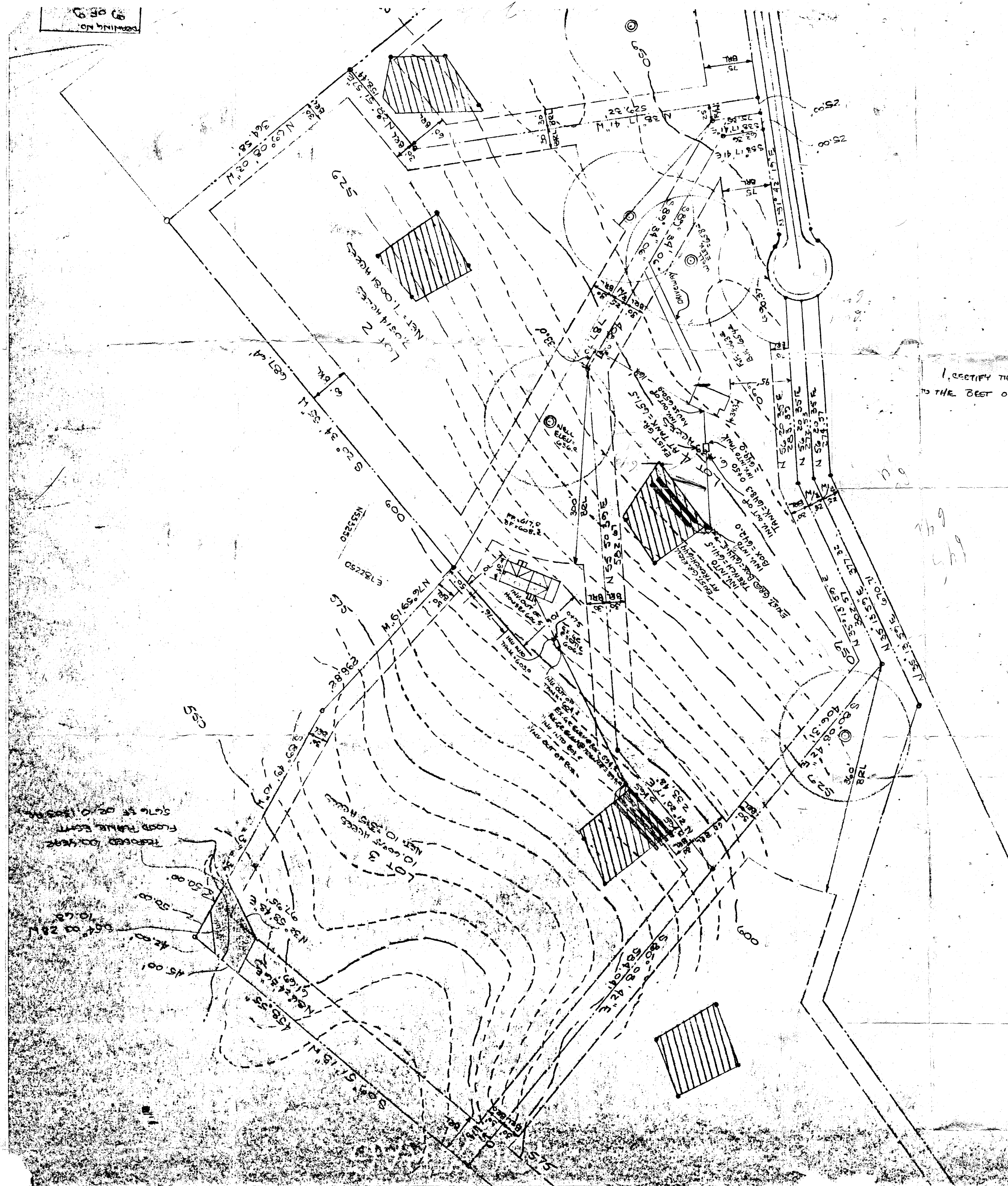
Time pump started 11:00

Pumping rate 10 GPM

Total time 15 min to reach pumping water level 62' ft. below M.P.

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

[illegible]



I CERTIFY THAT THE MEASUREMENTS SHOWN ON LOT 4 ARE ACTUAL & CORRECT TO THE BEST OF MY KNOWLEDGE.
SIGNED: Harry W. Pearce 6-28-90
301 747 8330

7/23/90
PLANS O.K.
B.J.F.

