

5-1-98
C.O. ASAP
#2:30-3:00 and

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

INDEXED

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

58 294005

P 510208-C

A REPAIR

DISTRICT _____

DATE 6-16-98

DATE SYSTEM APPROVED 6/1/98

INSPECTOR [Signature]

Hatfield Equipment IS PERMITTED TO INSTALL _____ ALTER X

ADDRESS 13785 Burntwoods Rd, Glenelg, MD 21737 PHONE 301-854-6172

SUBDIVISION: Benson LOT 11, Blk A ROAD 3541 Lakeway Drive

PROPERTY OWNER Ed Orves

ADDRESS 3541 Lakeway Drive, Ellicott City, MD 21042

SEPTIC TANK CAPACITY 1000/1250 GALLONS

NUMBER OF BEDROOMS 3 or 4

125 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 100 L.F.

REPAIR - PURPOSE - SEPTIC SYSTEM HAS FAILED.

Call for an inspection when the ground is opened so a sanitarian can recommend repairs. 5/27/98.

Install 100 Linear Ft of septic Trench connected to existing dry well.
Inlet is at 6 Ft below grade, OK to have Bottom at 11 or 11 1/2 Ft with 5 Ft stone fill below
inlet (2 Ft wide to road). P# 5/1/98

PLANS APPROVED BY _____ DATE _____

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

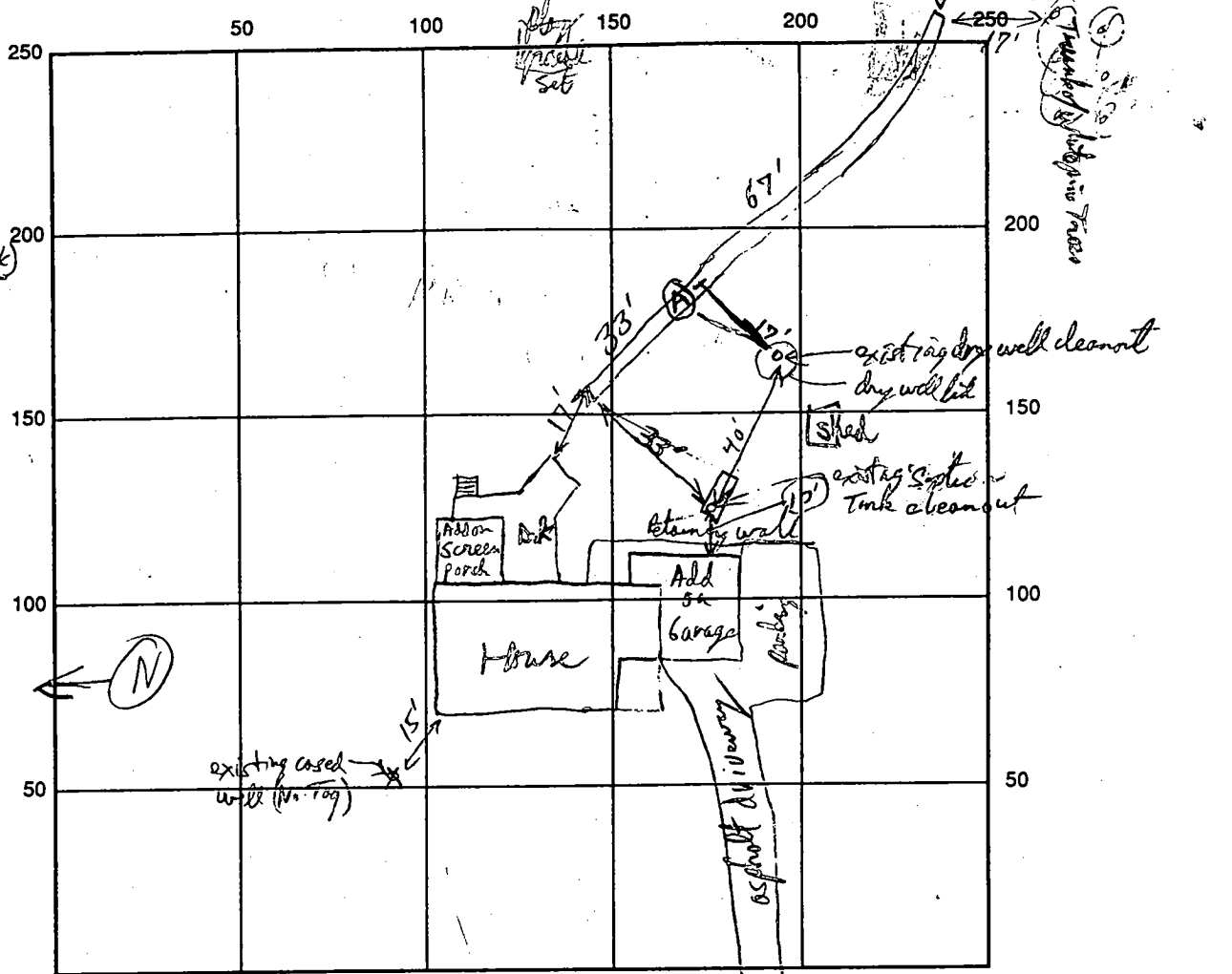
PERMIT VOID AFTER TWO YEARS

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**

P510208C



Lakeaway Dr INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL existing 1000 gal (only 8 ft long) CLEANOUTS _____
 (old Terra Cotta T Baffle still functional) _____
 DISTRIBUTION BOX LEVEL NA (T exists in the air)

DRAIN FIELD/TITLE DEPTH 11 FT. TRENCH WIDTH 2 FT. INLET DEPTH 6-7 FT.
 EFFECTIVE GRAVEL DEPTH 5 FT. TOTAL LENGTH 900 FT.

NUMBER OF TRENCHES one ONE SIDEWALL/BOTTOM AREA 500 SQ. FT.
 DRYWALL INSIDE DIAMETER Failed FT. EFFECTIVE DEPTH BELOW INLET _____ FT.
 ABSORBENT AREA _____ SQ. FT.

REMARKS: Good Michigan soils from 2 1/2 - 14 1/2 ft, inlet pipe via dry well @ 6 ft below grade for gravel feed. OK to continue gravel filling trench R/P 6/1/98. Final trench OK to cover when finished. R/P 6/1/98

Note: House has had 3 Bldg Additions so far (1 Garage, 1 Deck, 1 screen Porch). They shall upgrade small septic Tank prior to Next Bldg addition proposal R/P 6/1/98

DATE SYSTEM APPROVED 6/1/98 INSPECTOR R/W/1/98

Handwritten marks

3-00 - 4-28-72

PERMIT

SEWAGE DISPOSAL SYSTEM

P# 16969
A 14442

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

INDEXED

ELLICOTT CITY
DISTRICT 2

DATE 3-1-72

Walter A. Shank

IS PERMITTED TO INSTALL ALTER

ADDRESS Sky Way, Ellicott City, Md.

PHONE 531-5611

A SEWAGE DISPOSAL SYSTEM LOCATED AT _____

SUBDIVISION Benson

ROAD Lakeway Dr.

LOT 11, Blk.

PROPERTY OWNER Carl C. Hall

ADDRESS _____

SPECIFICATIONS - 3 or 4 bedrooms

DRAIN FIELD _____ DEPTH _____ FEET. BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

SEPTIC TANK CAPACITY 1,000 GALLONS for 3 bedrooms
1,250 " for 4 bedrooms

FOR GARBAGE GRINDER, INCREASE DISPOSAL AREA 22% & TANK CAPACITY 50%.

OTHER Dry well - 100 sq. ft. absorbent sidewall area per bedroom to begin below the first 3 ft. of non-porous soil. Maximum depth permitted for dry well is 9 ft.

Locate dry well 175 ft. off rear property line and 15 ft. off right property line as seen from Lakeway Drive.

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON.
PERMIT VOID AFTER THREE YEARS.

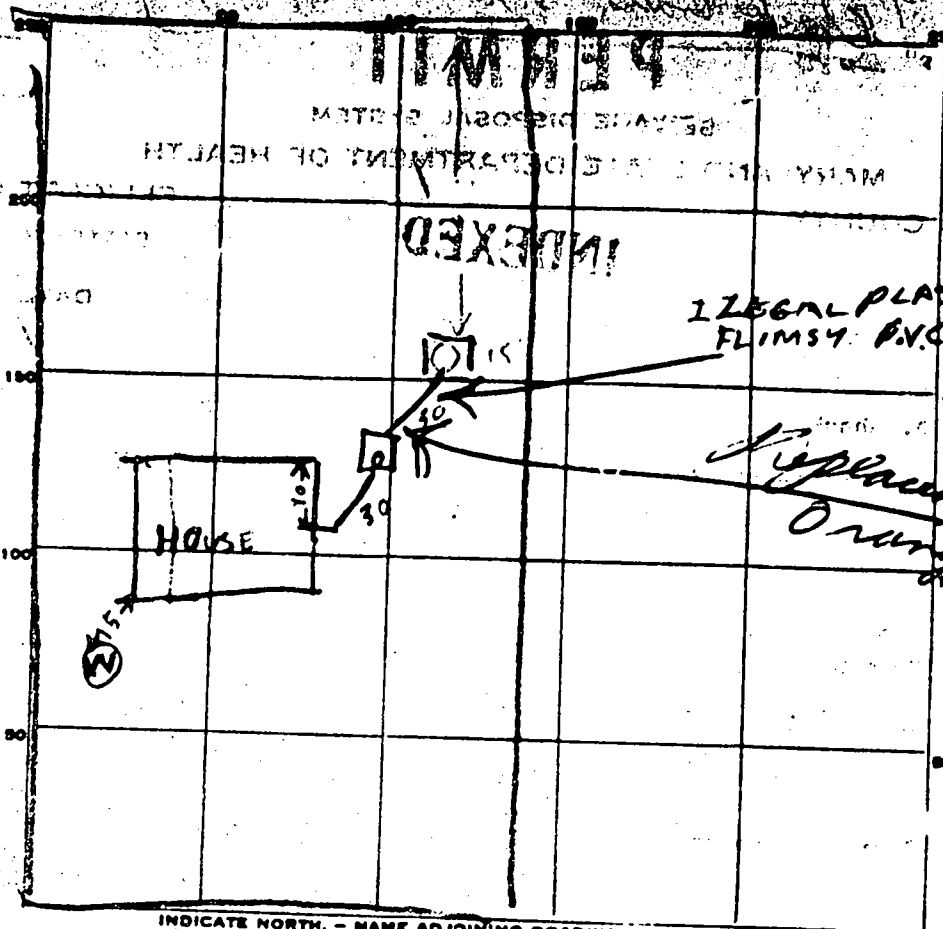
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL.

PLANS APPROVED BY Robert Toite

DATE 3/6/70

FILL SEPTIC TANK AND DISTRIBUTION BOX WITH WATER BEFORE CALLING FOR AN INSPECTION. COVER NO WC UNTIL INSPECTED AND APPROVED.

NEITHER THE HOWARD COUNTY COMMISSIONERS NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR SUCCESSFUL OPERATION OF ANY SYSTEM.



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL of concrete 1000

CLEANOUTS OK

DISTRIBUTION BOX, LEVEL

TILE FIELD, DEPTH _____ FT. TRENCH WIDTH _____ FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH _____ FT.

NUMBER OF TRENCHES _____ TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 12 FT. DEPTH BELOW INLET 7 FT.

ABSORBENT AREA 252 sq. ft. concrete, stone
424 sq. ft. sidewalk on concrete, stone

REMARKS 4/17/72 Inlet in 4" x 7" below grade

Bedroom Counted 300 sq. ft. added on D.W.

everything OK except pipe from the pt to dry well

are illegal plastic pipe to replace with approved type

pipe. OK to cover hole & system call for inspection when ready 4/28/72

SYSTEM APPROVED 4/28/72

INSPECTOR B. J. Tolson

APPLICATION

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELICOTT CITY

DISTRICT 3

DATE 2/1/69

Dry Well - 140 gals of water... behavior to begin below the floor 3 ft of... dry well is 9 ft. Locate dry well 175 ft off rear property line and 5 ft off right property line as seen from Lohaway Dr

TO: THE COUNTY HEALTH OFFICER
ELICOTT CITY, MARYLAND

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

PROPERTY OWNER Carl C. Hall

ADDRESS Chatham Rd., Ellicott City, Md.

PHONE Mr. Carter HQ 5-1635

PROPERTY LOCATION:

SUBDIVISION Benson

LOT NO. 11

ROAD AND DESCRIPTION Unnamed Road

OCCUPANT

PERSON TO CONSTRUCT SYSTEM

ADDRESS

SIZE OF LOT 128' x 316' x 127' x 316'

TYPE BLDG. 3 of 4

NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE

SIGNATURE OF APPLICANT /s/ Carl C. Hall

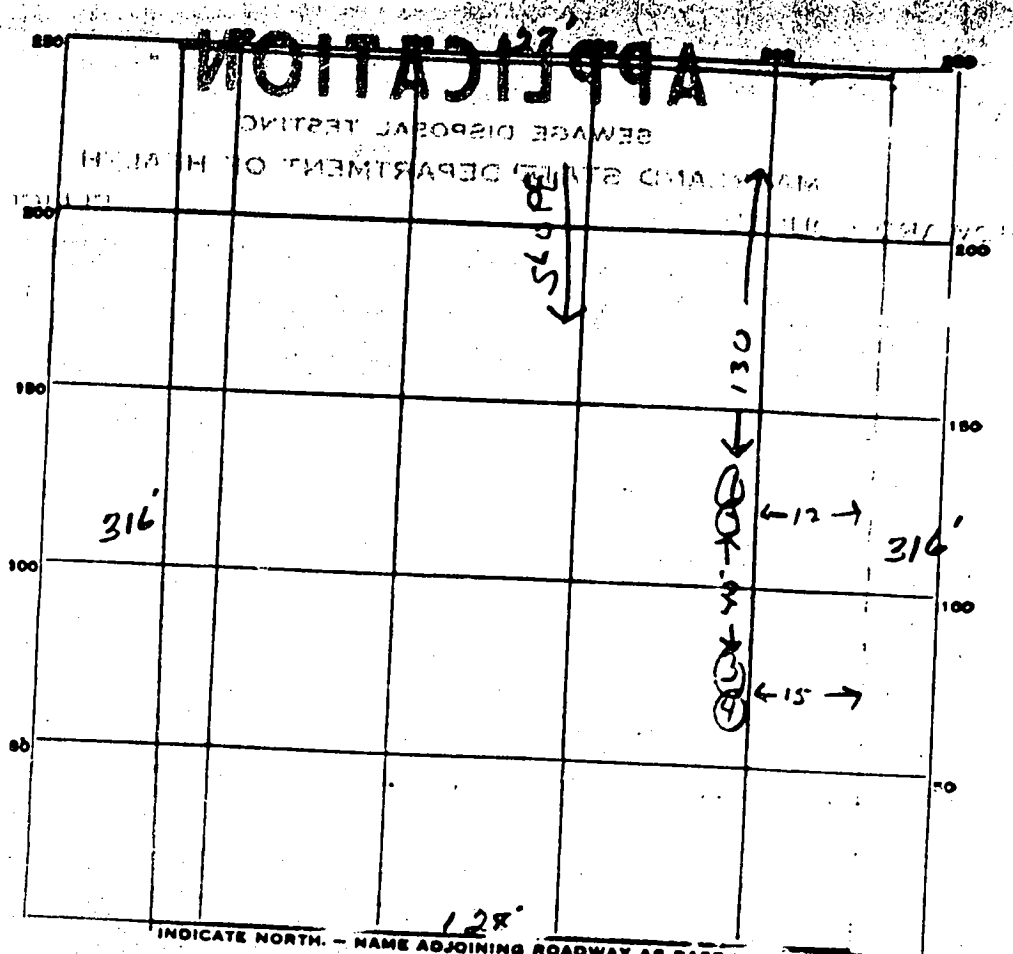
APPROVED BY _____ FOR Dry well DATE 8/6/70

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A DEED



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/23/69	1	8 1/2 ft	10 58	10 59	10 59	11 01	2 min
	2	3 ft	10 59	11 01	11 01	11 03	2 min
	3 ft	8 1/2 ft	11 00	11 01	11 01	11 02	1 min
	4 ft	3 1/2 ft	11 01	11 04	11 04	11 09	5 min

SOIL AUGER FINDING _____

TESTED BY R. T. No

REMARK: _____

DATE OF WELL COMPLETION: May 5 1972 DEPTH OF WELL: 125 PERMIT NO. FROM "PERMIT TO DRILL WELL": 70-72-0179

OWNER: HARRY GREEN STREET OR RFD: 154 Lakeway Dr POST OFFICE: Cheery MD

WELL LOG

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
<u>Yellow clay - Mud</u>	<u>0</u>	<u>73</u>	
<u>yes</u>	<u>73</u>	<u>75</u>	
<u>granit</u>	<u>75</u>	<u>90</u>	
	<u>90</u>	<u>93</u>	
	<u>93</u>	<u>125</u>	

GROUTING RECORD

WELL HAS BEEN GRouted (CIRCLE APPROPRIATE BOX) Y N

TYPE OF GROUTING MATERIAL (CIRCLE BOX): CEMENT C M SYNTHETIC CLAY B C

NO. OF BAGS: 9 NO. OF POUNDS: 36

GALLONS OF WATER: 36

DEPTH OF GROUT SEAL (TO NEAREST FOOT): FROM 0 FT. TO 50 FT.

CASING RECORD

INSERT APPROPRIATE CODE BELOW: S T C O P L O T

MAIN CASING TYPE: S T NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH): 4 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT): 45

OTHER CASING (IF USED)

DIAMETER (INCH): 4 DEPTH (FEET) FROM: 0 TO: 0

SCREEN RECORD

SCREEN TYPE OR SCREEN HOLE: S T B R H O P L O T

STEEL OR BRASS OR BRONZE PLASTIC OTHER

PUMPING TEST

NO. (SEQ. NO.): C 3

HOURS PUMPED (TO NEAREST HOUR): 3

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON): 3

METHOD USED TO MEASURE PUMPING RATE: Ballot

WATER LEVEL: DISTANCE FROM LAND SURFACE: 20

WHEN PUMPING: 120

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX): C R O J S

PUMP INSTALLED

TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE): C

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX): Y N

CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON): 31

PUMP HORSE POWER: 37

PUMP COLUMN LENGTH (NEAREST FOOT): 42

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT): ABOVE BELOW

LAND SURFACE (NEAREST FOOT): 49

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

CIRCLE APPROPRIATE BOXES

A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

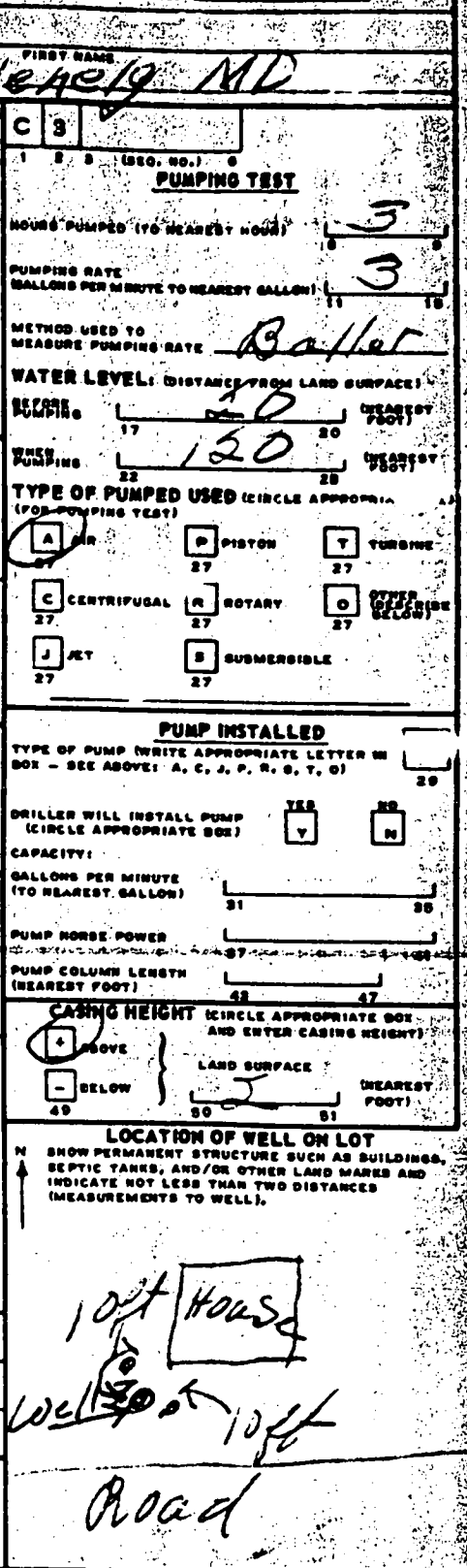
E ELECTRIC LOG OBTAINED

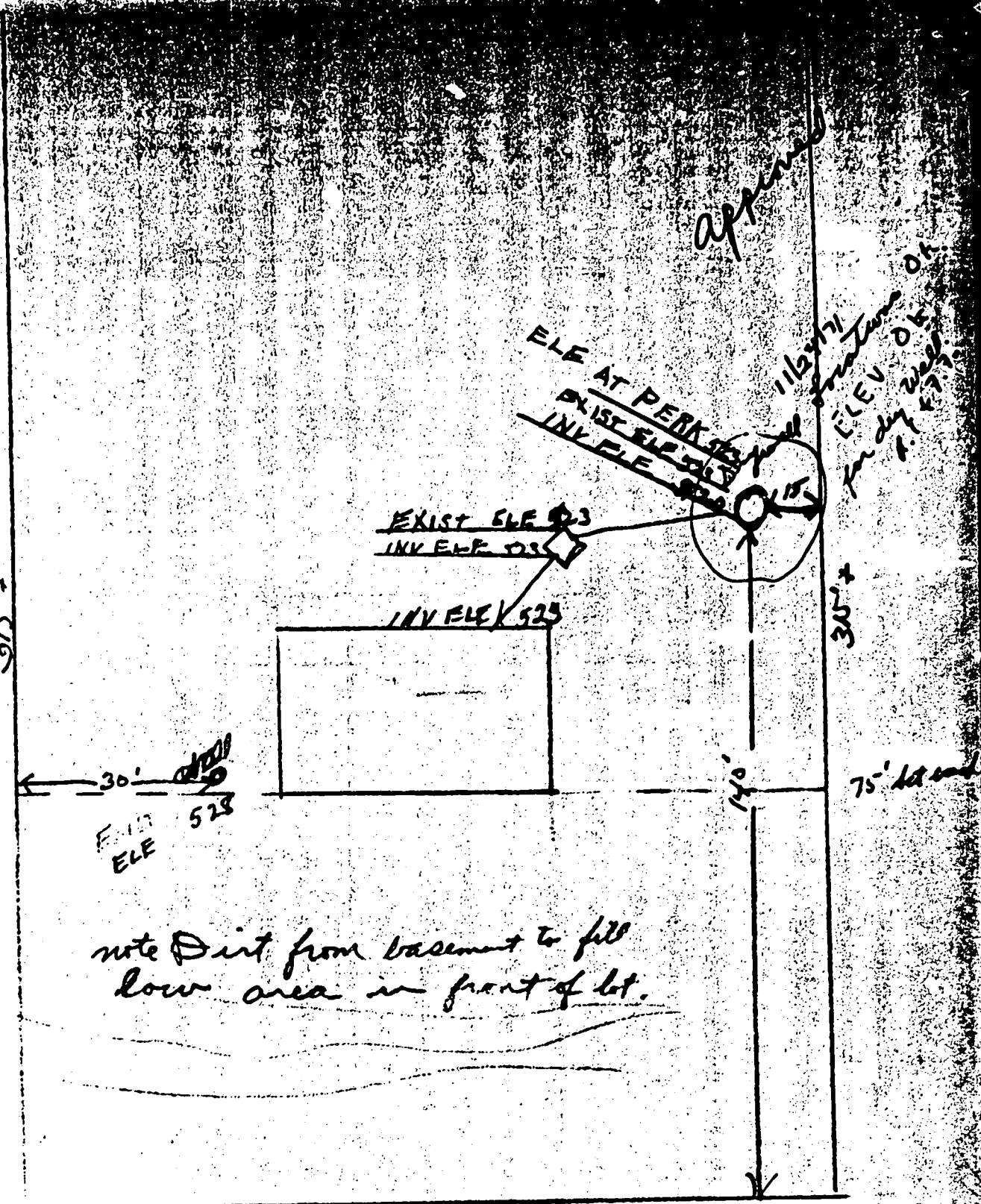
P TEST WELL CONVERTED TO PRODUCTION WELL

I HEREBY CERTIFY THAT 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.

DRILLER'S NAME: TERRY GREEN

DRILLER'S SIGNATURE: Terry Green





approved

127"
LOT 11 BLK A BENSON SUBD.
LAKEWAY DR.