

C 1 0238

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER A 5/4179

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well 22 205 26

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2918

OWNER Northridge Development LLC STREET OR RFD 5 Ridge Rd Corner E Pennsboro Rd TOWN Mt Airy SUBDIVISION Pennsboro Rd Property Formerly 2nd SECTION LOT

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Brown Shale, Blue Slate, etc.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 6, NO. OF POUNDS 800, GALLONS OF WATER 36, DEPTH OF GROUT SEAL 20

CASING RECORD: MAIN CASING TYPE (PL), Nominal diameter (6), Total depth of main casing (22)

OTHER CASING (if used) section with diameter and depth fields.

SCREEN RECORD: screen type or open hole (HO), insert appropriate code below

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED (Y) CIRCLE APPROPRIATE LETTER (A, E, P)

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION"

DRILLERS LIC. NO. 1 M SD 112 DRILLERS SIGNATURE (Must match signature on application) LIC. NO. 1 M D

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

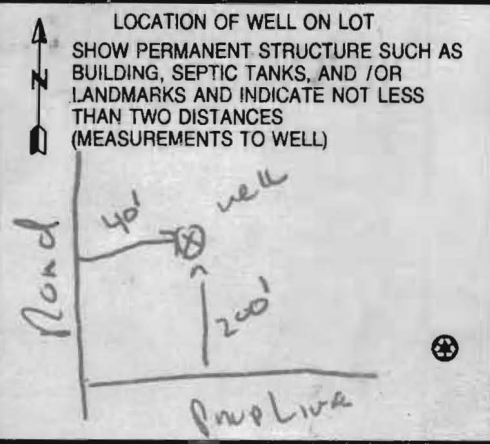
DEPTH (nearest ft.) table with columns 1-26 and rows A, C, R, E, N. Includes slot size and diameter of screen.

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 70 72 74 75 76 TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST: HOURS PUMPED (3), PUMPING RATE (10), METHOD USED TO MEASURE PUMPING RATE (Bucket), WATER LEVEL (45), TYPE OF PUMP USED (S) submersible

PUMP INSTALLED: DRILLER INSTALLED PUMP (NO), TYPE OF PUMP INSTALLED (S), CAPACITY: GALLONS PER MINUTE (31), PUMP HORSE POWER (37), PUMP COLUMN LENGTH (43), CASING HEIGHT (+) above LAND SURFACE (2)



B7 18622

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

HO-94-2918

W514668 please print or type

fill in this form completely

Date Received (APA)

11/22/00

OWNER INFORMATION

Northridge Development LLC

14045 Gained Dr

Glenwood MD. 21738-9419

Town State Zip

B 3

LOCATION OF WELL

Howard COUNTY

Penn Shop Rd. Prop.

SECTION LOT

Mt Airy NEAREST TOWN

MILES FROM TOWN

DRILLER INFORMATION

Ralph E. Mayne M S D 117

Ralph Mayne Well Drilling

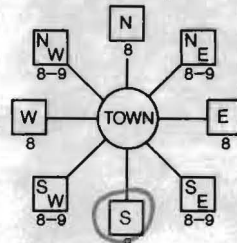
17024 Handy Rd. Mt Airy MD. 21771

Ralph E. Mayne 11-17-00

Signature Date

B 4

DIRECTION OF WELL FROM TOWN



MO. RT. 27 NEAR WHAT ROAD

ON WHICH SIDE OF ROAD

DISTANCE FROM ROAD

ENTER FT OR MI

TAX MAP: 6 BLK: 2 PARCEL 10

WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN.

AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

USE FOR WATER

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
INDUSTRIAL, COMMERCIAL, DEWATERING
PUBLIC WATER SUPPLY WELL
TEST, OBSERVATION, MONITORING
GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME A514179 COUNTY NO.

STATE SIGNATURE INSERT S

DATE ISSUED 1/26/01 CO SIGNATURE EXP. DATE 1/26/03

NORTH GRID 551 000 EAST GRID 0750 000

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

METHOD OF DRILLING

- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVERSE-ROTARY DRIVE-POINT
other

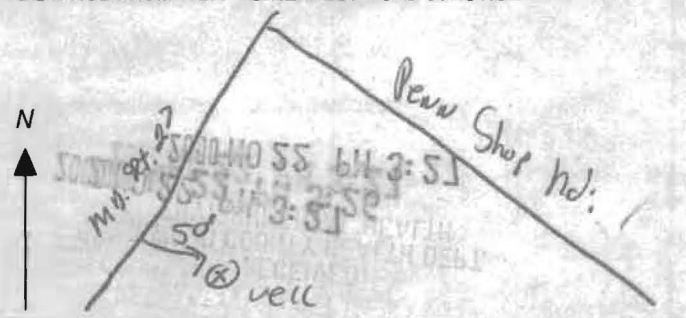
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

E 750 N 5521

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS



REPLACEMENT OR DEEPEMED WELLS

- 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-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
THIS WELL WILL DEEPEM AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER G A P

PERMIT No. HO-94-2918

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-2918 Tax Map 6 Grid 2 Parcel 10  
 Location of property (road) S/Corner of Penn Shop Rd & Route 27  
 Subdivision Former Zeigler Property Lot \_\_\_\_\_ Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller R. Payne Owner North ridge Development

Depth of well 205'  
 Distance of measuring point (M.P.) above ground 2'  
 Static water level (S.W.L.) below M.P. 45'

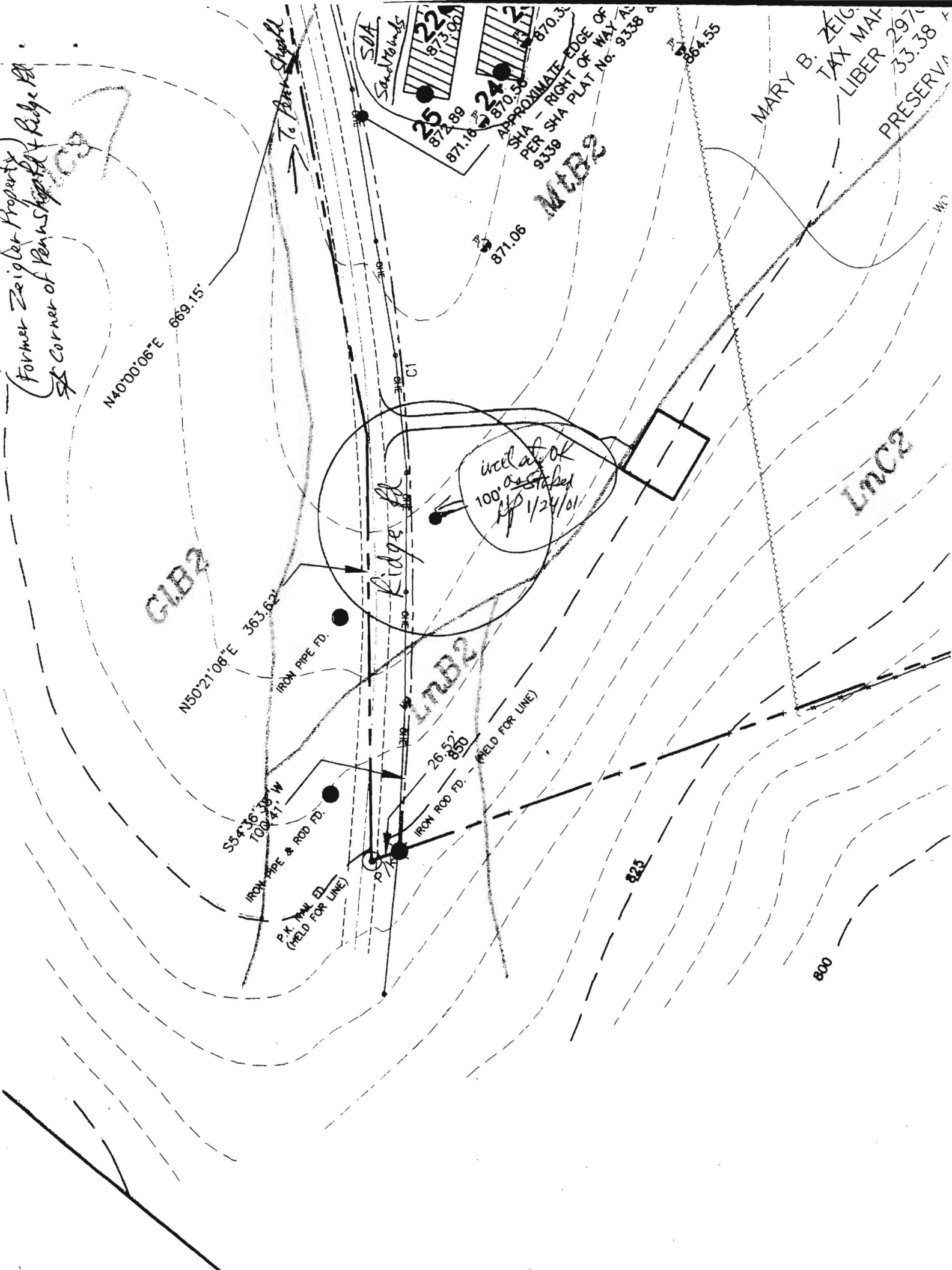
I. High rate pumping -- reservoir drawdown

Time pump started 8:30 Pumping rate 10 GPM  
 Total time 15 min to reach pumping water level 50 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 <del>1</del> gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:45	50 <del>ft</del>	6 Sec		10 GPM
9:00	50 <del>ft</del>	6 Sec		10 GPM
9:15	50 <del>ft</del>	6 Sec		10 GPM
9:30	50 "	6 "		10 "
9:45	50 "	6 "		10 "
10:00	50 "	6 "		10 "
10:15	50 <del>ft</del>	6 Sec		10 GPM
10:30	50 <del>ft</del>	6 Sec		10 GPM
10:45	50 <del>ft</del>	6 Sec		10 GPM
11:00	50 "	6 "		10 "
11:15	50 "	6 "		10 "
11:30	50 <del>ft</del>	6 Sec		10 GPM
11:45	50 <del>ft</del>	6 Sec		10 GPM

Former Zeigler Property  
SE Corner of Pennsylvania & Ridge Rd



N40°00'06"E 669.15'

GIB2

N50°21'08"E 363.62'

S54°38'38"W 100.47'

IRON PIPE & ROD FD.  
P.K. MAIL FD.  
(WELD FOR LINE)

26.52' 850'

MIRB2

Ridge Rd

well at ok  
100' as staked  
1/24/01

SUA  
SandVahnds

25  
872.89  
871.18

24  
870.58  
870.3

APPROXIMATE EDGE OF  
SHA - RIGHT OF WAY AS  
PER SHA PLAT No. 9338

871.06

MIRB2

825

800

MARY B. ZEIGLER  
TAX MAP  
LIBER 297/33.38  
PRESERVATION



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HOWARD COUNTY HEALTH DEPARTMENT

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*Diane L. Matuszak, M.D., M.P.H., County Health Officer*

December 26, 2000

*Memorandum*

To: Northridge Development LLC  
c/o Cindy DelZappo  
14045 Gared Dr.  
Glenwood, MD 21738

From: Ronald J. Pinkley, R.S. *RP*  
Water & Sewere Program

RE: Well Permit Application  
Zeigler Property  
SE corner of Penn Shop Rd. and Route 27  
Well Driller: Ralph Mayne

This office has recently received the above referenced well permit application. However, we are unable to approve the application at this time for the following reason:

- Our files lack a signed copy of a percolation certification plan showing an approved Sewage Disposal Easement, proposed well and house sites, etc.

Since this property was, as yet, only found suitable for sand mound-type sewage disposal systems, there is specific information for this particular plan, different from the standard perc plan, which must be included. Please have your engineer or surveyor contact me regarding this language unless he is already familiar with sand mound designs.

If you have any questions or concerns, please contact me at (410) 313-2640.

cc: File

*well permit released when SH plan showed site of well significant distance from Septic Area. RP*