

# PERMIT

11/5/87  
AM

P 40123

A 34888

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH\*

DISTRICT 5th

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

INDEXED

DATE 9/29/87

DATE SYSTEM APPROVED 11/5/87

05-399114

INSPECTOR (PB)

Thomas Twigg IS PERMITTED TO INSTALL  ALTER

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

SUBDIVISION Greenfields ROAD 6522 Prestwick Drive LOT 10, See

PROPERTY OWNER Thomas Twigg

ADDRESS \_\_\_\_\_

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES  NO

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 257 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 4.5 feet below original grade. Effective area begins at 4 feet below original grade. 1.5 feet of stone below distribution pipe

LOCATION - Place the distribution box 115 feet from the front (289.34') lot line and 160 feet from the right (256') lot line as seen when facing the lot from Right-of-way off Route 108. Run trenches on contour toward the right lot line.

MAINTAIN 100 FEET FROM WELL WITH SEPTIC TANK.

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

PLANS APPROVED BY S. Abel DATE 2/14/86

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(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 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 APPROVAL ON THIS PERMIT**

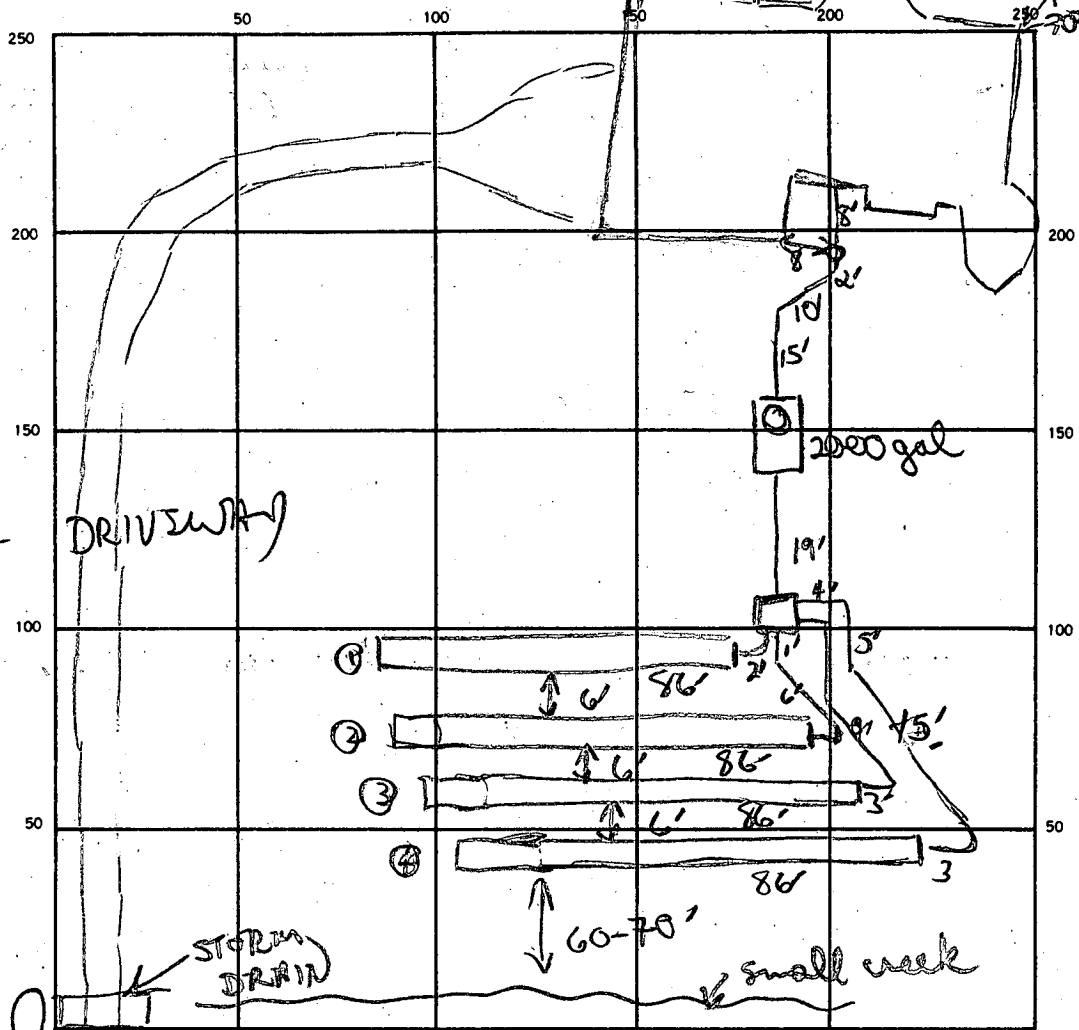
\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A  
3  
4  
8  
8  
8

11081815

LOT 9



cont. find

257  
4  
1028  
25  
4√1028  
8  
22

INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.  
PRESTWICK DRIVE.

SEPTIC TANK LEVEL 2000 gal CLEANOUTS 1 in line Manhole (3 2' high ring)

DISTRIBUTION BOX LEVEL ✓ w/ baffle

DRAIN FIELD/TILE FIELD DEPTH 48-51 TRENCH WIDTH 3 FT. INLET DEPTH \_\_\_\_\_ FT.

EFFECTIVE GRAVEL DEPTH 1.5 x 4 FT. TOTAL LENGTH 86' x 4 FT.

NUMBER OF TRENCHES 4 ONE SIDEWALL/BOTTOM AREA 258 x 4 SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 1032 SQ. FT.

86  
3  
258  
4  
1032

REMARKS 11/5/87 OK to cover from house to box. OK to cover all trenches & all other work

DATE SYSTEM APPROVED 11/5/87 INSPECTOR B Wifan

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 34888  
P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

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

DISTRICT 5

DATE 3-29-85

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 DEVELOPER Prestwick Drive Joint Venture Momas Twigg

ADDRESS Box 196, Clarksville, Maryland 21029 PHONE 854-0498

PROPERTY LOCATION:

SUBDIVISION Ralph Greene Property / GREENE FARMS Sec 1 LOT NO. NEW LOT 10 ON FINAL

ROAD AND DESCRIPTION End of Prestwick Drive

6522 Prestwick Dr.

SIZE OF LOT 3 acres TYPE BLDG. single family  
(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.

*[Signature]*  
SIGNATURE OF APPLICANT

APPROVED BY Sidney Abel FOR Shallow tile fields DATE 2-14-86

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 4-9-85 PERC SATISFACTORY, HOLD FOR REVIEW, WATER IN TWO HOLES, hold for Certified Subdivision plat, Hole location, house and well site

BLDG. PERMIT SIGNED  
AND RETURNED 3/24/87  
SM BPN4083

# THIS IS NOT A PERMIT

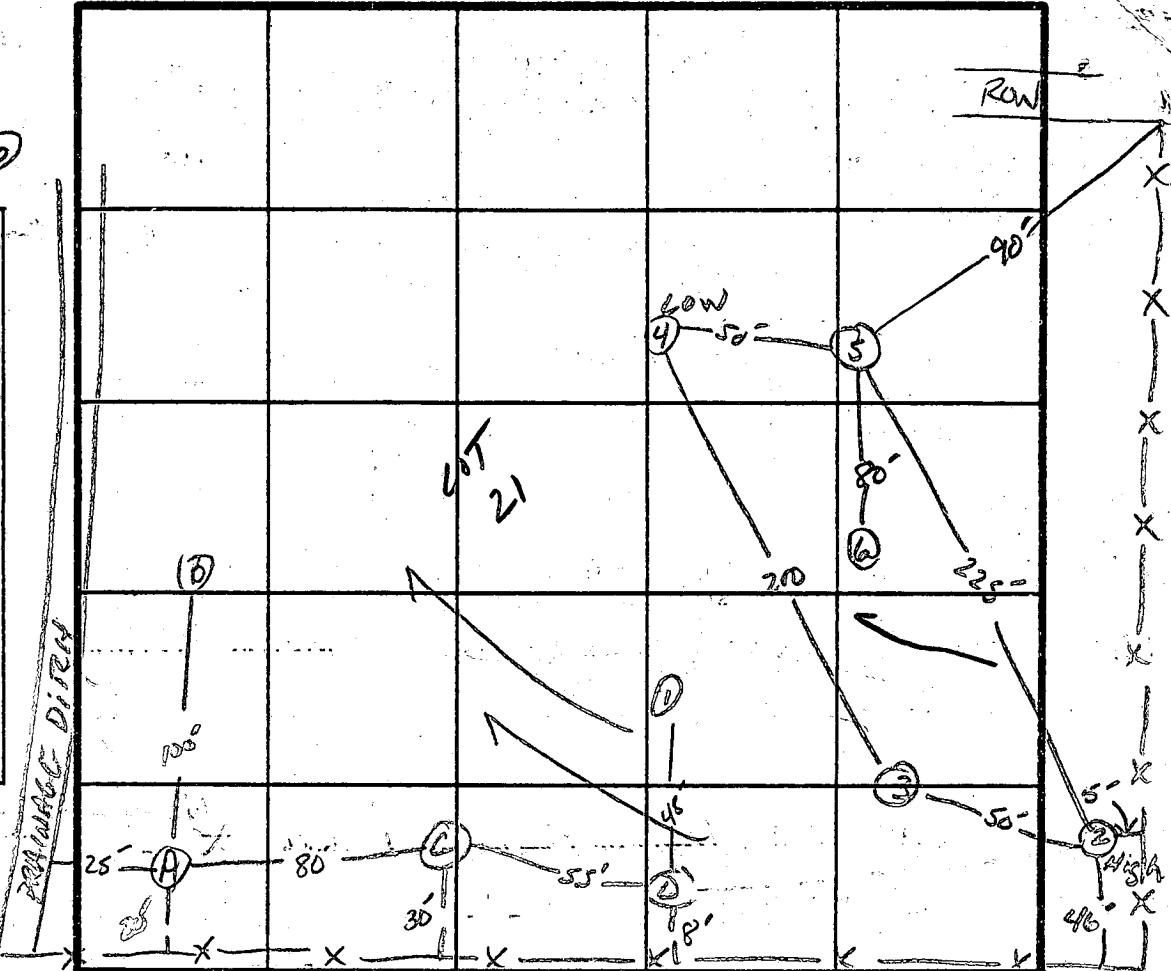
② ③ ④

SOIL PROFILE

0  
9"  
4'  
AP -  
BROWN CLAY  
LOAM 10%  
SAPROLITE  
LARGE STONES  
BROWN SAND  
LOAM 10-20%  
SAPROLITE

0  
9"  
2.8'  
AP  
BROWN CLAY  
LOAM 10%  
SAPROLITE  
BROWN SILTY  
SAND 10-20%  
SAPROLITE  
MURCIOUS

0  
9"  
4'  
AP  
Grey Brown  
CLAY 10%  
SAPROLITE  
BROWN SAND  
LOAM 10-20%  
SAPROLITE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/9/85	1	WATER AT 7.5'					
	2S	5'	1:22	1:26	1:26	1:33	7min
	2V	12"					
	3S	3'	1:34	1:40	1:40	1:57	17min
	3V	12"					
	4S	5'	2:10	2:24	2:24	2:53	29min
	4V	12"					
	5S	5'	1:58	2:01	2:01	2:10	9min
	5V	12"					
	6V	12"					
4/9/85	A	WATER AT 5'					
	B	WATER AT 7'					
	C	WATER AT 9'					
	D	WATER AT 6' ROCK 3' down					

x PERC  
TIME  
16min  
INLET 30"  
BOTTOM MAX  
4.5'  
209 7/8R

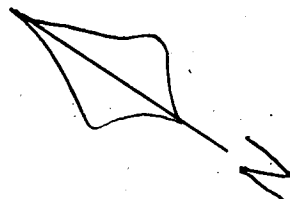
REMARKS BOTTOM MAX Shallow Sys. FURTHER TEST TO

ACCOMMODATE HOUSE + WELL SITE

TYPE OF SOIL

TESTED BY SAHL

Richard Montez, Richard Demeter  
ALSO PRESENT CRISIS



LOT # 9

MILLER

Retm

EXIST. EL. AT TRENCH @ 95.0' ✓  
① 94.0' ✓  
② 93.0' ✓  
③ 92.0' ✓

INV. ELEV INTO TRENCH  
① 90.5' ✓  
② 90.5' ✓  
③ 90.0' ✓  
④ 89.0' ✓

EXIST. EL. AT SEPTIC 95' ✓

INV. EL. OUT OF SEPTIC TANK 91.00'

INV. EL. INTO SEPTIC TANK 91.2'

EXIST. EL. AT DIST. BOX 94.5' ✓

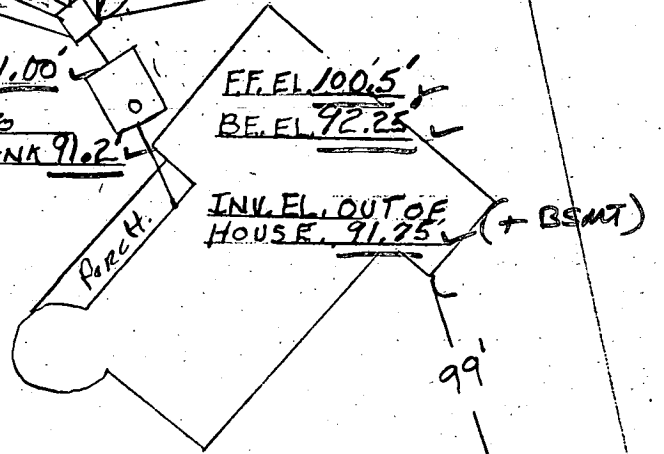
INV. EL. INTO DIST. BOX 90.8' ✓

FF. EL. 100.5' ✓  
BE. EL. 92.25' ✓

INV. EL. OUT OF HOUSE 91.25' (+ BSMT)

Well Elev. 100.00

LOT # 10



8/24/87  
Newman  
oh  
BLDG. PERMIT SIGNED  
AND RETURNED 8/24/87 SK  
BP14083 PERMIT SIGNED  
AND RETURNED SK

Tom Twigg 350-7500

B 7. **1522** SEQUENCE NO. (OEP USE ONLY)

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

STATE OF MARYLAND  
**PERMIT TO DRILL WELL**  
 please print or type

OEP PERMIT NUMBER  
**HO-81-1815**  
 fill in this form completely

Date Received

**OWNER INFORMATION**

**HIGHLAND Development**  
 15 Last Name Owner First Name 34

**PO BOX 208**  
 36 Street or RFD 55

**CLARKSVILLE MD 21029**  
 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL

**HOWARD** COUNTY 21

**GREENE FIELDS** SUBDIVISION 42

SECTION **1** LOT **10**

**HIGHLAND** NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) **1** MI 73 76 77 78

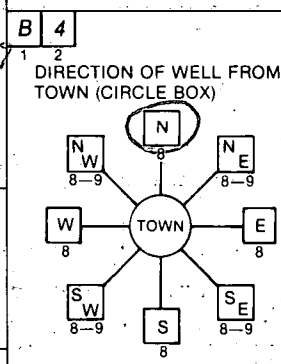
**DRILLER INFORMATION**

**Joseph L. MAYNE** 238  
 77 License No. 80

**Joseph L. MAYNE Well Drilling**  
 Firm Name

**5512 Ridge Rd. Mt. Airy 21771**  
 Address

**Joseph L. Mayne** **11/12/86**  
 Signature Date



**Prestwick DR.** NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

**1275** DISTANCE FROM ROAD 34 37

ENTER FT or MI **FT** 38 39

B 2 WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) **5**

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **500**

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**

HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)

PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)

TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

**HOWARD** COUNTY NAME **A34888** COUNTY NO.

OEP SIGNATURE \_\_\_\_\_ STATE HEALTH INSERT S

DATE ISSUED **12/18/86** CO. SIGNATURE **Stacy** EXP. DATE **6/18/87**

NORTH GRID **494000** EAST GRID **0813000**

APPROXIMATE DEPTH OF WELL **100** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

**METHOD OF DRILLING (circle one)**

BORED (or Augered)  **AIR-ROtary**  AIR-PERcussion  ROTARY (Hydraulic Rotary)

JETTED  Jetted & DRIVEN

CABLE  REVerse-ROtary  DRive-POINT

other \_\_\_\_\_

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- Well
- 
- 

WRITE THE BOX NUMBER FROM THE MAP HERE

**8123**  
**4984**

215187 WELL OK  
 SEE OTHER SIDE  
 R12

**REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)**

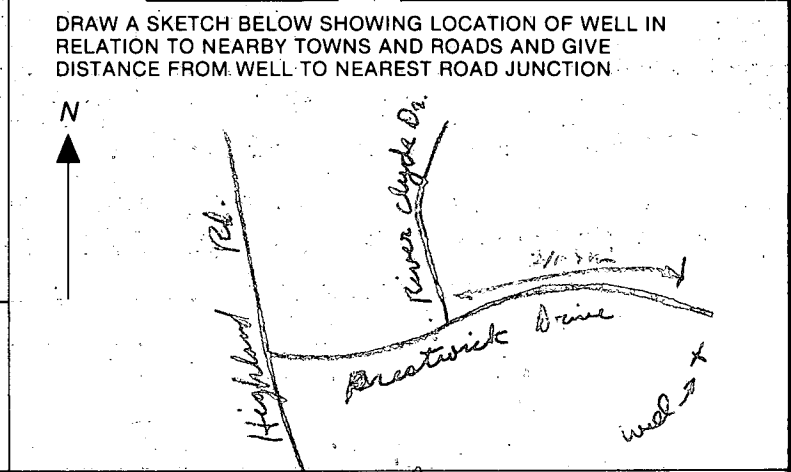
THIS WELL WILL NOT REPLACE AN EXISTING WELL

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

THIS WELL WILL DEEPEM AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) \_\_\_\_\_



Not to be filled in by driller (OEP USE ONLY)

APPROP. PERMIT NUMBER \_\_\_\_\_ G A P \_\_\_\_\_

FORCE **45** WRITE INITIALS IN BOX PERMIT No. **HO-81-1815**

SPECIAL CONDITIONS

2/5/87

11/12/86

- ① 47 Ft Pipe
- ② 40 Ft open hole
- ③ 11 Bags
- ④ Location looks OK
- ⑤ Well already grouted

Also present  
Judy Johnny Joe

R. Dodge

C1 3755

SEQUENCE NO. (OEP 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 PRINT OR TYPE

COUNTY NUMBER A 34888

DATE RECEIVED

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8-13-87

02/15/87

22 388 26 (TO NEAREST FOOT)

40-81-1815

OWNER HIGHLAND DEVELOPMENT STREET OR RFD GREENE FIELDS SECTION 1 TOWN HIGHLAND

WELL LOG Not required for driven wells STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

GROUTING RECORD WELL HAS BEEN GROUTED (Y) TYPE OF GROUTING MATERIAL CEMENT (CM) BENTONITE CLAY (BC) NO. OF BAGS 11 NO. OF POUNDS 1034

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 12 METHOD USED TO MEASURE PUMPING RATE WATER LEVEL (distance from land surface) BEFORE PUMPING WHEN PUMPING TYPE OF PUMP USED (for test) S submersible

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes handwritten entries like '41 388'.

CASING RECORD MAIN CASING TYPE 51 Nominal diameter top (main) casing (nearest inch) 63 Total depth of main casing (nearest foot) 66

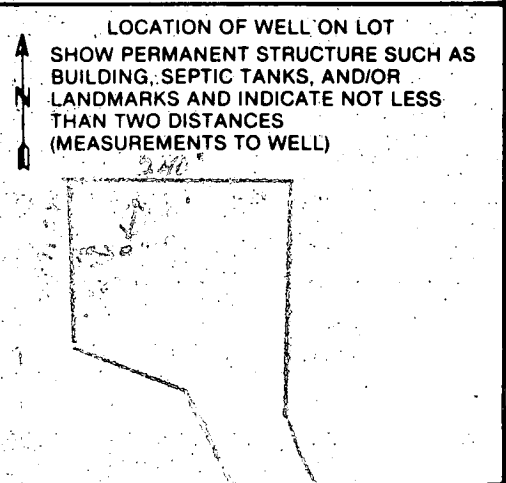
PUMP INSTALLED DRILLER WILL INSTALL PUMP YES (NO) TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: CAPACITY: GALLONS PER MINUTE (to nearest gallon) PUMP HORSE POWER PUMP COLUMN LENGTH (nearest ft.) CASING HEIGHT (circle appropriate box and enter casing height) LAND SURFACE (nearest foot)

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

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

DEPTH (nearest ft.) 45 388 SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) from to

CIRCLE APPROPRIATE LETTER 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 10.17.13 "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.

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

DRILLERS IDENT. NO. 238

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) WQ TELESCOPE CASING LOG INDICATOR OTHER DATA

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

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