

11/14/85  
A.S.H.P.

02-263084

APPROVED  
1114185  
RH

# PERMIT

P 36125  
A 24951

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH

INDEXED

ELLICOTT CITY  
DISTRICT 2nd

461-9933

DATE 10/22/85

*I. C. O. Permitted only  
Time expired*

Ned Tillman IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION \_\_\_\_\_ ROAD 4801 Manor Lane LOT \_\_\_\_\_

PROPERTY OWNER Ned Tillman

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES \_\_\_\_\_ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 225 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 9 feet below original grade. Effective area begins at 4.5 feet below original grade. 4.5 feet of stone below distribution pipe. - 120 SA

LOCATION: Place the distribution box 210 feet from the front 244.94' lot line and 100 feet from the right 912.10 ft. lot line as seen when facing lot from Manor Lane. Run trench(s) on grade toward the left lot line as seen when facing lot from Manor Lane.

NOTE: No trench to exceed 100 feet in length! If more than one trench used, a distribution box is required. Call for inspection of trench(s) before and after gravel is installed. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. SM

PLANS APPROVED BY Sid Abel DATE 10/22/85

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH.

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 THREE YEARS.

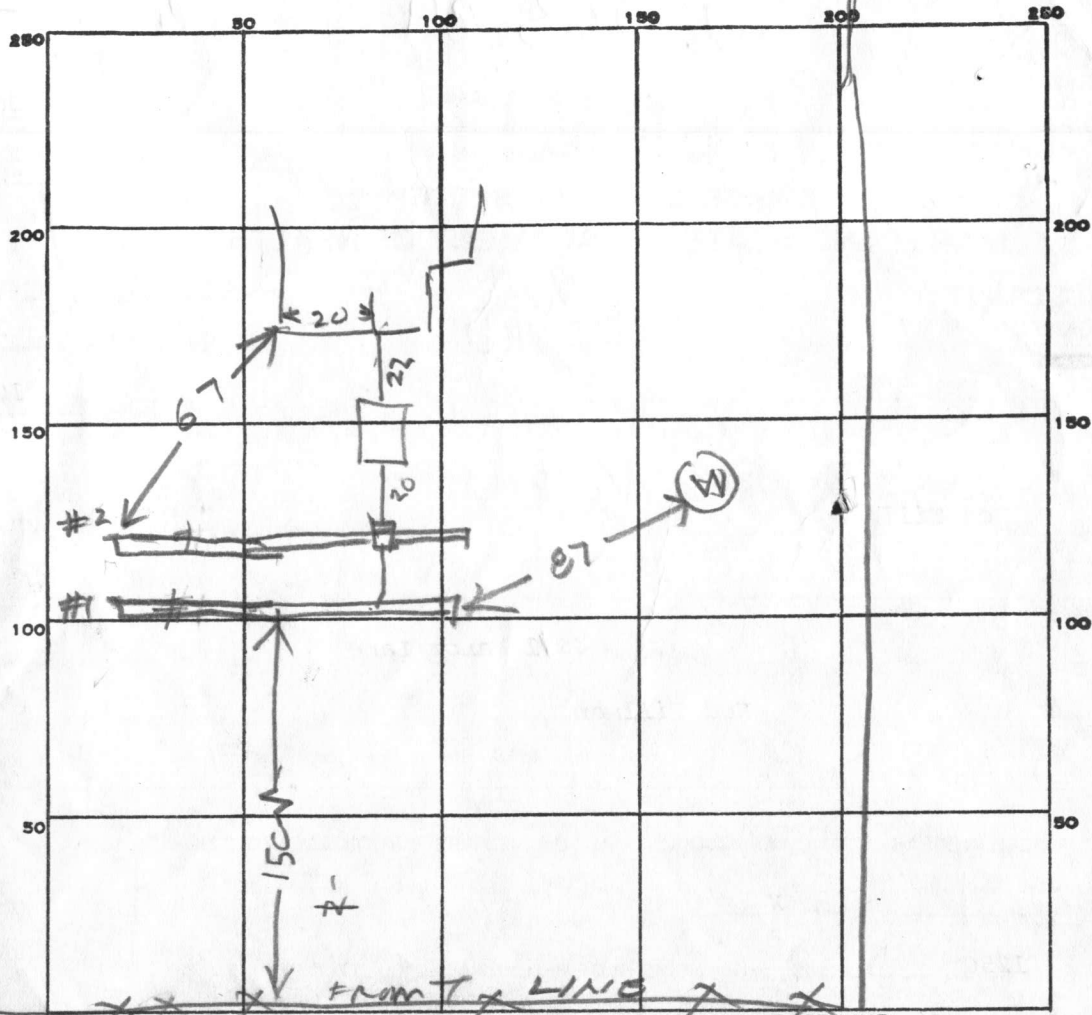
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

\*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A  
24951



PERMIT CARD \_\_\_\_\_

SEPTIC TANK, LEVEL OK 1500

CLEANOUTS ST OK

DISTRIBUTION BOX, LEVEL \_\_\_\_\_ #1 #2

TILE FIELD, DEPTH 19 4 FT. TRENCH WIDTH 2 2 FT.

GRAVEL DEPTH 5 5 IN. TOTAL LENGTH 100 91 100 FT.

NUMBER OF TRENCHES \_\_\_\_\_ TOTAL BOTTOM AREA ONESIDE 900 BELOW TOP 4.5 FT

SEEPAGE PITS, INSIDE DIAMETER \_\_\_\_\_ FT. DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA \_\_\_\_\_ SQ. FT.

REMARKS 11/14/85 - LOCATION OK. TRENCH CAN BE ONLY 75 FT FROM WELL BECAUSE PLAT RECORDED 1977 DIG TRENCHES LONGER TO A TOTAL LENGTH 200 FT & ADD STONE.

11/14/85 - STONE ADDED & JOB FINISHED R17

DATE SYSTEM APPROVED 11/14/85

INSPECTOR Raymond Hodger

*Pril*

# APPLICATION

A 24951

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT <sup>3 B.R.</sup> 1000 gal. septic tank | <sup>4 B.R.</sup> 1250 gal. septic tank DISTRICT 2nd.  
ENVIRONMENTAL HEALTH SERVICES DATE 12/6/76

P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

*Drywell and trench system to have 187 sq. ft. effective sidewall absorption area per bedroom to begin below the top 3 ft. of non-porous soil. Maximum depth permitted for drywell or trench is 10 ft. below original grade. Place the drywell 395 ft. from the front (244.94 ft. long) property line and 100 ft. from the right (508.10 ft. long) side line, as seen when facing the property from Manor Lane. Start the trench after a 5 foot earth buffer with the drywell and proceed to dig it on level ground (towards the left side line) the necessary distance. NOTE Call for inspection of trench before gravel is installed.*

TO: THE COUNTY HEALTH OFFICER  
ELLICOTT CITY, MARYLAND

*trench only system 217 B.R. - 125 linear ft. of trenches  
2-65" trenches, trenches 15' apart*

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

PROPERTY OWNER Catherine Linn Pikey/Mary C. Klein Kathy & Ned Tillman

ADDRESS 8910 Frederick Road Ellicott City, MD 21043 PHONE any questions call: 286-2279 Paul Thompson

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 5 (new 9)

# 4811  
ROAD AND DESCRIPTION off Manor Lane 4 - No

SIZE OF LOT 1 acre ± TYPE BLDG. 3 or 4  
NUMBER OF BEDROOMS \_\_\_\_\_

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

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

SIGNATURE OF APPLICANT /s/ Paul C. Thompson

APPROVED BY Frank Skinner FOR Drywell and trench DATE 2/7/78  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

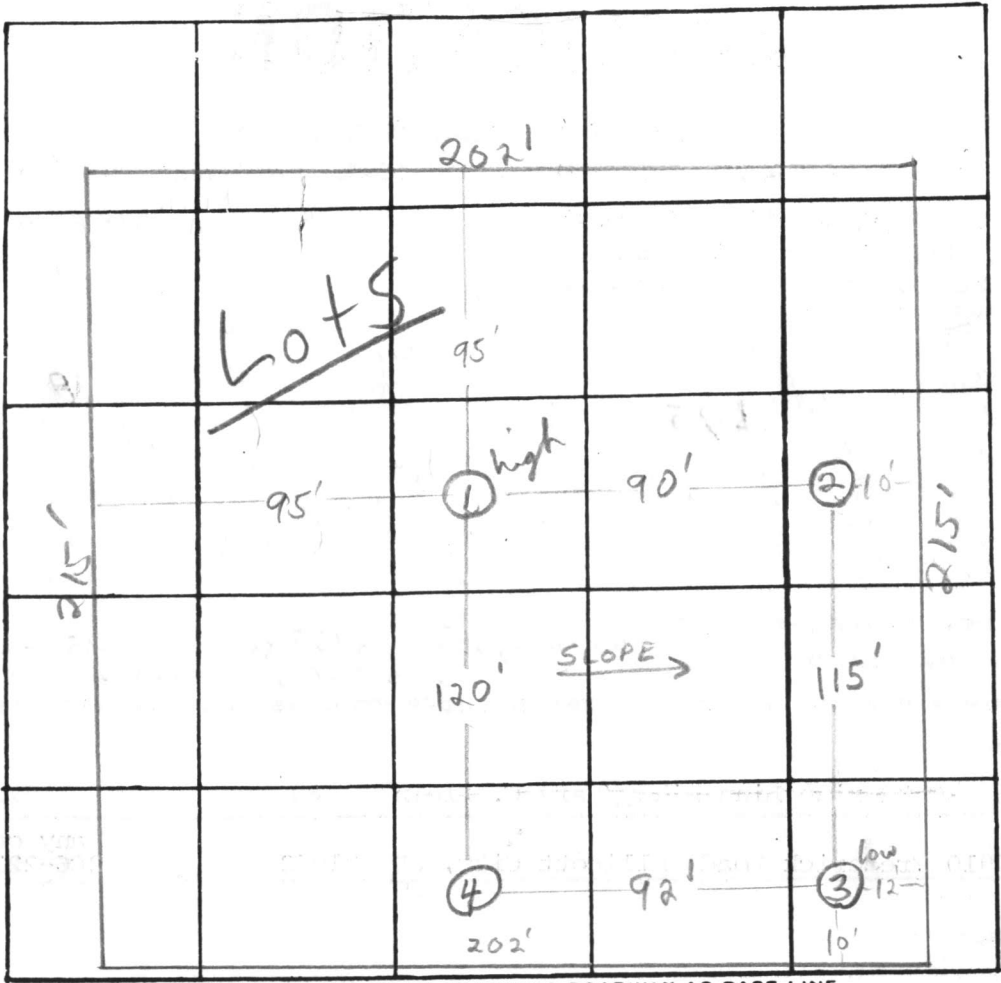
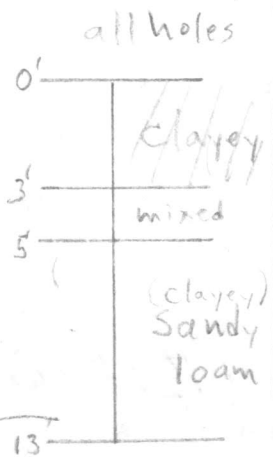
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

D.P. # 66106  
BLDG. PERMIT SIGNED  
AND RETURNED 8-15-85

# THIS IS NOT A PERMIT

*well sk/75*



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1/4/77	1 high	4 1/2'	11:50	11:54	11:54	12:09	13 min	
	1A	13'	11:56	12:10	12:10	12:32	22 min	
	②	4 1/2'	1:38	2:02	2:02	1/2" drop	FAILS	
	2A	13'	1:38	1:45	1:45	1:58	13 min	
	3 low	3 1/2'	1:50	1:54	1:54	2:03	9 min	
	3A	13'	1:50	2:00	2:00	2:12	12 min	
	4	12 1/2'	Clayey to 5'; sandy loam below					
	2B	6'	2:50	3:00	3:00	3:21	21 min	

clayey to 3'

17.5 min @ 9'  
1874/B.R.  
11:43'

REMARKS New Lot 9

TYPE OF SOIL clayey sandy loam below top ~ 3' to 5' clayey soil

TESTED BY F.S. & H.B.

ALSO PRESENT: Paul Thompson

# APPLICATION

A 24952

*Permit*

## SEWAGE DISPOSAL TESTING

P \_\_\_\_\_

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES

DISTRICT 2nd.

P. O. BOX 176, ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 465-5000, EXT. 356

DATE 12/6/76

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 Catherine Linn Pikey/Mary C. Klein

ADDRESS 8910 Frederick Road Ellicott City, MD 21043 PHONE any questions call: 286-2279 Paul Thompson

PROPERTY LOCATION:

SUBDIVISION \_\_\_\_\_ LOT NO. 6 (new part of 9)

ROAD AND DESCRIPTION off Manor Lane

SIZE OF LOT 1 acre ± TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS \_\_\_\_\_

IF NOT SINGLE RESIDENCE DESCRIBE \_\_\_\_\_

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

SIGNATURE OF APPLICANT /s/ Paul C. Thompson

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_  
(KIND OF SYSTEM)

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

REASONS FOR REJECTION OR HOLDING \_\_\_\_\_

# THIS IS NOT A PERMIT

all holes

0' clayey

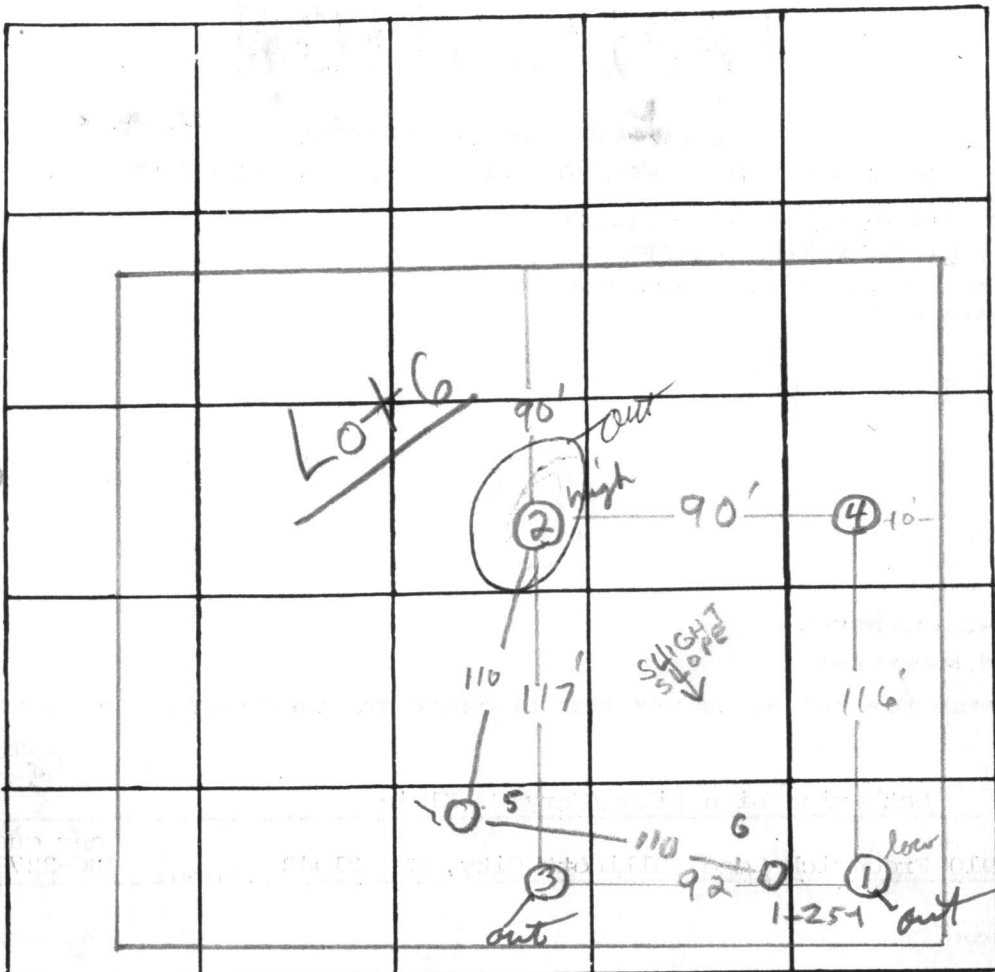
5' mixed (clayey)

13' Sandy loam

5' clay

6' sandy

13'



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Proposed Street

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
1/4/77	① low	4'	2:17	2:49	FAILS			
	1A	13'	2:18	2:39	2:39	pulled per 3:20 3/4" drop FAILS		
	② high	5 1/2'	2:42	3:25	FAILS			
	2A	13'	2:42	2:53	2:53	3:08	15 min dog to 14' same soil	
	3	4 1/2'	3:05	3:25	3:25	3:57	32 min OVERTIME	
	3A	13'	3:05	3:07	3:07	3:11	4 min sandy	
	4	13'	clayey to 5 1/2'; clayey sandy loam below					
	②B	6 1/2'	3:33	3:50	3:50	pulled per 4:15 1/2" drop		
RA 1/5	5A	6	12 55	12 55	12 55	13 02	7	
	6	13	12 48	12 55	12 55	13 02	7	
	6A	4 1/2	12 48	13 14	13 14	13 39	25	

REMARKS This area fails standard pre test

TYPE OF SOIL clayey sandy loam below top 5-7ft. clayey soil

TESTED BY F.S. ALSO PRESENT: Paul Thompson



C 1 7705

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)

COUNTY NUMBER A24951-

Date Received (OEP use only)

DATE WELL COMPLETED 042783

Depth of Well 200

PERMIT NO.

FROM "PERMIT TO DRILL WELL" H0-81-0049

OWNER Tillman Edward last name first name

STREET OR RFD Manor Lane TOWN Elioak

SUBDIVISION Klein & Linn property SECTION LOT 9

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

Table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Rows include TOP SOIL, CLAY, SANDSTONE, CLAY, SHALEY, SANDSTONE, MICA, SANDSTONE QUARTZ, MICA, SANDSTONE, MICA & FLINT, MICA.

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) TYPE OF GROUTING MATERIAL CEMENT [CM] BENTONITE CLAY [BC] NO. OF BAGS 9 NO. OF POUNDS 900 GALLONS OF WATER 50 DEPTH OF GROUT SEAL (to nearest foot) from 0 ft. to 30 ft.

CASING RECORD casing types insert appropriate code below MAIN CASING TYPE [ST] Nominal diameter top(main) casing (nearest inch) 6 Total depth of main casing (nearest foot) 48

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

SCREEN RECORD screen type or openhole insert appropriate code below [ST] [BR] [HO] [PL] [OT] STEEL BRASS BRONZE OPEN HOLE PLASTIC OTHER

DEPTH (nearest ft.) [H0] 46 200 SLOT SIZE DIAMETER OF SCREEN (NEAREST INCH)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX [F]

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

PUMPING TEST HOURS PUMPED (nearest hour) 3 PUMPING RATE (gal. per min. to nearest gal.) 0 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL (distance from land surface) BEFORE PUMPING 25 WHEN PUMPING 47 TYPE OF PUMP USED (for test) [S] submersible

PUMP INSTALLED DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) [Y] [N] IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O)) 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 LAND SURFACE [-] below (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) WELL 25' MANOR LA. Right lot line

- CIRCLE APPROPRIATE BOX [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 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.

DRILLERS IDENT NO. 40 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION) SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)