

~~4/28/78~~
~~before placing~~
~~6/28/78~~
~~a.m. please~~

app. 7.28.78
P 28022
A XNN 25306

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 5th

DATE 5/8/78

INDEXED
05-384133

R. L. Orndorff IS PERMITTED TO INSTALL X ALTER

ADDRESS _____ PHONE 725-4969

SUBDIVISION Simpson Woods ROAD 11886 Simpson Road LOT 8, Sec. 1

PROPERTY OWNER Nu-Homes, Inc.

ADDRESS 6655H Dobbin Road, Columbia, Md. 21044

SPECIFICATIONS 5 bedrooms
SEPTIC TANK CAPACITY 1500 GALLONS
DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.
DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.
SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA 140 SQ. FT. sidewall area per bedroom below inlet.
INLET PIPE 2 1/2 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 12 FT. BELOW ORIGINAL GRADE
EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.
LOCATE DISPOSAL AREA 15 FT. FROM right LOT LINE AND 90 FT. FROM rear LOT LINE AS SEEN WHEN
FACING LOT FROM Simpson Road (perc hole 5 & 6).

PLANS APPROVED BY Charles B. Streaker DATE 9/27/77

COVER NO WORK UNTIL INSPECTED AND APPROVED.

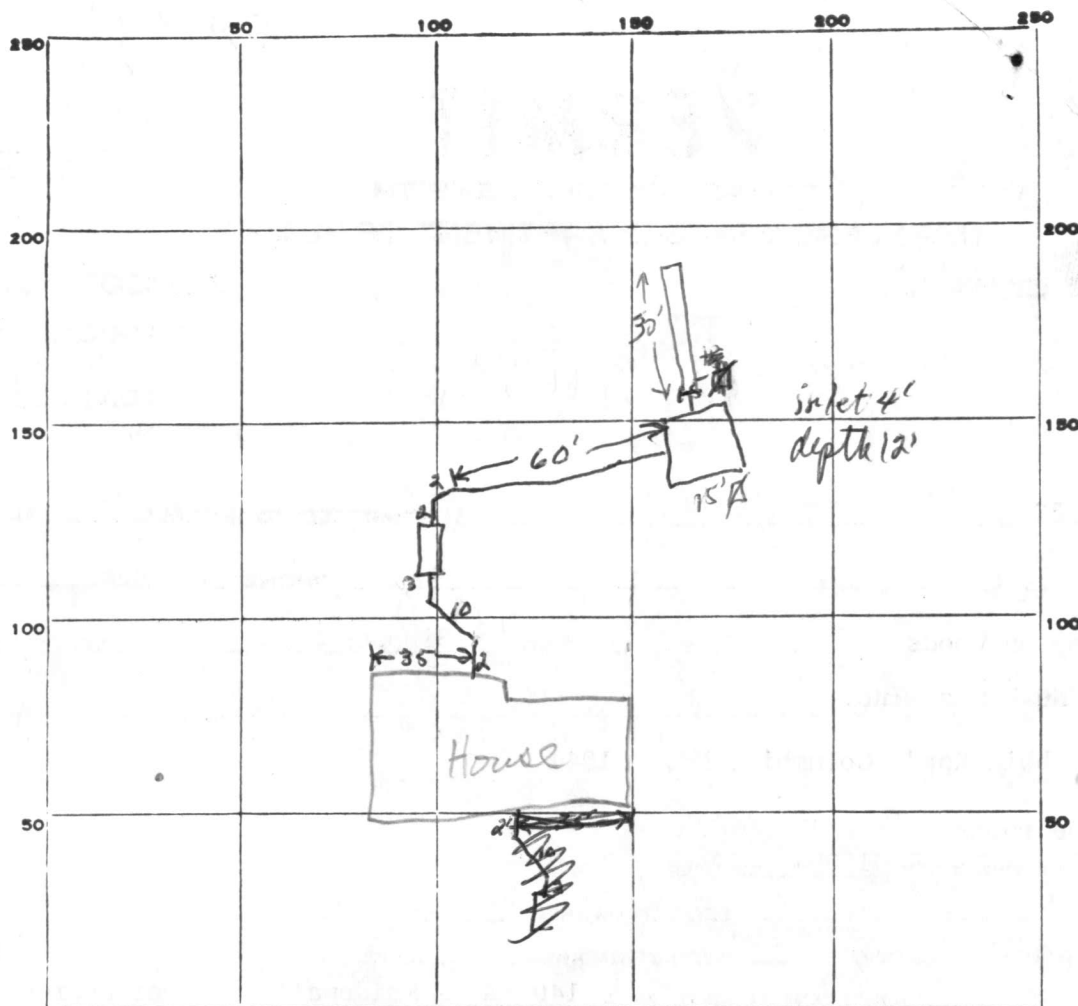
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM.

- NOTE: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.
- NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.
- NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.
- 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 ACCEPTED.

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

A25306

140
5
700



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Simpson Rd.

PERMIT CARD ☒

SEPTIC TANK, LEVEL 1500500

CLEANOUTS ST/DW
✓/✓

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 12 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH _____ IN. TOTAL LENGTH 30 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA _____

SEEPAGE PITS, INSIDE DIAMETER 60 FT. DEPTH BELOW INLET 8 FT.

ABSORBENT AREA 480 SQ. FT.

REMARKS 6/13/58 TSO: Add stone to Dtd. Add 30' trench 4' inlet, 12' deep.
Call for trench insp. before adding stone. Ok to cover
system up to Dtd.
6/23/58 TSO: Ok to gravel trench

DATE SYSTEM APPROVED 7/20/78

INSPECTOR SW Monaghan

APPLICATION

A 25306

SEWAGE DISPOSAL TESTING

P _____

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE
HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 475, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 445-5000, EXT. 356

DISTRICT 1000 gallons
5th
DATE 3/17/77
31199 gallons

Septic Tank { 1-3 Bedrooms
4 Bedrooms
⊕ Dry well to have = 140 g.p.t. effective
absorbant sidewall area per bedroom below unit.
Unit to be 2 1/2' below original grade and maximum
depth 12'. Location per plat: 15' off right property
line and 90' from rear property line when facing
lot from Simpson Road. Per hole (5+6)

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. PHASE II, LTD.

PROPERTY OWNER % LANDBORG, INC.

SUITE 128

ADDRESS 1000 CENTURY PLAZA COL. MD. 21044

PHONE 730-0500
open grave installed

PROPERTY LOCATION:

SUBDIVISION SIMPSON WOODS, SECTION ONE

LOT NO. 3

ROAD AND DESCRIPTION SIMPSON ROAD; COR. OF ROAD A

Block B

SIZE OF LOT 43,700

TYPE BLDG. 3 or 4

NUMBER OF BEDROOMS 5 bedrooms

IF NOT SINGLE RESIDENCE DESCRIBE _____

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

SIGNATURE OF APPLICANT Clarence Burg, Pres., Phase II, Ltd.

APPROVED BY C.B. Streskin

FOR ⊕ Dry well, 4/5 dry
well & trench
(KIND OF SYSTEM)

DATE 9/27/77

REJECTED BY _____

FOR _____
(KIND OF SYSTEM)

DATE _____

HOLD PENDING FURTHER TESTS _____

DATE _____

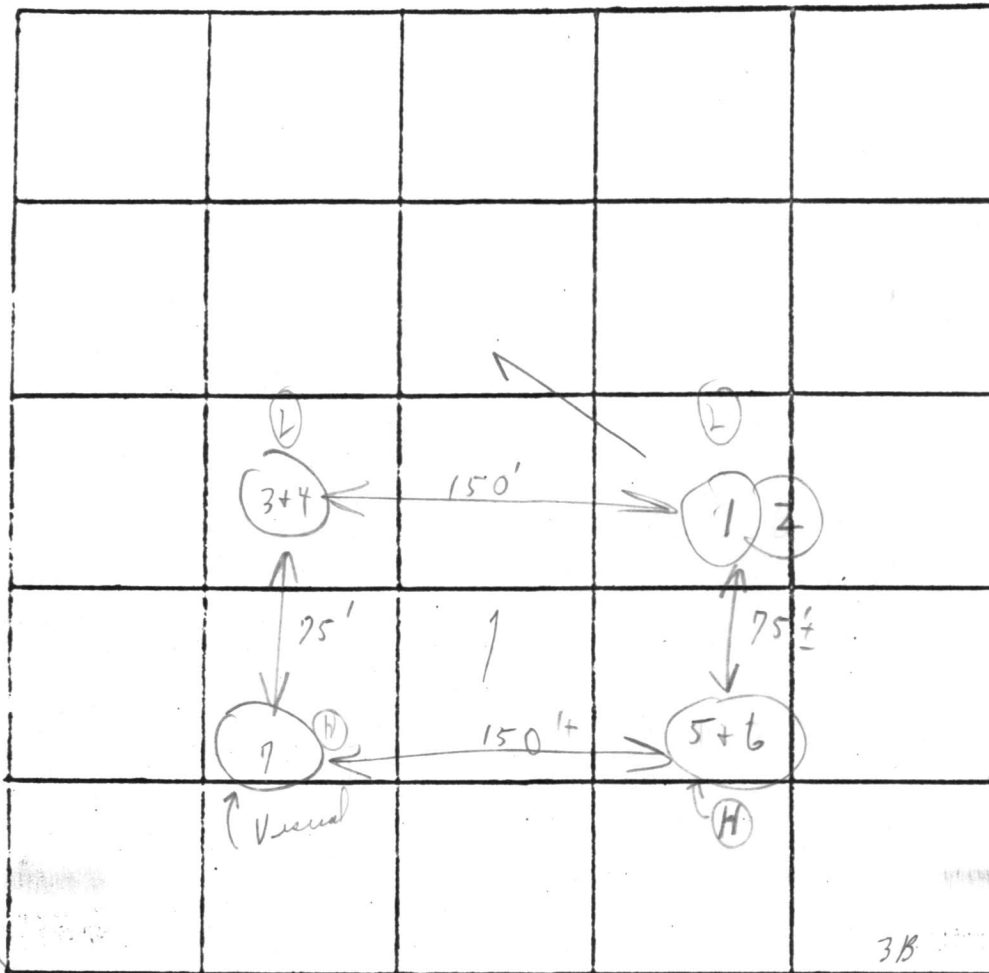
REASONS FOR REJECTION OR HOLDING _____

DEPT. PERMIT SIGNED

AND RETURNED 3/15/78

serial # 34814

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

3B

New #8

Soil Profile

Sandy loam
below clay

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/10/77	1	2 1/2' ^s	9:40	9:46	9:46	10:02	16m
	(L) 2	12 1/2' ^p	9:40	9:44	9:44	9:57	13
	3	4 1/2' ^s	9:21	9:24	9:24	9:34	10m
	(L) 4	12' ^p	9:55	10:00	10:00	10:10	10m
	5	4'	9:35	9:37	9:37	9:41	4m
	(H) 6	12 1/2'	9:35	9:38	9:38	9:45	7m
	(H) 7	12 1/2'	Visual similar to others				
						6	60

140

4'
10m

REMARKS

Crack on lot

TYPE OF SOIL

(Sandy loam below clay)

TESTED BY

C. B. H.

ALSO PRESENT:

Kettlemans

Site plan for a proposed residential development on Lot 8. The plan shows a rectangular lot with a curved boundary on the left. A "Disposal Field" is located on the left side, with a "Septic Tank" (FF 510.1, Box 507.7) and a "Gar" (514.8) situated to its right. A "Drywell" is located at the top right corner. A "Tree Well" is indicated near the center. The plan includes various dimensions, bearings, and elevations. A note at the top right states: "Note: Provide Sanitary Video or 100'". The lot is bounded by Simpson Road to the east and a curved boundary to the west. The plan is labeled "Lot 8" and "7".

B 1	6481	SEQUENCE NO. (WRA USE ONLY)	STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL	WRA PERMIT NUMBER <div style="font-size: 24pt; font-weight: bold;">HO-73-2412</div>
2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)			FILL IN THIS FORM COMPLETELY	

DATE RECEIVED (WRA USE ONLY)	<div style="font-size: 24pt; font-weight: bold;">3/13/78</div> <div style="font-size: 18pt; font-weight: bold;">3/10/78</div> <div style="font-size: 18pt; font-weight: bold;">9:30 A.M.</div> <div style="font-size: 18pt; font-weight: bold;">1:45 P.M.</div>	OWNER	Nu Homes, Inc. COL 15 LAST NAME FIRST NAME COL. 34 6655 H. Dobbin Road COL 36 COL. 55 Columbia, Maryland 21044 COL 57 COL. 76
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B 1	CONTINUED	DRILLER INFORMATION
1 2 3 (SEQ. NO.) 6		
DATE		October 26, 1977 LICENSE NUMBER 296 77 80 Ronald L. Kyker FIRST NAME DRILLER LAST NAME SIGNATURE

B 3	(SEQ. NO.) 6	LOCATION OF WELL
1 2 3 (SEQ. NO.) 6		
COUNTY		Howard
SUBDIVISION		Simpson Woods
SECTION		1 8 42
NEAREST TOWN		Clarksville
MILES FROM TOWN (ENTER 0 IF IN TOWN)		3 71 76 77 78

B 2	(SEQ. NO.) 6	WELL INFORMATION
1 2 3 (SEQ. NO.) 6		
MAXIMUM PUMPING RATE (GALLONS PER MINUTE)		600
AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY)		14 20
USE FOR WATER (CIRCLE APPROPRIATE BOX)		
<input type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING, AGRICULTURE, IRRIGATION <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT. <input type="checkbox"/> MUNICIPAL WATER SUPPLY <input type="checkbox"/> PRIVATE WATER COMPANY <input type="checkbox"/> TEST		

B 4	(SEQ. NO.) 6	DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX)
1 2 3 (SEQ. NO.) 6		
<input type="checkbox"/> NORTH <input type="checkbox"/> EAST <input type="checkbox"/> NE <input type="checkbox"/> SE <input type="checkbox"/> SOUTH <input type="checkbox"/> WEST <input type="checkbox"/> NW <input type="checkbox"/> SW NEAR WHAT ROAD Simpson Road ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) <input type="checkbox"/> NORTH <input type="checkbox"/> SOUTH <input type="checkbox"/> EAST <input type="checkbox"/> WEST DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 30 34 37 38 39		

B 3	(SEQ. NO.) 6	REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)
1 2 3 (SEQ. NO.) 6		
<input type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)		

NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY)	
APPROPRIATION PERMIT NUMBER FORCE WRITE INITIALS IN BOX CONDITIONS	ENGINEER REVIEW DISTRICT NO. A E N S G W Q C L U APPROVED BY Fred Frommelt, Sanitarian

B 4	CONTINUED	HEALTH DEPARTMENT APPROVAL
1 2 3 (SEQ. NO.) 6		
DATE		Howard W27128 COUNTY NAME COUNTY NO. MO. DAY YR. 10 28 77 43 48

B 5	(SEQ. NO.) 6	SPECIAL CONDITIONS 8-63 (WRA USE ONLY)
1 2 3 (SEQ. NO.) 6		

B 5	(SEQ. NO.) 6	HEALTH DEPARTMENT APPROVAL
1 2 3 (SEQ. NO.) 6		

B 5	(SEQ. NO.) 6	HEALTH DEPARTMENT APPROVAL
1 2 3 (SEQ. NO.) 6		

C 1	8324	SEQUENCE NO. (WRA USE ONLY)	STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401 WELL COMPLETION REPORT		THIS REPORT MUST BE SUBMITTED WITH- IN 30 DAYS AFTER WELL COMPLETION FILL IN THIS FORM COMPLETELY COUNTY NUMBER W27123
1 2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		DATE RECEIVED (WRA USE ONLY)		DEPTH OF WELL <div style="border: 1px solid black; padding: 2px; display: inline-block;">277</div> 22 (TO NEAREST FOOT) 26	PERMIT NO. FROM "PERMIT TO DRILL WELL" <div style="border: 1px solid black; padding: 2px; display: inline-block;">H0-73-2412</div> 28 29 30 31 32 33 34 35 36 37
DATE WELL COMPLETED <div style="border: 1px solid black; padding: 2px; display: inline-block;">031378</div> 15 20		DRILLERS IDENTIFICATION NO. 296			
OWNER Nu Homes, Inc. LAST NAME 6655 H. Dobbin Road FIRST NAME STREET OR RFD Columbia, Md. 21044 POST OFFICE					
WELL DESCRIPTION					
WELL LOG STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING		GROUTING RECORD WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) <div style="display: flex; justify-content: space-around;"> <div>YES <input checked="" type="checkbox"/> Y 44</div> <div>NO <input type="checkbox"/> N 44</div> </div> TYPE OF GROUTING MATERIAL (CIRCLE BOX) <div style="display: flex; justify-content: space-around;"> <div>CEMENT <input checked="" type="checkbox"/> C <input checked="" type="checkbox"/> M 45 46</div> <div>BENTONITE CLAY <input type="checkbox"/> B <input type="checkbox"/> C 45 46</div> </div> NO. OF BAGS 23 NO. OF POUNDS 2,162 GALLONS OF WATER 138			
DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)		FEET FROM TO		CHECK IF WATER BEARING	
Dirt		0 3			
Soft Brown Mica		3 33			
Red Clay		33 36		X	
Brown Sand		36 47			
Brown Mica		47 57		X	
Brown & Blue Mica		57 61			
Blue Mica		61 70			
Brown Mica		70 74		X	
Blue Mica		74 113			
Opening		113 114		X	
Black Mica		114 178			
Opening		178 179		X	
Blue Mica		179 230			
Opening		230 231		X	
Blue Mica		231 277			
DEPTH OF GROUT SEAL (TO NEAREST FOOT) FROM 0 FT. TO 61 FT. (ENTER 0 IF FROM SURFACE)					
CASING RECORD INSERT APPROPRIATE CODE BELOW <div style="display: flex; justify-content: space-around;"> <div> <input checked="" type="checkbox"/> S <input type="checkbox"/> T STEEL </div> <div> <input type="checkbox"/> C <input type="checkbox"/> O CONCRETE </div> </div> <div style="display: flex; justify-content: space-around;"> <div> <input type="checkbox"/> P <input type="checkbox"/> L PLASTIC </div> <div> <input type="checkbox"/> O <input type="checkbox"/> T OTHER </div> </div>					
MAIN CASING TYPE <div style="display: flex; justify-content: space-around;"> <div><input checked="" type="checkbox"/> S <input type="checkbox"/> T</div> <div>6</div> <div>63</div> </div> 60 61 63 64 66 70					
OTHER CASING (IF USED) DIAMETER (INCH) DEPTH (FEET) FROM TO					
SCREEN RECORD INSERT APPROPRIATE CODE BELOW <div style="display: flex; justify-content: space-around;"> <div> <input type="checkbox"/> S <input type="checkbox"/> T STEEL </div> <div> <input type="checkbox"/> B <input type="checkbox"/> R BRASS OR BRONZE </div> <div> <input type="checkbox"/> H <input type="checkbox"/> O OPEN HOLE </div> </div> <div style="display: flex; justify-content: space-around;"> <div> <input type="checkbox"/> P <input type="checkbox"/> L PLASTIC </div> <div> <input type="checkbox"/> O <input type="checkbox"/> T OTHER </div> </div>					
C 2 (SEQ. NO.) 6 DEPTH (NEAREST WHOLE FOOT) FROM 63 TO 277 1 2 3 8 9 11 15 17 21 23 24 26 30 32 36 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 A FLOWING WELL CIRCLE BOX 68 <input checked="" type="checkbox"/> F					
WRA 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 AVAILABLE					
CIRCLE APPROPRIATE BOXES <input type="checkbox"/> A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED <input type="checkbox"/> E ELECTRIC LOG OBTAINED <input type="checkbox"/> 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. DRILLERS NAME (PLEASE PRINT) Ronald L. Kyker SIGNATURE <i>Ronald L. Kyker</i>					
PUMPING TEST HOURS PUMPED (TO NEAREST HOUR) 6 8 9 PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 31 1/4 11 15 METHOD USED TO MEASURE PUMPING RATE Flowmeter WATER LEVEL: (DISTANCE FROM LAND SURFACE) BEFORE PUMPING 74 (NEAREST FOOT) 17 20 WHEN PUMPING 231 (NEAREST FOOT) 22 25 TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST) <div style="display: flex; justify-content: space-around;"> <div> <input checked="" type="checkbox"/> A AIR 27 </div> <div> <input type="checkbox"/> P PISTON 27 </div> <div> <input type="checkbox"/> T TURBINE 27 </div> </div> <div style="display: flex; justify-content: space-around;"> <div> <input type="checkbox"/> C CENTRIFUGAL 27 </div> <div> <input type="checkbox"/> R ROTARY 27 </div> <div> <input type="checkbox"/> O OTHER (DESCRIBE BELOW) 27 </div> </div> <div style="display: flex; justify-content: space-around;"> <div> <input type="checkbox"/> J JET 27 </div> <div> <input type="checkbox"/> S SUBMERSIBLE 27 </div> </div>					
PUMP INSTALLED TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) 29 DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES <input checked="" type="checkbox"/> Y NO <input type="checkbox"/> N CAPACITY: GALLONS PER MINUTE (TO NEAREST GALLON) 31 35 PUMP HORSE POWER 37 41 PUMP COLUMN LENGTH (NEAREST FOOT) 43 47					
CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT) <div style="display: flex; justify-content: space-around;"> <div> <input checked="" type="checkbox"/> + ABOVE 49 </div> <div> <input type="checkbox"/> - BELOW 50 51 </div> </div> LAND SURFACE 2 (NEAREST FOOT)					
LOCATION OF WELL ON LOT N SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL). <div style="text-align: center; font-size: 24pt; transform: rotate(-30deg);"> <i>Simpson Rd.</i> <i>X well</i> </div>					