Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION
3140 N STREET · LINCOLN, NE 68510-1514 (402) 441-8000

Permit
SEWAGE INSTALLATION
LAGOON

Permit # 99380209201

Issued 09/24/99
Expires 03/24/00
Revenue Code 3157

Establishment
BRIAN WOOLSEY
T9N R5E SEC 2
RIDGE PARK-1ST ADDN BLK 5 LOT 2
2901 SW 72 ST

FEES: $150.00

Permitee
BRIAN WOOLSEY
1258 DAKOTA ST
LINCOLN NE 68532

TOTAL: $150.00

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

010994

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

A

Permit Number: 993802092

Sewage Disposal System

Request for Site Clearance and Permit

Include Form B, Form C and Applicable Fees with this Application.

☐ Septic System ☒ Lagoon ☐ Other (Refer to Form C)

The undersigned hereby requests site clearance and permit to construct a Sewage Disposal System in conformance with appropriate resolution or ordinance, as described herein:

PLEASE PRINT OR TYPE

A. System Location (Indicate correct number and street)

Address 2901 S.W. 72ND (no rural route) City LINCOLN NE, Zip 68532

Legal Description 2 9N 5E RIDGE PARK 1st 5 2
1/4 1/4 Section Township Range Subdivision Addition Block Lot

Geographical Location (if known): Longitude _____ Latitude _____

☑ Check if system mail address is not the same as the owner's address

B. Owner

Name BRIAN WOOLSEY Signature Brian Woolsey by Bob Coats

Address 12558 DAKOTA City/State/Zip LINCOLN, NE 68502

☐ Check if owner designed system Home Phone 420-5348 Work Phone 420-2000

C. Contractor

Name B. C. HOMES, INC Company Name BOB COATS

Address 8020 BANCROFT AVE City/State/Zip LINCOLN, NE 68506

☐ Check if contractor designed system Work Phone 730-8020

D. Engineer/Installer ☐ Check and complete if engineer designed system

Designer Name BRAD SOUTHWICK ~~GEORGE DAVIS~~ Firm SOUTHWICK ENGINEERING Work Phone 432-7604

E. This System Will Serve a

☒ Residential Dwelling Number of Bedrooms 4 Is there a Whirlpool Bathtub (YES) NO

☐ Commercial Establishment/Other Facility Specify _____

Design flow in gallons per day _____ Type of Wastewater: ☒ Domestic ☐ Non-Domestic.

DO NOT WRITE BELOW THIS LINE

Approval Process ☐ Municipal Code 24.38 ☐ County Resolution No. 2832

1. **Health Department** Date rec'd 9-24-99 Date frwd 9-24-99 **ACTION** ☒ Approved ☐ Disapproved Signature _____
2. **Supt. Bldg. Insp. or Village Clerk** Date rec'd _____ Date frwd 9-24-99 **ACTION** ☒ Approved ☐ Disapproved Signature _____
3. **City or County Engineer** Date rec'd _____ Date frwd _____ **ACTION** ☐ Approved ☐ Disapproved Signature _____

12/14/99 SEWER ONLY. J.G.H.

Installation Final Written Approval ~~Approved inside~~ 12-17-99 on lagoon cell #2 ~~after 2nd lagoon cell is built~~

By Jerrold C. Hood R.E.H.S.

Date SEPTEMBER 18, 2000

Business Office Use Only
Date Rec'd 09/24/99
Amt Paid 150.00
Rec'd By _____ Cash/Check No. 6760

FORM 23-100 10-96 White - Health Dept. Yellow - Engineer Pink - Bldg. Inspector

3/3/00 ~~200 deep too steep~~ Also well

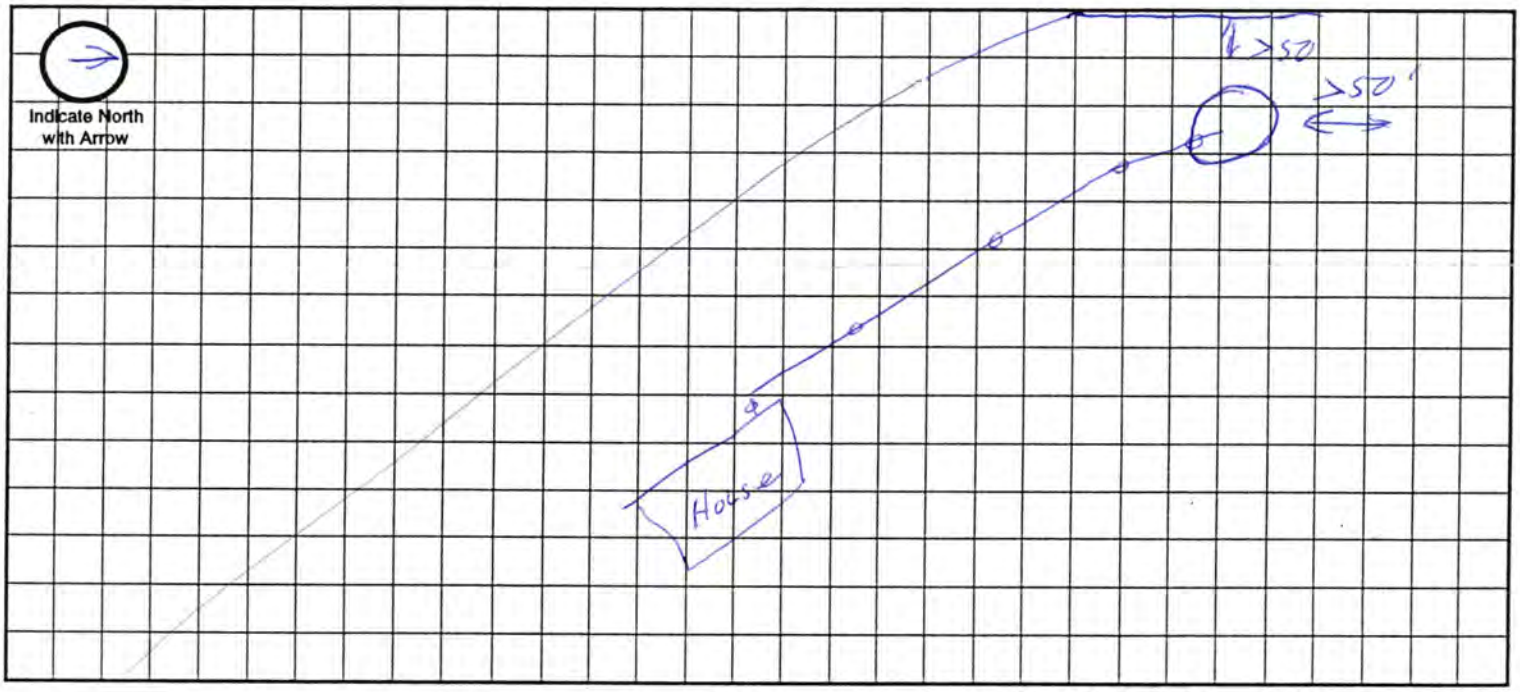
Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

C

Permit Number: 9938020 92

Sewage Disposal System
Preliminary Plan Specifications

Draw a plot plan showing system location, lines, distribution box, tank and laterals, percolation test hole locations, well, residence, compass direction and property lines. Indicate on drawing if residence and well are existing or proposed.



Approximate Scale: _____ ft. = _____ grid line/s

A. System Location (Indicate correct number and street)

Address (no rural route) _____ City _____ NE, Zip _____

B. Proposed Septic Tank/s

Tank Material: ☐ Concrete ☐ Plastic ☐ Other _____

C. Proposed Absorption System (See Form B for Percolation Information)

Percolation Rate _____ (min. per inch) Soil Type: _____ Land Slope: _____ %

Type of Absorption System: ☐ Trench ☐ Bed ☐ Other _____

Total Square Feet of Field Required: _____ sq. ft.

Type of Lateral: ☐ Half-Moon ☐ Perforated Pipe ☐ Other Lateral Material: _____

Capacity of Septic Tank _____ gals Number of Absorption Beds: _____ Number of Distribution Laterals per Bed _____

Total Length of Laterals _____ ft. Number of Trenches _____ Trench Width _____

D. Setbacks Check the Boxes Below if the Required Setback has been Satisfied

Distance From	Private Well	Public Well	Surface Water	Gound Water	Pressure Water Lines	Property Lines	Foundations Yours	Foundations Neighbors	All Other Setbacks
Tank (ft)	50 ☐	500 ☐	50 ☐	NA ☐	25 ☐	20 ☐	15 ☐	25 ☐	☐
Field (ft)	100 ☐	500 ☐	50 ☐	4 ☐	30 ☐	20 ☐	30 ☐	40 ☐	☐
Lagoon (ft)	100 ☒	500 ☒	50 ☒	N/A ☐	30 ☒	50 ☒	100 ☒	200 ☒	☒

E. Required Signatures

Home Building Contractor Bob Root Date 9-24-99

Installer Brad Southard Date 9-9-99

FORM 23-102 10-96

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street • Lincoln, NE 68510-1514
Phone: 402-441-8022

D

Permit Number:

Sewage Disposal System

As Built Plans & Specifications

BC Homes

Date 12-16-99

System Location (Indicate correct number and street)

Address 2901 SW 22nd (?) (no rural route) City Lincoln NE, Zip 68532

A. Building Sewer

1. Material: Sch 40 PVC
   Diameter: 4 in.
2. Distance above basement floor: _____ in.
   or distance below basement floor: 24 in.
3. Distance between dwelling and septic tank: 160' (Lagoon) ft.
4. Number of clean-outs: 2
5. Distances to: well or suction line > 50 ft.
   stream NA ft.
   pressure line NA ft.
   property line > 20 ft.

B. Septic Tank

1. Material: _____
   Number of compartments: _____
2. Capacity: _____ gal.
3. Factory built: ☐ Yes ☐ No
4. Manholes: Over inlet, diameter _____ in.
   Over outlet, diameter _____ in.
   Riser: ☐ above ☐ below grade _____ in.
5. Inlet: ☐ baffle ☐ tee
6. Outlet: ☐ baffle ☐ tee
7. Depth to top of tank, below unfinished grade: _____ in.
8. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

C. Distribution Box

1. Material: _____
   Number available outlets: _____
2. Factory built: ☐ Yes ☐ No
3. Distance from septic tank: _____ ft.

D. Absorption Field

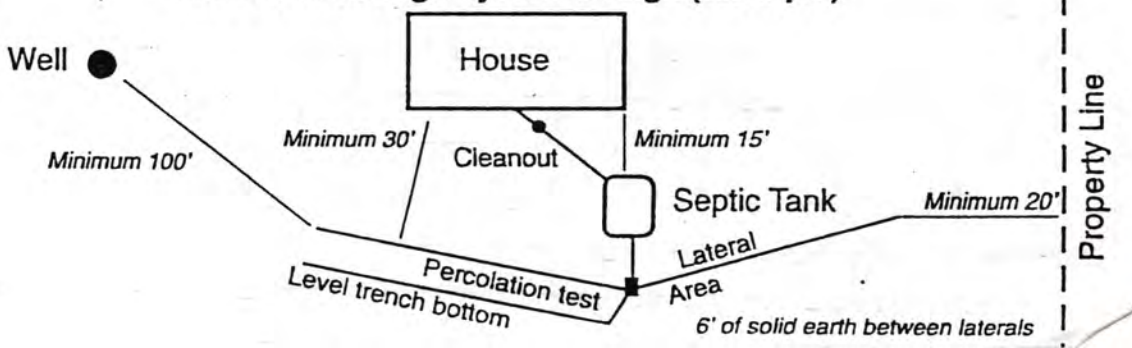
(Provide as-built drawings on back of this form)

1. Type: ☐ Half rounds ☐ Perforated pipe
   Diameter of half round: _____
   or perforated pipe: _____
   Material: ☐ fiberglass ☐ plastic ☐ concrete
   ☐ other _____
2. Lateral lines: Number _____
   Length of each line: _____ ft. _____ ft.
   _____ ft. _____ ft., _____ ft.
3. Trench dimensions: Width _____ ft.
   Slope _____ in/100 ft.
   Average depth _____ in
4. Filter material: _____
   Depth of material _____ in.
5. Distances to: Well or suction line _____ ft.
   Stream _____ ft.
   Pressure line _____ ft.
   Property line _____ ft.

Complete "As Built" drawing on back of this form.

Indicate North with Arrow

Individual Sewage System Design (Example)



Lincoln-Lancaster County Health Department

ENVIRONMENTAL HEALTH DIVISION

3140 N STREET · LINCOLN, NE 68510-1514 (402) 441-8000

Permit

WATER WELL

NEW WATER WELL CONSTRUCTION

Permit # 99400085601

Issued 09/24/99

Expires 03/24/00

Revenue Code 3162

Establishment

BRIAN WOOLSEY

T9N R5E SEC 2

RIDGE PARK-1ST ADDN BLK 5 LOT 2

2901 SW 72 ST

FEES: $75.00

Permitee

BRIAN WOOLSEY

1258 DAKOTA ST

LINCOLN NE 68532

TOTAL: $75.00

Leon F. Vinci, MPH, Health Director

• POST IN A PROMINENT PLACE • NOT TRANSFERABLE

010995

PID # 03-02-211-002-000

Lincoln-Lancaster County Health Department
Environmental Health Division
3140 "N" Street ● Lincoln, NE 68510-1514
Phone: 402-441-8022

Permit No. 99400856

✓ entered 3-20-00

Request for Site Clearance and Permit for Individual Water Well

The undersigned hereby requests:

- ☑ Site Clearance and Permit to construct a new individual water well - $75.00
- ☐ Annual Permit for an existing well - $50.00
- ☐ Permit to repair or alter existing well involving opening of well - $25.00

1. Well Site Address 2901 S.W. 7th ND (No Rural Route Please) City Lincoln, NE Zip 68532

   Legal description of property:
   Twp 9N; Range 5E; Section 8; Block 5; Lot 2; Addition Ridge Park 1st Addition

2. Well use: ☒ Residential; ☐ Commercial; ☐ Other; Describe: _____

3. Distance to Public Water Supply _____ feet.

Signature of Owner Brian Woodsey by Bob Coats Signature of Contractor Bob Coats

Print Name Brian Woodsey
Current Address 1758 Dakota
Lincoln NE 68502
Current Home Phone 420-5248
Work Phone 420-2000

Print Name Bob Coats B.C. Howes
Address 8020 Bancroft Ave
Lincoln NE 68506
Home Phone 489-5815
Work Phone 489-5815
Cellular Phone 730-8020

Sewage Permit Applied for: ☒ Yes ☐ No ☐ Not applicable

Please Submit Permit Fee with This Request

Please Do Not Write Below This Line

Approval Process: Lincoln Municipal Code 8.44

1. Health Department	Date received 9/24/99 Date forwarded 9/24/99	ACTION ☑ Approved ☐ Disapproved Signature:		
2. Building & Safety	Date received 9/24/99 Date forwarded 9/24/99	ACTION ☑ Approved ☐ Disapproved Signature:		
3. City Engineer	Date received 9/24/99 Date forwarded 9/24/99	ACTION ☒ Approved ☐ Disapproved Signature:		

REMARKS OR REASONS FOR DISAPPROVAL: _____

Site Visits:
Date: 3/14/00 By Jerrold C. Wood
Date: ___/___/___ By _____
Date: ___/___/___ By _____

Installation Final Written Approval
By: Jerrold C. Wood R.E.H.S.
Date: 3/16/00

Distribution:
White - Health Dept. Lt. Green - Engineer Lt. Blue - Bldg Inspector

Nitrate Level 0.8 mg/L
Chloride Level _____ mg/L
Bacteriological Analysis Satisfactory
Yes X No ____
Other _____

Business Office Use Only
Date Rec'd: 09/24/99
Amt Paid: $ 75.00
Rec'd By ____ ~~Cash~~/Check No. 6760

Also Sewage

entered 3-20-00

Moser Well Drilling and Service Inc.

Marvin Moser
Hickman, NE

Bill Moser
Roca, NE

Allen Moser
Hickman, NE

Chris Thornton
Hickman, NE

Hickman, Nebraska 68372
Phone: (402) 792-2515
Lincoln: 477-7291

Pumps & Well Supplies - Trenching - Drilling

Date: 12/7/99 Well #: 146-99 Driller: Bill

Owner/Builder: B. C. Homes, Bob Coats, 8020 Bancroft Ave., Lincoln, Ne 68506 Phone# 489-5815

Location: Ridge Park First Addition, Lot #2, Block 5 at 2901 S.W. 72nd which is at S.W. 72nd & W. Van Dorn

0- 40 Yellow clay
40-140 Blue clay
140-150 Medium sandstone
150-180 Red and white shale
180-205 Blue shale
205-222 Fine sandstone, little shale
222-230 Blue shale

Depth: 222' Elevation:

Casing Information

Type: pvc Thickness: 200#
Length: 212' Diameter: 4"
Bore Size: 8.5" SWL: 78' M
PWL: GPM: 80 w/air

Filler Pack: 140-205'
Grout: 6 - 140

Screen

Length: 10' Diameter: 4"
Type: pvc wop Slot: .020
Area of:
Screen(s): 212-222'
Pack: 205-223'
Type of Pack: "B"

Chemical Analysis

Total Chlorides:
Hardness:
Nitrates:
Bacteria:
Iron:

Lancaster/Denton

T.N 9 R.E. 5 SEC. 2

COPY

8. Well Construction Information.

A. Total well depth: 222' feet. B. Static water level: 78' M feet.

C. Pumping water level: 85' feet ☒ Estimated ☐ Measured (at what gallons per minute rate _____)

D. Well Construction began: (month) 12 (day) 5 (year) 99 E. Well Construction completed (month) 12 (day) 7 (year) 99

F. Bore hole diameter: 8.5" inches.

G. Plain Casing: Diameter 4.046" ID 4.5" OD inches.; Type of material: PVC

Wall thickness: .214" inch(es). Joints--Welded/Glued/Threaded/Other: GLUED

Length(s) and placement(s) depth from 6' ft. to 212' ft. from _____ ft. to _____ ft

H. Screen: 4.026" ID 4.843" OD in.; Type of material PVC

Screen apenings (slot size): .020 Trade name: IAYCO Guides at _____ ft

Length(s) and placement(s) depth from 212' ft. to 222' ft. from _____ ft. to _____ ft

I. Gravel pack interval(s) from 140' ft. to 205' ft. from 205' ft. to 223' ft. Grade size: "B"

J. Grouted/Sealed from 6' ft. to 140' ft., with HOLEPLUG (type)

from _____ ft. to _____ ft., with _____ (type)

K. Drilling method: ROTO L. Drilling fluid WATER

M. Well development technique (total time and method): AIR/AIR TESTED AT 80 GPM

N. Will chemicals, fertilizer or antifreeze be injected or utilized in the system? ____ Yes XX No

If yes, what will be used _____

9. Geologic Materials Logged

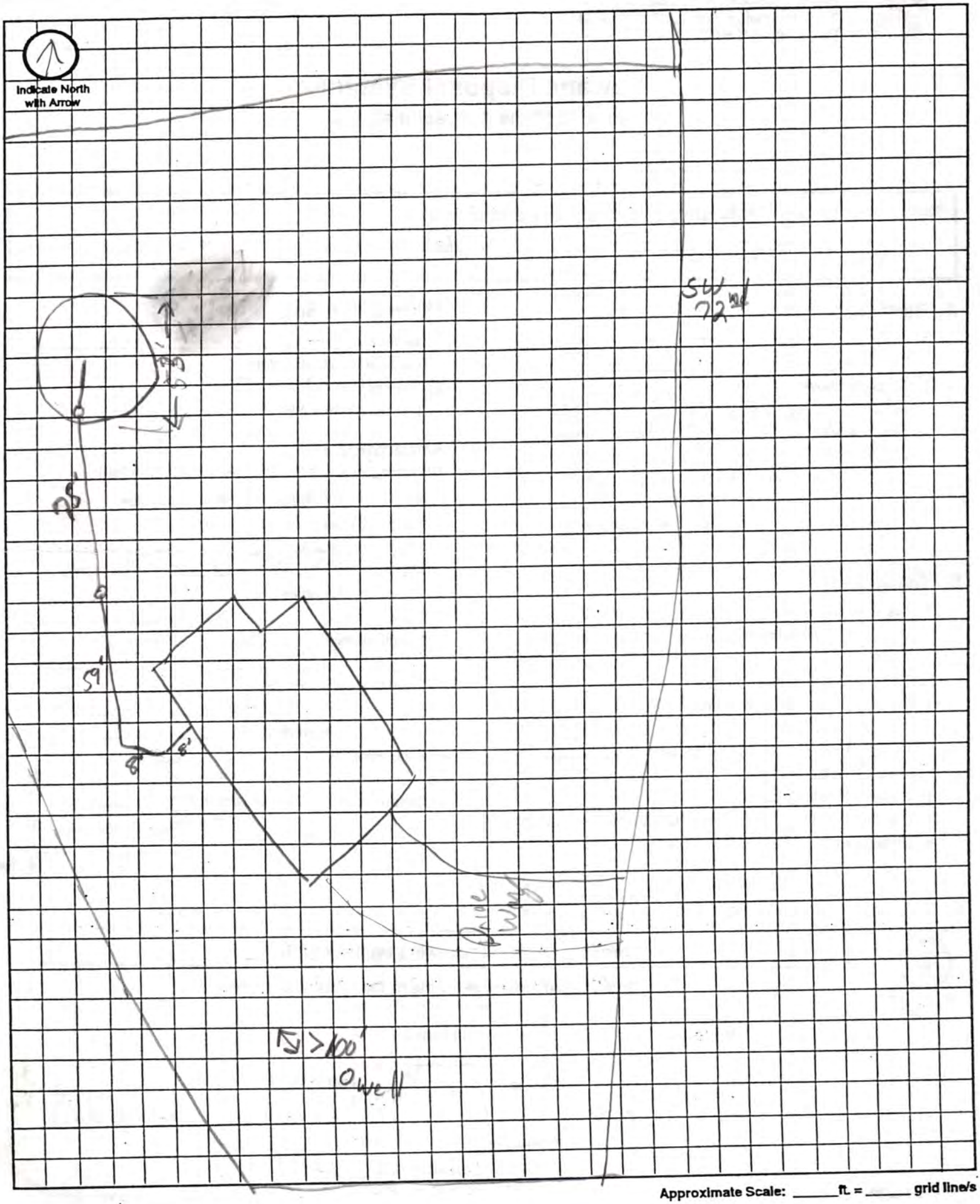
DEPTH IN FEET FROM	TO	DESCRIPTION	DEPTH IN FEET FROM	TO	DESCRIPTION
0	40	YEL CLAY			
40	140	BLUE CLAY			
140	150	MED SS			
150	180	RED & WHITE SHALE			
180	205	BLUE SHALE			
205	222	FINE SS, LITTLE SHALE			
222	230	BLUE SHALE			

(Additional sheets may be submitted)

10. I am familiar with the information submitted on this registration, and to the best of my knowledge it is true.

Water Well Contractor's Signature — 1/11/00 Date — Water Well Owner's Signature — Date

As Built Drawing



Approximate Scale: _____ ft. = _____ grid line/s