TYPE OR USE PEN
SELF TRANSCRIBING
PRESS HARD

WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources
Divison of Soil and Water Resources, 2045 Morse Road Building B
Columbus, Ohio 43229-6693 Voice (614) 265-6740 Fax (614) 265-6767

1019230

WELL LOCATION

County Columbiana Township Unity

Owner/Builder (Circle One or Both) Village of New Waterford
First Last

Address of Well Location 47242 S.R. 46
Number Street Name

City New Waterford Zip Code +4 44445

Permit No. EPA Section/Lot No. (Circle One or Both) 29

Location of Well in State Plane coordinates, if available: Use of Well municipal

N ☐ X ~~433061.56 N~~ . ____ +/- ____ ft. or m

S ☐ Y ~~2491955.20 E~~ . ____ +/- ____ ft. or m

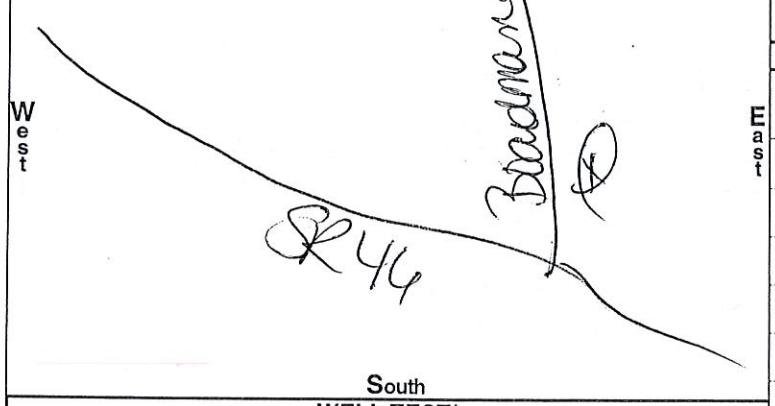
Elevation of Well 1022 . ____ +/- ____ ft. or m

Datum Plain: ☐ NAD27 ☐ NAD83 Elevation Source ____

Source of Coordinates: ☒ GPS ☐ Survey ☐ Other ____

Sketch a map showing distance well lies from numbered state highways, street intersections, county roads, buildings or other notable landmarks. If latitude and longitude are available please include here: Lat: ____ Long: ____

North 40.839701, 80.610542



WELL TEST*

Pre-Pumping Static Level 21' ft. Date 12/20/18

Measured from: ☐ Top of Casing ☒ Ground Level ☐ Other ____

☐ Air ☐ Bailing ☒ Pumping* ☐ Other ____

Test Rate 305 gpm Duration of Test 24 hrs.

Feet of Drawdown ____ ft. Sustainable Yield ____ gpm

*(Attach a copy of the pumping test record, per section 1521.05, ORC)

Is Copy Attached? ☐ Yes ☐ No Flowing Well? ☐ Yes ☒ No

Quality clear

PUMP/PITLESS

Type of pump submersible/150H Capacity 150 gpm

Pump set at 50 ft. Pitless Type Spool pitless unit

Pump installed by McKay & Gould Drilling Inc.

I hereby certify the information given is accurate and correct to the best of my knowledge.

Drilling Firm McKay & Gould Drilling Inc.

Address 267 Taggart Rd.

City, State, Zip Darlington, PA 16115

Signed Lynn Gould Date 4/1/19

ODH Registration Number 0145

CONSTRUCTION DETAILS

☒ Rotary ☐ Cable ☐ Augered ☐ Driven ☐ Other ____

BOREHOLE/CASING (measured from ground surface)

1☒ Borehole Diameter 12 3/4 inches Depth 28 ft.

Casing Diameter 8 in. Length 30 ft. Thickness .280 in.

2☒ Borehole Diameter 8 inches Depth 70 ft.

Casing Diameter ____ in. Length ____ ft. Thickness ____ in.

Casing Height Above Ground 2' ft.

Type 1 ☐ 2 ☐ Steel 1 ☐ 2 ☐ Galv. 1 ☒ 2 ☐ PVC 1 ☐ 2 ☐ Other ____

Joints 1 ☐ 2 ☐ Threaded 1 ☐ 2 ☐ Welded 1 ☒ 2 ☐ Solvent 1 ☐ 2 ☐ Other ____

SCREEN

Diameter ____ Slot Size ____ Screen Length ____ ft.

Type ____ Material ____

Set Between ____ ft. and ____ ft.

GRAVEL PACK (Filter Pack)

Material/Size ____ Volume/Weight Used ____

Method of Installation ____

Depth: Placed FROM ____ ft. TO ____ ft.

GROUT

Material bentonite Volume/Weight Used 1500#

Method of Installation dry pour

Depth: Placed FROM 28 ft. TO 0 ft.

DRILLING LOG*

INDICATE DEPTH(S) AT WHICH WATER IS ENCOUNTERED. Show color, texture, hardness, and formation: sandstone, shale, limestone, gravel, clay, sand, etc.	From	To
Topsoil	0	1
Br. sand & gravel	1	7
Br. sandstone	7	14
Br. shale	14	18
Br. sandstone	18	21
Gr. sandstone	21	55
Dr. gr. shale	55	70

*(If more space is needed to complete drilling log, use next consecutively numbered form.)

Date of Well Completion 4/1/19 Total Depth of Well 70 ft.

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.

ORIGINAL COPY TO - ODNR, DIVISION OF SOIL AND WATER RESOURCES, 2045 MORSE ROAD BLD. B, COLS., OHIO 43229-6693

Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy