DNR 7802.05e

WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources
Division of Water, 2045 Morse Road, Columbus, Ohio 43229-6605
Voice (614) 265-6740 Fax (614) 265-6767

Well Log Number 2086568

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WELL LOCATION

County COLUMBIANA Township MIDDLETON

BILLY PANCAKE
Owner/Builder

49707 PANCAKE-CLARKSON RD
Address of Well Location

City NEGLEY Zip Code +4 44441

Permit No. 9654 Section; 27 *and or* Lot No.

Use of Well DOMESTIC

Coordinates of Well (Use only one of the below coordinate systems)

State Plane Coordinates

N ☐ X _____ +/- _____ ft.

S ☐ Y _____ +/- _____ ft.

Latitude, Longitude Coordinates

Latitude: 40.75364 Longitude: -80.56235

Elevation of Well in feet: 1337 +/- _____ ft.

Datum Plane: ☐ NAD27 ☒ NAD83 Elevation Source GLOBAL

Source of Coordinates: GLOBAL POSITIONING SYSTEM

Well location written description:

Comments on water quality/quantity and well construction:

WELL TEST *

Pre-Pumping Static Level 175 ft. Date 4/15/2021

Measured from GROUND LEVEL

Pumping test method BAILING

Test Rate 8 gpm Duration of Test 1.5 hrs.

Feet of Drawdown 90 ft. Sustainable Yield 8 gpm

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

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

PUMP/PITLESS

Type of pump SUBMERSIBLE Capacity 8 gpm

Pump set at 260 ft. Pitless Type MAASS

Pump installed by BELL WELL DRILLING

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

Drilling Firm BELL WELL DRILLING INC.

Address 44917 METZ RD

City, State, Zip COLUMBIANA OH 44408

Signed THOMAS L. BELL Date 6/11/2021
(Filed Electronically)

ODH Registration Number 0623

CONSTRUCTION DETAILS

Drilling Method: CABLE TOOL

BOREHOLE/CASING (Measured from ground surface)

1 Borehole Diameter 10.63 inches Depth 34 ft.
Casing Diameter 6.63 in. Length 35 ft. Thickness 0.188 in.

2 Borehole Diameter 6 inches Depth 285 ft.
Casing Diameter 4 in. Length 280 ft. Thickness 0.25 in.

Casing Height Above Ground _____ ft.

Type 1: Steel
Type 2: PVC

Joints 1: Welded
Joints 2: Threaded

SCREEN

Diameter _____ in. Slot Size _____ in. Screen Length _____ ft.

Type _____ Material _____

Set Between _____ ft. and _____ ft.

GRAVEL PACK (Filter Pack)

Material/Size _____ Vol/Wt. Used _____

Method of Installation _____

Depth: Placed From: _____ ft. To: _____ ft.

GROUT

Material Bentonite Vol/Wt. Used 860 LBS

Method of Installation Poured (gravity)

Depth: Placed From: 0 ft. To: 34 ft.

DRILLING LOG*

FORMATIONS INCLUDE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.

Color	Texture	Formation	From	To
BROWN		CLAY	0	3
BROWN		SANDSTONE	3	28
GRAY		SHALE	28	74
		LIMESTONE	74	78
GRAY		SHALE	78	85
GRAY		SANDSTONE	85	104
GRAY		SHALE AND CLAY	104	109
GRAY		SHALE	109	112
RED		CLAY	112	118
GRAY		SANDSTONE	118	133
GRAY		SHALE	133	208
GRAY		SANDSTONE	208	211
GRAY		SHALE	211	258
GRAY		SANDSTONE	258	281
GRAY		SHALE	281	285

Aquifer Type (Formation producing the most water.) SANDSTONE

Date of Well Completion 4/15/2021 Total Depth of Well 285 ft.

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.
Distribute copies of this record to Customer, and Local Health Deptartment.