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 2075942

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WELL LOCATION

County BELMONT Township WARREN

JAMES FORSHEY
Owner/Builder

59310 WILCOX RD
Address of Well Location

City BARNESVILLE Zip Code +4 43713

Permit No. 6 Section; 7 *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: 39.953056 Longitude: -81.156944

Elevation of Well in feet: 1257 +/- 15 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 34 ft. Date 7/28/2019

Measured from GROUND LEVEL

Pumping test method BAILING

Test Rate 4 gpm Duration of Test 4 hrs.

Feet of Drawdown 79 ft. Sustainable Yield 4 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 10 gpm

Pump set at 108 ft. Pitless Type ADAPTER

Pump installed by TOM COOK

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

Drilling Firm COOK DRILLING

Address 59295 PIGEON PT. RD

City, State, Zip BARNESVILLE OH 43713

Signed THOMAS A. COOK Date 10/6/2019
(Filed Electronically)

ODH Registration Number 2048

CONSTRUCTION DETAILS

Drilling Method: AIR ROTARY

BOREHOLE/CASING (Measured from ground surface)

1 Borehole Diameter 11.25 inches Depth 26 ft.
Casing Diameter 6 in. Length 26 ft. Thickness 0.316 in.

2 Borehole Diameter 10 inches Depth 113 ft.
Casing Diameter 6 in. Length 87 ft. Thickness 0.316 in.

Casing Height Above Ground 1.5 ft.

Type 1: PVC
Type 2: PVC

Joints 1: Solvent
Joints 2: Solvent

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 Neat cement Vol/Wt. Used 1435 lbs

Method of Installation Poured (gravity)

Depth: Placed From: 26 ft. To: 0 ft.

DRILLING LOG*

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

Color	Texture	Formation	From	To
BLACK	DAMP	SOIL	0	1
BROWN	DAMP	SOIL	1	2
BROWN	GRITTY	SANDSTONE	2	19
GRAY	GRITTY	SANDSTONE	19	23
GRAY	MEDIUM	SHALE	23	30
DARK GRAY	SOFT	SHALE	30	34
GRAY	MEDIUM	SHALE	34	61
GRAY	HARD	SHALE	61	74
GRAY	MEDIUM	SHALE	74	85
BLACK	SOFT	SHALE	85	86
GRAY	MEDIUM	SHALE	86	107
GRAY	HARD	SHALE	107	113
		Water Encountered At	34	34
			61	61

Aquifer Type (Formation producing the most water.) SHALE

Date of Well Completion 7/28/2019 Total Depth of Well 113 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.