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: 2060818

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WELL LOCATION

County: ASHLAND Township: MONTGOMERY

Owner/Builder: MARK RAFELD

Address of Well Location: 1560 CR 1575

City: ASHLAND Zip Code +4: 44805

Permit No.: 2016027 Section: 25 *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: 40.83592 Longitude: -82.23437

Elevation of Well in feet: 980 +/- 10 ft.

Datum Plane: ☐ NAD27 ☒ NAD83 Elevation Source: DIGITAL MAP

Source of Coordinates: DIGITAL MAP

Well location written description:

Comments on water quality/quantity and well construction:

WELL TEST *

Pre-Pumping Static Level: 16 ft. Date: 10/1/2016

Measured from: GROUND LEVEL

Pumping test method: AIR

Test Rate: 20 gpm Duration of Test: 7 hrs.

Feet of Drawdown: 10 ft. Sustainable Yield: 20 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: 50 ft. Pitless Type: SLIDE IN ADAPTER

Pump installed by: DRILLER

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

Drilling Firm: HARDMAN DRILLING

Address: 639 CR 1302

City, State, Zip: ASHLAND OH 44805

Signed: JEFF HARDMAN (Filed Electronically) Date: 1/12/2017

ODH Registration Number: 0117

CONSTRUCTION DETAILS

Drilling Method: MUD ROTARY

BOREHOLE/CASING (Measured from ground surface)

1 Borehole Diameter: 8.5 inches Depth: 70 ft.
Casing Diameter: 5 in. Length: 64 ft. Thickness: 0.265 in.

2 Borehole Diameter: _____ inches Depth: _____ ft.
Casing Diameter: _____ in. Length: _____ ft. Thickness: _____ in.

Casing Height Above Ground: 1.5 ft.

Type: 1: PVC 2:

Joints: 1: Solvent 2:

SCREEN

Diameter: 5 in. Slot Size: 0.05 in. Screen Length: 6 ft.

Type: MACHINE SLOTTED Material: PVC

Set Between: 64 ft. and 70 ft.

GRAVEL PACK (Filter Pack)

Material/Size: Quartz #4 Vol/Wt. Used: 150 pounds

Method of Installation: Poured (gravity)

Depth: Placed From: 62 ft. To: 70 ft.

GROUT

Material: Bentonite/polymer slurry Vol/Wt. Used: 120 Gallons / 300 pounds

Method of Installation: Pumped w/Tremie pipe

Depth: Placed From: 0 ft. To: 62 ft.

DRILLING LOG*

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

Color	Texture	Formation	From	To
BROWN		CLAY	0	8
BROWN		GRAVEL	8	19
GRAY	MEDIUM	CLAY & GRAVEL	19	38
GRAY		CLAY	38	52
	MEDIUM	GRAVEL	52	70
		Water Encountered At	64	70

Aquifer Type (Formation producing the most water.): GRAVEL

Date of Well Completion: 1/11/2017 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.
Distribute copies of this record to Customer, and Local Health Deptartment.