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: 2045476

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WELL LOCATION

County: SCIOTO Township: GREEN

Owner/Builder: SCIOTO WATER, INC.

Address of Well Location: NORTHWOOD AVE

City: FRANKLIN FURNACE Zip Code +4: 45629

Permit No. _____ Section; _____ *and or* Lot No. _____

Use of Well: MUNICIPAL

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

State Plane Coordinates

N ☐ X _____ +/- _____ ft.

S ☐ Y _____ +/- _____ ft.

Latitude, Longitude Coordinates

Latitude: 38.624861 Longitude: -82.853111

Elevation of Well in feet: 532.32 +/- _____ ft.

Datum Plane: ☐ NAD27 ☒ NAD83 Elevation Source: GPS

Source of Coordinates: GPS

Well location written description:

WELL #1 - WELLFIELD OF FOUR WELLS LOCATED ON NORTH SIDE OF NORTHWOOD AVE. APPROXIMATELY 2500 FT. WEST OF US RT. 52.

Comments on water quality/quantity and well construction:

TOP OF CASING APPROXIMATELY 1.5 FT. ABOVE GRADE.

WELL TEST *

Pre-Pumping Static Level: 15.6 ft. Date: 10/21/2013

Measured from: TOP OF CASING

Pumping test method: PUMPING

Test Rate: 312 gpm Duration of Test: 24 hrs.

Feet of Drawdown: 28.4 ft. Sustainable Yield: 200 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 _____ Capacity _____ gpm

Pump set at _____ ft. Pitless Type _____

Pump installed by _____

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

Drilling Firm: LAYNE CHRISTENSEN COMPANY, INC.

Address: 6451 GERMANTOWN RD

City, State, Zip: MIDDLETOWN OH 45042

Signed: RONALD E ALEXANDER Date: 11/13/2013

(Filed Electronically)

ODH Registration Number: 002289

CONSTRUCTION DETAILS

Drilling Method: BUCKET AUGER

BOREHOLE/CASING (Measured from ground surface)

1 Borehole Diameter: 30 inches Depth: 56 ft.
Casing Diameter: 16 in. Length: 46 ft. Thickness: 0.375 in.

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

Casing Height Above Ground: 1.5 ft.

Type: 1: Steel 2: _____

Joints: 1: Welded 2: _____

SCREEN

Diameter: 16 in. Slot Size: 0.07 in. Screen Length: 10 ft.

Type: CONTINOUS WIRE WOUND Material: STAINLESS STEEL

Set Between: 46 ft. and 56 ft.

GRAVEL PACK (Filter Pack)

Material/Size: CEI #4 Vol/Wt. Used: 7.5 tons

Method of Installation: Tremie

Depth: Placed From: 25 ft. To: 56 ft.

GROUT

Material: Neat cement w/additives Vol/Wt. Used: 2.6 yds

Method of Installation: Poured (gravity)

Depth: Placed From: 0 ft. To: 25 ft.

DRILLING LOG*

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

Color	Texture	Formation	From	To
		SOIL	0	3
	DRY	CLAY	3	15
	MOIST	CLAY AND SILT	15	35
	FINE TO COARSE	SAND AND GRAVEL	35	40
GRAY	FINE TO COARSE	SAND AND GRAVEL	40	45
	FINE TO COARSE	SAND AND SILT	45	50
	FINE TO COARSE	GRAVEL	50	56
		Water Encountered At	15.6	56

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

Date of Well Completion: 10/22/2013 Total Depth of Well: 56 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.