DNR 7802.15e

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: 2085878

Page 1 of 1 for this record.

WELL LOCATION

County: WILLIAMS Township: MADISON

Owner/Builder: AOP

Address of Well Location: N CR 15

City: PIONEER Zip Code +4:

Permit No.: Section: 22 *and or* Lot No.:

Use of Well: AGRIC/IRRIG

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

State Plane Coordinates

N ☐ X: +/- ft.

S ☐ Y: +/- ft.

Latitude, Longitude Coordinates

Latitude: 41.673229 Longitude: -84.534695

Elevation of Well in feet: +/- ft.

Datum Plane: ☐ NAD27 ☒ NAD83 Elevation Source: MAP-OTHERS

Source of Coordinates: MAP-OTHERS

Well location written description:
1200 FT. SOUTH OF CO ROAD R AND 150 ' WEST OF CO ROAD 15

Comments on water quality/quantity and well construction:
ON 4/26/21, A 7 DAY PUMPING TEST WAS CONDUCTED AT A RATE OF 1250 GPM. STATIC WATER LEVEL WAS 5.9 FT, MAX DRAWDOWN WAS 61.68 FT.

WELL TEST *

Pre-Pumping Static Level: 4 ft. Date: 4/23/2021

Measured from: GROUND LEVEL

Pumping test method: AIR

Test Rate: 900 gpm Duration of Test: 3 hrs.

Feet of Drawdown: 0 ft. Sustainable Yield: 900 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: ORTMAN DRILLING INC

Address: 241 N 300 WEST

City, State, Zip: KOKOMO IN 46901

Signed: RICHARD K. ORTMAN II Date: 4/23/2021
(Filed Electronically)

ODH Registration Number: 001624 Last Revised: 1/25/2022

CONSTRUCTION DETAILS

Drilling Method: MUD/AIR ROTARY

BOREHOLE/CASING (Measured from ground surface)

1 Borehole Diameter: 44.45 inches Depth: 135 ft.
Casing Diameter: 12 in. Length: 105 ft. Thickness: 0.375 in.

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

Casing Height Above Ground: 2 ft.

Type: 1: Steel 2:

Joints: 1: Welded 2:

SCREEN

Diameter: 12 in. Slot Size: 0.04 in. Screen Length: 30 ft.

Type: CONTINOUS WIRE WOUND Material: STAINLESS STEEL

Set Between: 105 ft. and: 135 ft.

GRAVEL PACK (Filter Pack)

Material/Size: .040 Vol/Wt. Used: 11000 lbs.

Method of Installation: POURED (GRAVITY)

Depth: Placed FROM: 85 ft. TO: 135 ft.

GROUT

Material: BENTONITE Vol/Wt. Used: 9.5

Method of Installation: PUMPED W/TREMIE PIPE

Depth: Placed FROM: 0 ft. TO: 85 ft.

DRILLING LOG*

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

Color	Texture	Formation	From	To
BROWN		CLAY	0	12
GRAY	FINE TO COARSE	CLAY	12	32
		SAND & GRAVEL	32	49
	FINE	SAND & GRAVEL	49	51
GRAY		CLAY	51	81
	FINE TO COARSE	SAND	81	89
	GRAVELLY	CLAY & BOULDERS	89	97
	FINE TO COARSE	GRAVEL & BOULDERS	97	124
	FINE TO COARSE	SAND & GRAVEL	124	135
		WATER AT	105	135

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

Date of Well Completion: 4/23/2021 Total Depth of Well: 135 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.