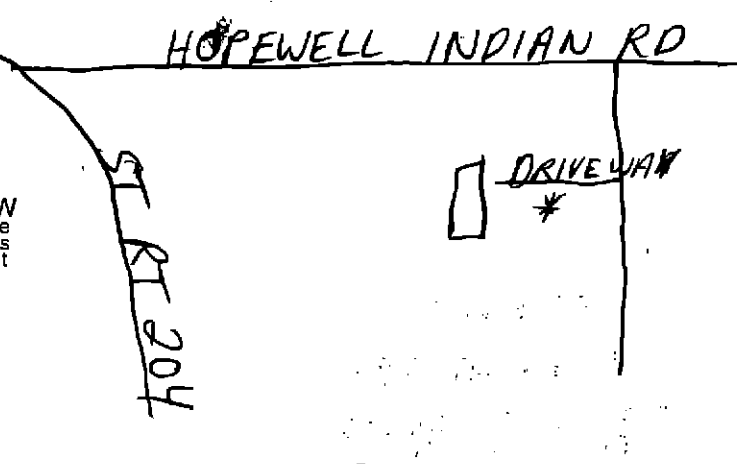


WELL LOG AND DRILLING REPORTTYPE OR USE PEN
SELF TRANSCRIBING
PRESS HARDOhio Department of Natural Resources
Division of Water, 1939 Fountain Square Drive
Columbus, Ohio 43224-9971 Voice (614) 265-6739 Fax (614) 447-9503

883104

WELL LOCATION	CONSTRUCTION DETAILS
County <u>PERRY</u> Township <u>HOPEWELL</u>	☐ Rotary ☒ Cable ☐ Augered ☐ Driven ☐ Other _____
Owner/Builder <u>CHARLES MILLER JR</u> (Circle One or Both) First Last	BOREHOLE/CASING (measured from ground surface)
Address of Well Location <u>4485 HOPEWELL INDIAN RD</u> Number Street Name	1 ☒ Borehole Diameter <u>5</u> inches Depth <u>460</u> ft. Casing Diameter <u>5</u> in. Length <u>173</u> ft. Thickness <u>.275</u> in.
City <u>GLENFORD, OH</u> Zip Code +4 <u>43739</u>	2 ☐ Borehole Diameter _____ inches Depth _____ ft. Casing Diameter _____ in. Length _____ ft. Thickness _____ in.
Permit No. <u>095</u> Section/Lot No. _____ (Circle One or Both)	Casing Height Above Ground <u>1 1/2</u> ft.
Location of Well in State Plane coordinates, if available: _____ Use of Well _____	Type 1 ☒ Steel 1 ☐ Galv. 1 ☐ PVC 1 ☐ _____ 2 ☐ Steel 2 ☐ Galv. 2 ☐ PVC 2 ☐ Other _____
N ☐ X _____ ft. or m S ☐ Y _____ ft. or m	Joints 1 ☐ Threaded 1 ☒ Welded 1 ☐ Solvent 1 ☐ _____ 2 ☐ Threaded 2 ☐ Welded 2 ☐ Solvent 2 ☐ Other _____
Elevation of Well _____ ft. or m	SCREEN
Datum Plain: ☐ NAD27 ☐ NAD83 Elevation Source _____	Diameter _____ Slot Size _____ Screen Length _____ ft.
Source of Coordinates: ☐ GPS ☐ Survey ☐ Other _____	Type _____ Material _____
Sketch a map showing distance well lies from numbered state highways, street intersections, county roads, buildings or other notable landmarks. If latitude and longitude are available please include here: Lat: _____ Long: _____ North	Set Between _____ ft. and _____ ft.
	GRAVEL PACK (Filler Pack)
	Material/Size _____ Volume/Weight Used _____
	Method of Installation _____
	Depth: Placed FROM _____ ft. TO _____ ft.
	GROUT
	Material _____ Volume/Weight Used _____
	Method of Installation _____
	Depth: Placed FROM _____ ft. TO _____ ft.
WELL TEST*	DRILLING LOG*
Pre-Pumping Static Level <u>16</u> ft. Date <u>12-27-98</u>	INDICATE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.
Measured from: ☒ Top of Casing ☐ Ground Level ☐ Other _____	Show color, texture, hardness, and formation: sandstone, shale, limestone, gravel, clay, sand, etc.
☐ Air ☒ Bailing ☐ Pumping* ☐ Other _____	
Test Rate <u>12-15</u> gpm Duration of Test <u>4</u> hrs.	<u>TOP SOIL</u> <u>0</u> <u>3</u>
Feet of Drawdown <u>245</u> ft. Sustainable Yield <u>12-15</u> gpm	<u>GRAY SANDY CLAY</u> <u>3</u> <u>172</u>
*(Attach a copy of the pumping test record, per section 1521.05, ORC)	<u>GRAY SANDSTONE</u> <u>172</u> <u>233</u>
Is Copy Attached? ☐ Yes ☒ No Flowing Well? ☐ Yes ☒ No	<u>GRAY SHALE</u> <u>233</u> <u>460</u>
Quality <u>CLEAR, SALTY, NO ODOR</u>	<u>WATER ENCOUNTERED</u> <u>240</u> <u>460</u>
PUMP/PITLESS	
Type of pump <u>SUBMERSIBLE</u> Capacity <u>12</u> gpm	
Pump set at <u>260</u> ft. Pitless Type <u>MERRIL</u>	
Pump installed by <u>GERALD HELSER & SONS</u>	
I hereby certify the information given is accurate and correct to the best of my knowledge:	
Drilling Firm <u>GERALD HELSER & SONS</u>	
Address <u>7312 TWP RD 87 NW</u>	
City, State, Zip <u>THORNVILLE, OH 43076</u>	
Signed <u>James F. Helser</u> Date <u>12-28-98</u>	
ODH Registration Number <u>1679</u>	
	*(If more space is needed to complete drilling log, use next consecutively numbered form.)
	Date of Well Completion <u>12-28-98</u> Total Depth of Well <u>460</u> ft.