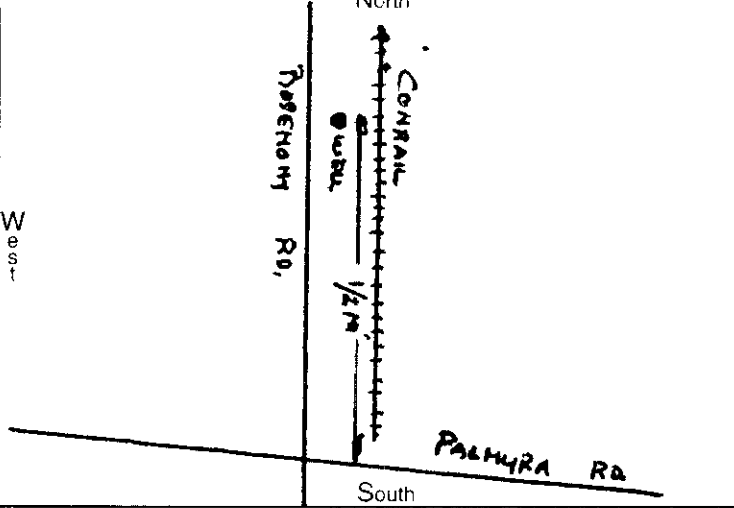


TYPE OR USE PEN
SELF TRANSCRIBING
PRESS HARD

WELL LOG AND DRILLING REPORT

Ohio Department of Natural Resources
Division of Water, 1939 Fountain Square Drive
Columbus, Ohio 43224-9971 Voice (614) 265-6739 Fax (614) 447-9503

929847

WELL LOCATION	CONSTRUCTION DETAILS
County <u>MAHONING</u> Township <u>JACKSON</u>	☒ Rotary ☐ Cable ☐ Augered ☐ Driven ☐ Other
Owner/Builder <u>HOWARD & JAN HUBBARD</u> (Circle One or Both) First Last	BOREHOLE/CASING (measured from ground surface)
Address of Well Location <u>3700 ROSEMONT RD.</u> Number Street Name	1 ☐ Borehole Diameter <u>6"</u> inches Depth <u>122</u> ft. Casing Diameter <u>6-5/8"</u> in. Length <u>25</u> ft. Thickness <u>.188</u> in.
City <u>NORTH JACKSON</u> Zip Code +4 <u>44451</u>	2 ☐ Borehole Diameter _____ inches Depth _____ ft. Casing Diameter _____ in. Length _____ ft. Thickness _____ in.
Permit No. <u>5173</u> Section/Lot No. _____ (Circle One or Both)	Casing Height Above Ground <u>15"</u> ft.
Location of Well in State Plane coordinates, if available: Use of Well <u>DOMESTIC</u>	Type 1 ☒ Steel 1 ☐ Galv. 1 ☐ PVC 1 ☐ Other
N ☐ X ☒ +/- _____ ft. or m	2 ☐ Steel 2 ☐ Galv. 2 ☐ PVC 2 ☐ Other
S ☐ Y ☒ +/- _____ ft. or m	Joints 1 ☐ Threaded 1 ☒ Welded 1 ☐ Solvent 1 ☐ Other
Elevation of Well +/- _____ ft. or m	2 ☐ Threaded 2 ☐ Welded 2 ☐ Solvent 2 ☐ Other
Datum Plain: ☐ NAD27 ☐ NAD83 Elevation Source	SCREEN
Source of Coordinates: ☐ GPS ☐ Survey ☐ Other	Diameter _____ Slot Size _____ Screen Length _____ ft.
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: _____ 	Diameter _____ Type _____ Set Between _____ ft. and _____ ft.
	GRAVEL PACK (Filter Pack)
	Material/Size _____ Volume/Weight Used _____
	Method of Installation _____
	Depth: Placed FROM _____ ft. TO _____ ft.
GROUT	
Material <u>BENTONITE</u> Volume/Weight Used <u>100 LBS.</u>	
Method of Installation <u>DRY POUR</u>	
Depth: Placed FROM <u>25</u> ft. TO <u>GROUND LEVEL</u> ft.	
WELL TEST*	DRILLING LOG*
Pre-Pumping Static Level <u>22-7"</u> ft. Date <u>OCT. 23, 02</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	From To
Test Rate <u>30+</u> gpm Duration of Test <u>1</u> hrs.	<u>YELLOW LOAM.</u> 0 12'
Feet of Drawdown <u>COMP.</u> ft. Sustainable Yield <u>30</u> gpm	<u>DARK GREY SHALE.</u> 12 23'
*(Attach a copy of the pumping test record, per section 1521.05, ORC)	<u>GREY SHALE.</u> 23 45'
Is Copy Attached? ☐ Yes ☒ No Flowing Well? ☐ Yes ☒ No	<u>FINE GREY SANDROCK.</u> 45 55'
Quality <u>CLEAR- HARDNESS 32 @.PG. IRON 3.6 P.P.M.</u>	<u>COURSE LIGHT GREY SANDROCK.</u> 55 62'
PUMP/PITLESS	<u>BROWN LIMESTONE.</u> 62' 62 1/2'
Type of pump <u>SUBMERSIBLE</u> Capacity _____ gpm	<u>COURSE LIGHT GREY SANDROCK.</u> 62 1/2 123'
Pump set at <u>105</u> ft. Pitless Type <u>CLEAR-WAY</u>	<u>JUST TOUCHED COAL.....</u> --- --
Pump installed by <u>LEYDEN MGMT.</u>	<u>MADE WATER FROM 50' TO 123'</u>
I hereby certify the information given is accurate and correct to the best of my knowledge.	
Drilling Firm <u>LEYDEN MGMT.</u>	
Address <u>P.O. BOX 18</u>	
City, State, Zip <u>NORTH LIMA, OHIO 44452</u>	
Signed <u>Howard Hubbard</u> Date <u>12-5-02</u>	
ODH Registration Number <u>1440</u>	
	(If more space is needed to complete drilling log, use next consecutively numbered form.)
	Date of Well Completion <u>OCT. 23, 02</u> Total Depth of Well <u>123</u> ft.