

WELL LOG AND DRILLING REPORT

887166

TYPE OR USE PEN
SELF TRANSCRIBING
PRESS HARD

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

WELL LOCATION**CONSTRUCTION DETAILS**

County Monroe Township Switzerland

Owner/Builder Ray Shaver

Address of Well Location 49745 Switzerland Twp. Rd. 198

City Clarington Zip Code +4 43915

Permit No. 13 Section/Lot No. _____

Location of Well in State Plane coordinates, if available: Use of Well Agriculture

N ☐ X _____ +/- _____ ft. or m

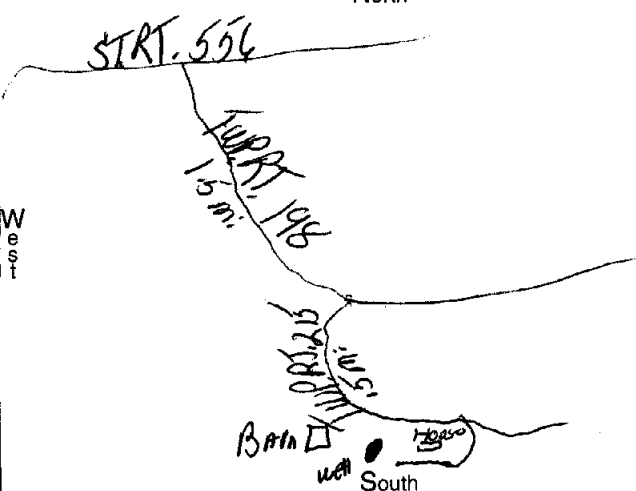
S ☐ Y _____ +/- _____ ft. or m

Elevation of Well _____ +/- _____ ft. or m

Datum Plain: ☐ NAD27 ☐ NAD83 Elevation Source _____

Source of Coordinates: ☐ GPS ☐ Survey ☐ Other _____

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: _____

**WELL TEST***

Pre-Pumping Static Level _____ ft. Date _____

Measured from: ☐ Top of Casing ☐ Ground Level ☐ Other _____

☐ Air ☐ Bailing ☐ Pumping* ☐ Other _____

Test Rate _____ gpm Duration of Test _____ hrs.

Feet of Drawdown _____ ft. Sustainable Yield _____ gpm

*(Attach a copy of the pumping test record, per section 1521.05, ORC)

Is Copy Attached? ☐ Yes ☐ No Flowing Well? ☐ Yes ☐ No

Quality _____

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 Duncan Bros. Drilling, Inc.

Address Box 136

City, State, Zip New Galilee, Pa. 16141

Signed Cindy Duncan Date 5/8/02

ODH Registration Number 1556

☒ Rotary ☐ Cable ☐ Augered ☐ Driven ☐ Other _____

BOREHOLE/CASING (measured from ground surface)

1 ☒ Borehole Diameter 13 3/4" inches Depth 38 ft.

Casing Diameter 10 in. Length 40 ft. Thickness _____ in.

2 ☒ Borehole Diameter 9 7/8" inches Depth 40 - 250' ft.

Casing Diameter _____ in. Length _____ ft. Thickness _____ in.

Casing Height Above Ground _____ ft.

Type 1 ☐ Steel 1 ☐ Galv. 1 ☒ PVC 1 ☐

2 ☐ 2 ☐ 2 ☐ 2 ☐ Other _____

Joints 1 ☐ Threaded 1 ☐ Welded 1 ☐ Solvent 1 ☐

2 ☐ 2 ☐ 2 ☐ 2 ☐ Other _____

SCREEN

Diameter _____ Slot Size _____ Screen Length _____ ft.

Type _____ Material _____

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 _____ Volume/Weight Used _____

Method of Installation _____

Depth: Placed FROM _____ ft. TO _____ ft.

DRILLING LOG*

INDICATE DEPTH(S) AT WHICH WATER IS ENCOUNTERED.

Show color, texture, hardness, and formation: sandstone, shale, limestone, gravel, clay, sand, etc.

	From	To
Top Soil	0.0	0.5
Red shale	0.5	5.5
Brown shale	5.5	22.0
Brown sandstone	22.0	25.5
Gray sandstone	25.5	28.5
Red shale	28.5	30.0
Gray sandstone	30.0	34.5
Gray shale	34.5	46.0
Red shale	46.0	48.0
Gray sandstone	48.0	55.5
Brown sandstone	55.5	62.0
Gray sandstone	62.0	75.5
Gray shale	75.5	79.5
Limestone (water 80')	79.5	81.5
Limy gray shale	81.5	95.0
Red shale	95.0	101.0
Limestone	101.0	102.0
Gray shale	102.0	107.5
Red shale	107.5	114.5
Gray sandstone	114.5	119.5
Red shale	119.5	125.0
Gray sandstone	125.0	144.5
Sandy Gray shale	144.5	146.5
Gray sandstone	146.5	156.0
Gray shale	156.0	163.0
Gray sandstone	163.0	180.0
Gray shale	180.0	182.5

(If more space is needed to complete drilling log, use next consecutively numbered form.)

Date of Well Completion con't pg.2 Total Depth of Well _____ ft.

Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.
ORIGINAL COPY TO - ODNR, DIVISION OF WATER, 1939 FOUNTAIN SQ. DRIVE, COLS., OHIO 43224-9971
Blue - Customer's copy Pink - Driller's copy Green - Local Health Dept. copy

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Division of Water, 1939 Fountain Square Drive
Columbus, Ohio 43224-9971 Voice (614) 265-6739 Fax (614) 447-9503**WELL LOCATION****CONSTRUCTION DETAILS**County Monroe Township SwitzerlandOwner/Builder Ray Shaver

(Circle One or Both) First Last

Address of Well Location 49745 Switzerland Twp. Rd. 198

Number Street Name

City Clarington Zip Code +4 43915Permit No. 13 Section/Lot No. 23-41-33
(Circle One or Both)Location of Well in State Plane
coordinates, if available:

Use of Well

N ☐ X ☒ +/- ft. or mS ☐ Y ☐ +/- ft. or m

Elevation of Well +/- ft. or m

Datum Plain: ☐ NAD27 ☐ NAD83 Elevation SourceSource of Coordinates: ☐ GPS ☐ Survey ☐ OtherSketch 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

South

WELL TEST*

Pre-Pumping Static Level _____ ft. Date _____

Measured from: ☐ Top of Casing ☐ Ground Level ☐ Other☐ Air ☐ Bailing ☐ Pumping* ☐ Other

Test Rate _____ gpm Duration of Test _____ hrs.

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Pump installed by _____

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

Drilling Firm Duncan Bros. Drilling, Inc.Address Box 136City, State, Zip New Galilee, Pa. 16141Signed Cindy Duncan

Date

5/8/02ODH Registration Number 1556☐ Rotary ☐ Cable ☐ Augered ☐ Driven ☐ Other _____**BOREHOLE/CASING** (measured from ground surface)1 ☐ Borehole Diameter _____ inches Depth _____ ft.

Casing Diameter _____ in. Length _____ ft. Thickness _____ in.

2 ☐ Borehole Diameter _____ inches Depth _____ ft.

Casing Diameter _____ in. Length _____ ft. Thickness _____ in.

Casing Height Above Ground _____ ft.

Type 1 ☐ Steel 1 ☐ Galv. 1 ☐ PVC 1 ☐2 ☐ Steel 2 ☐ Galv. 2 ☐ PVC 2 ☐ Other _____Joints 1 ☐ Threaded 1 ☐ Welded 1 ☐ Solvent 1 ☐2 ☐ Threaded 2 ☐ Welded 2 ☐ Solvent 2 ☐ Other _____**SCREEN**

Diameter _____ Slot Size _____ Screen Length _____ ft.

Type _____ Material _____

Set Between _____ ft. and _____ ft.

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GROUT

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DRILLING LOG*

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Show color, texture, hardness, and formation:
sandstone, shale, limestone, gravel, clay, sand, etc.

From

To

Gray sandstone

182.5 186.0

Gray shale

186.0 203.0

Red shale

203.0 215.0

Gray sandstone

215.0 219.0

Gray shale

219.0 221.5

Gray sandstone

221.5 227.0

Sandy gray shale

227.0 231.0

Gray shale

231.0 250.0

East

West

*(If more space is needed to complete drilling log, use next consecutively numbered form.)

Date of Well Completion 4/16/02 Total Depth of Well 250.0 ft.Completion of this form is required by section 1521.05, Ohio Revised Code - file within 30 days after completion of drilling.
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