

TYPE OR USE PEN
SELF TRANSCRIBING
PRESS HARD

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

1013884

WELL LOCATION

County COLUMBIANA Township WESTOwner/Builder (Circle One or Both) RowBany Const/ Will Tolerton
First LastAddress of Well Location 25300 SANSY SPRINGS
Number Street NameCity MINERVA Zip Code +4 44657Permit No. 8355 Section/Lot No. 15
(Circle One or Both)Location of Well in State Plane coordinates, if available: Use of Well ResN ☐ X 40°46.792' +/- 220 ft. or mS ☐ Y 081°01.194' +/- 220 ft. or mElevation of Well 220 ft. or mDatum Plain: ☐ NAD27 ☐ NAD83 Elevation SourceSource 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: _____

Sketch map showing well location relative to landmarks:

North

LAKE

1st House

DRIVE

SANSY SPRINGS

well is About 6/10 mile From SANDY SPRINGS

South

WELL TEST*

Pre-Pumping Static Level 33 ft. DateMeasured from: ☒ Top of Casing ☐ Ground Level ☐ Other☒ Air ☐ Bailing ☐ Pumping* ☐ OtherTest Rate 40 gpm AT 55' gpm Duration of Test 1/2 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 ☒ NoQuality 1199 7.5 pH 1 ppm Fe

PUMP/PITLESS

Type of pump GRUNDFOS 25515-9 Capacity 25 gpmPump set at 60 ft. Pitless Type DICKEN 5-20 2"Pump installed by Palmer

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

Drilling Firm Palmer Drilling IncAddress PO Box 118City, State, Zip PARIZ OH 44669Signed Roger Palmer Date 9-23-13ODH Registration Number 80

CONSTRUCTION DETAILS

☒ Rotary ☐ Cable ☐ Augered ☐ Driven ☐ Other

BOREHOLE/CASING (measured from ground surface)

1 ☐ Borehole Diameter 12 inches Depth 14 ft.Casing Diameter 10 in. Length 21 ft. Thickness _____ in.2 ☐ Borehole Diameter 9 inches Depth 60 ft.Casing Diameter 7 in. Length 60'11" ft. Thickness 272 in.Casing Height Above Ground 25" ft.Type 1 ☒ Steel 1 ☐ Galv. 1 ☐ PVC 1 ☐2 ☒ 2 ☐ 2 ☐ 2 ☐ OtherJoints 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 BENSEAL Volume/Weight Used 225 galsMethod of Installation POSITIVE DISPLACEMENTDepth: Placed FROM 60 ft. TO 0 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

Brown Sandy Clay 0 8Brown washed shale + clay 8 19CLAY 19 25DARK GRAY SHALE 25 32COAL 32 33SANDY SHALE + SHALE 33 54DARK GRAY SHALE with LIME SEAMS 54 62SOFT GRAY SHALE 62 64GRAY SANDY SHALE 64 83GRAY SANDY SHALE + SANDSTONE SEAMS 83 100DARK GRAY SHALE 100 101STOPPED ON COAL① TEMPORARY 10" CASING WAS REMOVED② HAS 95' 9/4" SDR26 LINER③ WATER 83'-90' & 95'-100'