

Clearview Solar I, LLC

Clearview Solar

Exhibit M

Part 3 of 3

Geology and Hydrogeology Report

Attachments

Case No. 20-1362-EL-BGN

ATTACHMENT A

Water Well Log and Drilling Reports



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **28882**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: *HARRRY SITTERS*

County: *CHAMPAIGN*

Address:

City:

Location Number: *260*

Latitude: *40.2716*

Township: *ADAMS*

State: *OH*

Location Map Year: *1945*

Longitude: *-83.994288*

Section Number: *33*

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1:

2:

Borehole Depth: 1: *67 ft.*

2:

Depth to Bedrock:

Casing Diameter: 1: *4 in.*

2:

Casing Length: 1: *67 ft.*

2:

Casing Thickness: 1:

2:

Casing Height Above Ground:

Date of Completion: *1/1/1950*

Driller's Name: *DORSEY WALTER R*

Aquifer Type: *GRAVEL*

Total Depth: *67 ft.*

Well Use:

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size:

Vol/Wt Used:

Method of Installation:

Placed

WELL TEST DETAILS

Static Water Level: *34 ft.*

Test Rate: *10 gpm*

[Associated Reports](#)

Drawdown:

Test Duration: *5 hrs.*

COMMENTS:

WELL LOG

Formations	From	To
TOP SOIL	0	2
RED CLAY	2	20
HARDPAN	20	63
GRAVEL	63	67

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1,598,400

WELL LOG AND DRILLING REPORT

ORIGINAL

218000N

Bellefontaine quad.

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Columbus, Ohio

No 100809

County Champaign Township Adams Section of Township 20
or Lot NumberOwner C. E. Wilkinson Address Sidney OLocation of property 2 1/4 mi north of RT 29 on East Side of RT 69

CONSTRUCTION DETAILS

Casing diameter 5 5/8 Length of casing 78 1/2Type of screen none Length of screen

Type of pump

Capacity of pump

Depth of pump setting

PUMPING TEST

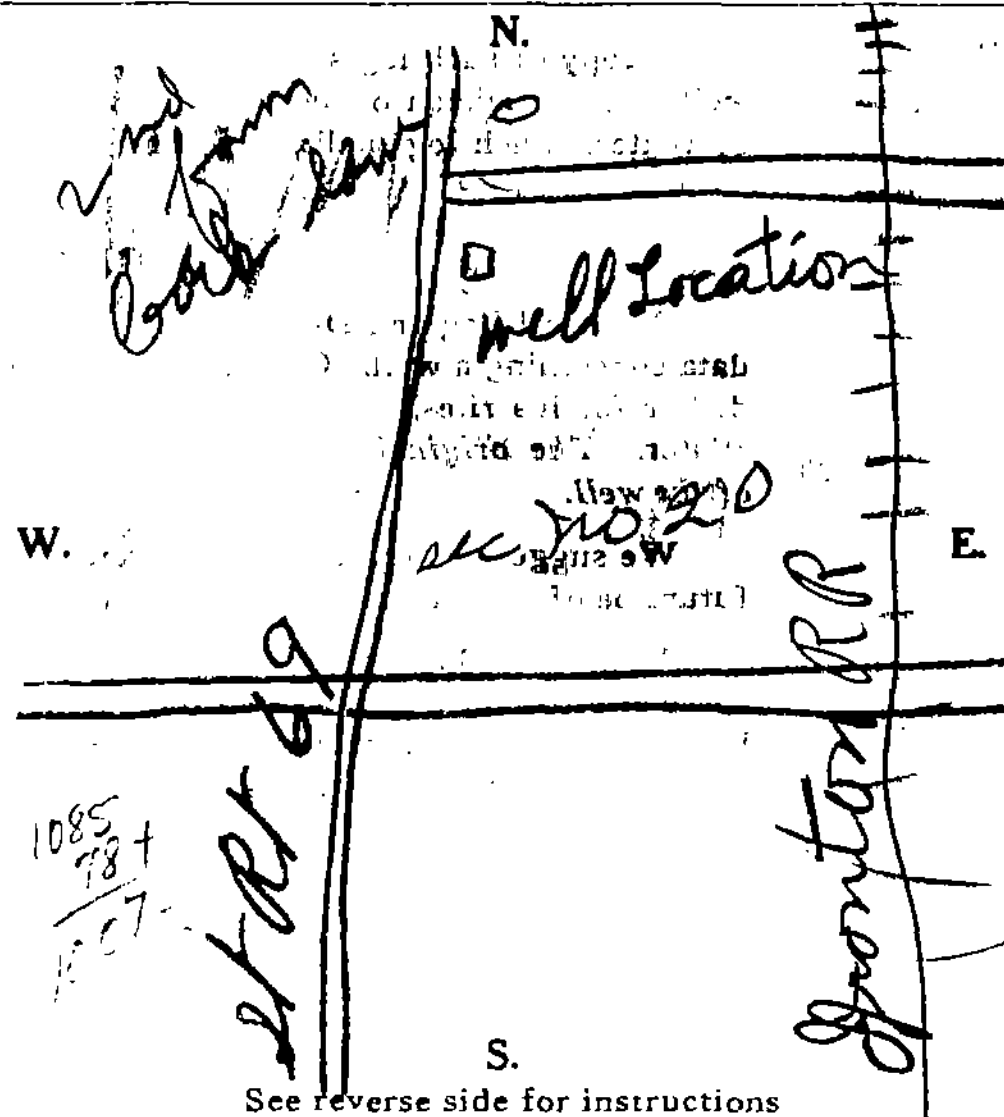
Pumping rate 30 G.P.M. Duration of test 1 hrs.Drawdown 15 ft. Date 11-25-52Developed capacity 208 P.M.Static level—depth to water 10 ft.

Pump installed by

WELL LOG

Formations Sandstone, shale, limestone, gravel and clay	From	To
	0 Feet	Ft.
Clay	0	48
Sand	48	72
Clay	72	78
Gravel	78	78 1/2
Water at 78 1/2		
3		

SKETCH SHOWING LOCATION

Locate in reference to numbered
State Highways, St. Intersections, County roads, etc.Drilling Firm Holt & Middlebrook Date 11-25-52Address 636 So Wayne StSigned HerbertPiquette O

ST RT 235

22



Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **120130**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: *WAVEL DAVIS*

County: *CHAMPAIGN*

Address:

City:

Location Number: *25*

Latitude: *40.267247*

Township: *ADAMS*

State: *OH*

Location Map Year: *1961*

Longitude: *-83.993432*

Section Number: *27*

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1:

2:

Borehole Depth: 1: *77 ft.*

2:

Depth to Bedrock:

Casing Diameter: 1: *4.25 in.*

2:

Casing Length: 1: *84 ft.*

2:

Casing Thickness: 1:

2:

Casing Height Above Ground:

Date of Completion: *12/8/1953*

Driller's Name: *ZIMMERMAN ED L*

Aquifer Type: *GRAVEL*

Total Depth: *77 ft.*

Well Use:

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size:

Vol/Wt Used:

Method of Installation:

Placed

WELL TEST DETAILS

Static Water Level: *66 ft.*

Test Rate: *7 gpm*

[Associated Reports](#)

Drawdown:

Test Duration:

COMMENTS:

WELL LOG

Formations	From	To
BROWN CLAY	0	11
STONE	12	21
HARDPAN	12	21
GRAVEL	21	24
GRAVEL	24	30
MUD	24	30
BLUE CLAY	30	36
CLAY	36	38
GRAVEL & CLAY	38	49
GRAVEL	49	77
HARDPAN	49	77
WATER AT		77

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X = 1,787,000 ±1000' WELL LOG AND DRILLING REPORT

ORIGINAL

State of Ohio
DEPARTMENT OF NATURAL RESOURCES
Division of Water
Columbus, Ohio

18

No 160777

County Champaign Township Adams Section of Township or Lot Number 26
Owner W. A. Crum Address Quincy RR#1
Location of property 4 miles northwest of Rosewood

CONSTRUCTION DETAILS

Casing diameter 4 1/4" Length of casing 45 ft
Type of screen Length of screen
Type of pump
Capacity of pump
Depth of pump setting

PUMPING TEST

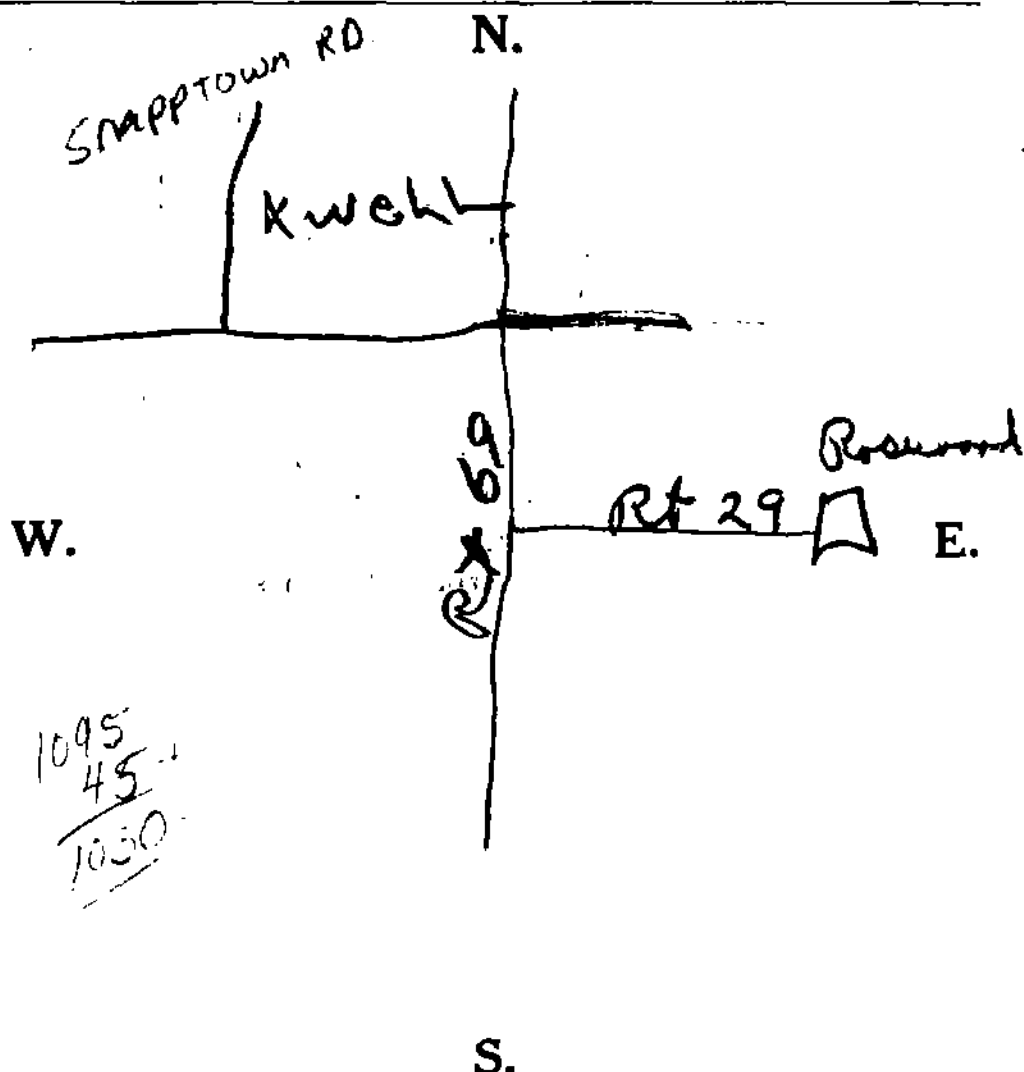
Pumping rate 10 G.P.M. Duration of test 2 hrs.
Drawdown none ft. Date Mar 23, 1956
Developed capacity 600 g.p.h.
Static level—depth to water 7 ft.
Pump installed by

WELL LOG

Formations - Sandstone, shale, limestone, gravel and clay	From	To
gravel	0 Feet	<u>2</u> Ft.
Red clay	<u>2</u>	<u>20</u>
Blue clay	<u>20</u>	<u>40</u>
Sand + gravel	<u>40</u>	<u>45</u>
3		

SKETCH SHOWING LOCATION

Locate in reference to numbered
State Highways, St. Intersections, County roads, etc.



See reverse side for instructions

Drilling Firm De Huff
Address De Huff RR#2

Date Mar 23, 1956
Signed Donald Eaton





Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **220305**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: *FLOYD DOUGLAS*

County: *CHAMPAIGN*

Address: *SR 235*

City:

Location Number: *22*

Latitude: *40.258383*

Township: *ADAMS*

State: *OH*

Location Map Year: *1961*

Longitude: *-83.977435*

Section Number: *27*

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1:

2:

Borehole Depth: 1: *71 ft.*

2:

Depth to Bedrock:

Casing Diameter: 1: *4.25 in.*

2:

Casing Length: 1: *71 ft.*

2:

Casing Thickness: 1:

2:

Casing Height Above Ground:

Date of Completion: *3/18/1958*

Driller's Name: *EATON DONALD*

Aquifer Type: *GRAVEL*

Total Depth: *71 ft.*

Well Use:

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size:

Vol/Wt Used:

Method of Installation:

Placed

WELL TEST DETAILS

Static Water Level: *7 ft.*

Test Rate: *15 gpm*

Associated Reports

Drawdown:

Test Duration: *2 hrs.*

COMMENTS:

WELL LOG

Formations

	From	To
PIT	0	6
RED CLAY	6	20
GRAVELLY CLAY	20	55
SAND	55	69
GRAVEL	69	71

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **220337**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: *R DILL*

County: *CHAMPAIGN*

Address: *LOGAN CHAMPAIGN RD*

City:

Location Number: *21*

Latitude: *40.272359*

Township: *ADAMS*

State: *OH*

Location Map Year: *1961*

Longitude: *-84.005847*

Section Number: *33*

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1:

2:

Borehole Depth: 1: *32 ft.*

2:

Depth to Bedrock:

Casing Diameter: 1: *4.25 in.*

2:

Casing Length: 1: *32 ft.*

2:

Casing Thickness: 1:

2:

Casing Height Above Ground:

Date of Completion: *9/19/1958*

Driller's Name: *EATON DONALD*

Aquifer Type: *GRAVEL*

Total Depth: *32 ft.*

Well Use:

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size:

Vol/Wt Used:

Method of Installation:

Placed

WELL TEST DETAILS

Static Water Level: *13 ft.*

Test Rate: *12 gpm*

[Associated Reports](#)

Drawdown:

Test Duration: *2 hrs.*

COMMENTS:

WELL LOG

Formations	From	To
RED CLAY	0	20
BLUE CLAY	20	30
GRAVEL	30	32

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **229928**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: ROY SHOEMAKER

County: CHAMPAIGN

Address: SNAPTOWN RD

City:

Location Number: 24

Latitude: 40.270243

Township: ADAMS

State: OH

Location Map Year: 1961

Longitude: -83.993064

Section Number: 27

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1:

2:

Borehole Depth: 1: 71 ft.

2:

Depth to Bedrock:

Casing Diameter: 1: 4.25 in.

2:

Casing Length: 1: 71 ft.

2:

Casing Thickness: 1:

2:

Casing Height Above Ground:

Date of Completion: 7/16/1959

Driller's Name: EATON DONALD

Aquifer Type: GRAVEL

Total Depth: 71 ft.

Well Use:

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size:

Vol/Wt Used:

Method of Installation:

Placed

WELL TEST DETAILS

Static Water Level: 10 ft.

Test Rate: 12 gpm

Associated Reports

Drawdown:

Test Duration: 2 hrs.

COMMENTS:

WELL LOG

Formations

GRAVELLY CLAY

GRAVEL

From

47

69

To

69

71

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **229929**

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ORIGINAL OWNER AND LOCATION

Original Owner Name: *AMER EVANS*

County: *CHAMPAIGN*

Address: *SNAPPTOWN RD*

City:

Location Number: *26*

Latitude: *40.265016*

Township: *ADAMS*

State: *OH*

Location Map Year: *1961*

Longitude: *-83.993446*

Section Number: *27*

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1:

2:

Borehole Depth: 1: *73 ft.*

2:

Depth to Bedrock:

Casing Diameter: 1: *4.25 in.*

2:

Casing Length: 1: *73 ft.*

2:

Casing Thickness: 1:

2:

Casing Height Above Ground:

Date of Completion: *7/18/1959*

Driller's Name: *EATON DONALD*

Aquifer Type: *GRAVEL*

Total Depth: *73 ft.*

Well Use:

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size:

Vol/Wt Used:

Method of Installation:

Placed

WELL TEST DETAILS

Static Water Level: *10 ft.*

Test Rate: *12 gpm*

[Associated Reports](#)

Drawdown:

Test Duration: *2 hrs.*

COMMENTS:

WELL LOG

Formations	From	To
RED CLAY	0	20
GRAVELLY CLAY	20	70
GRAVEL	70	73

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **392921**

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ORIGINAL OWNER AND LOCATION

Original Owner Name: *LESTER DAVIS*

County: *CHAMPAIGN*

Address: *SNAPPTOWN RD*

City:

Location Number: *6*

Latitude: *40.271537*

Township: *ADAMS*

State: *OH*

Location Map Year: *1976*

Longitude: *-83.992976*

Section Number: *27*

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1:

2:

Borehole Depth: 1: *63 ft.*

2:

Depth to Bedrock:

Casing Diameter: 1: *4.25 in.*

2:

Casing Length: 1: *63 ft.*

2:

Casing Thickness: 1:

2:

Casing Height Above Ground:

Date of Completion: *4/17/1969*

Driller's Name: *EATON DONALD*

Aquifer Type: *GRAVEL*

Total Depth: *63 ft.*

Well Use:

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size:

Vol/Wt Used:

Method of Installation:

Placed

WELL TEST DETAILS

Static Water Level: *11 ft.*

Test Rate: *15 gpm*

Associated Reports

Drawdown: *10 ft.*

Test Duration: *2 hrs.*

COMMENTS:

WELL LOG

Formations	From	To
RED CLAY	0	15
GRAVELLY CLAY	15	33
GRAVEL	33	35
GRAVELLY CLAY	35	62
GRAVEL	62	63

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **432494**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: *FRANKLIN EVANS*

County: *CHAMPAIGN*

Address: *SNAPPTOWN RD*

City:

Location Number: *7*

Latitude: *40.264238*

Township: *ADAMS*

State: *OH*

Location Map Year: *1976*

Longitude: *-83.994779*

Section Number: *33*

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1:

2:

Borehole Depth: 1: *85 ft.*

2:

Depth to Bedrock:

Casing Diameter: 1: *5.63 in.*

2:

Casing Length: 1: *85 ft.*

2:

Casing Thickness: 1:

2:

Casing Height Above Ground:

Date of Completion: *3/6/1972*

Driller's Name: *EATON DONALD*

Aquifer Type: *GRAVEL*

Total Depth: *85 ft.*

Well Use:

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size:

Vol/Wt Used:

Method of Installation:

Placed

WELL TEST DETAILS

Static Water Level: *10 ft.*

Test Rate: *18 gpm*

[Associated Reports](#)

Drawdown:

Test Duration: *2 hrs.*

COMMENTS:

WELL LOG

Formations	From	To
RED CLAY	0	10
SAND & GRAVEL	10	20
GRAVELLY CLAY	20	45
GRAY CLAY	45	81
MUDDY GRAVEL	81	84
GRAVEL	84	85

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **2019329**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: DAVID PULLINS

County: CHAMPAIGN

Address: 9381 SNAPPTOWN RD

City:

Location Number:

Latitude: 40.263417

Township: ADAMS

State: OH

Location Map Year:

Longitude: -83.993767

Section Number: 27

Lot Number:

Zip Code: 43343

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1: 7.88 in.
2: 4.75 in.

Borehole Depth: 1: 165 ft.
2: 170 ft.

Depth to Bedrock:

Casing Diameter: 1: 5 in.
2: 5 in.

Casing Length: 1: 165 ft.
2: 145 ft.

Casing Thickness: 1: 0.327 in.
2: 0.265 in.

Casing Height Above Ground: 1.30

Date of Completion: 10/2/2008

Driller's Name: KNICELEY WELL DRILLING

Aquifer Type: LIMESTONE
Total Depth: 170 ft.

Well Use: AGRIC/IRRIG

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size: Bentonite/polymer slurry

Vol/Wt Used: 450 lbs.

Method of Installation: Pumped w/Tremie pipe

Placed FROM: 165 ft.

WELL TEST DETAILS

Static Water Level: 14 ft.

Test Rate: 40 gpm

Associated Reports

Drawdown: 20 ft.

Test Duration: 1 hrs.

COMMENTS: WATER CLEAR, NO ODOR.. DGS adjusted bedrock depth based on surficial mapping.

WELL LOG

Formations	From	To
YELLOW GRAVELLY CLAY	0	4
GRAY GRAVELLY CLAY	4	15
SAND & GRAVEL	15	28
GRAY GRAVELLY CLAY	28	77
FINE SAND & GRAVEL	77	100
GRAY GRAVELLY CLAY	100	155
BROWN WAXEY CLAY	155	163
LT. GRAY LIMESTONE	163	170
WATER AT	165	170

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **2033845**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: *DAVID PULLINS*

County: *CHAMPAIGN*

Address: *SNAPPTOWN RD*

City:

Location Number:

Latitude: *40.252567*

Township: *ADAMS*

State: *OH*

Location Map Year:

Longitude: *-83.99455*

Section Number:

Lot Number:

Zip Code: *43343*

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1: *7.9 in.*

2:

Borehole Depth: 1: *114 ft.*

2:

Depth to Bedrock:

Casing Diameter: 1: *5 in.*

2:

Casing Length: 1: *112 ft.*

2:

Casing Thickness: 1: *0.327 in.*

2:

Casing Height Above Ground: *1.30*

Date of Completion: *7/20/2011*

Driller's Name: *KNICELEY WELL DRILLING*

Screen Diameter: *5 in.*

Type: *MACHINE SLOTTED*

Set Between: *From: 114 ft. To: 112 ft.*

Gravel Pack Material/Size: *pea gravel*

Method of Installation: *Poured (gravity)*

Grout Material/Size: *Bentonite/polymer slurry*

Method of Installation: *Pumped w/Tremie pipe*

Aquifer Type: *SAND & GRAVEL*

Total Depth: *114 ft.*

Well Use: *AGRIC/IRRIG*

Slot Size: *0.08 in.*

Material: *PVC*

Screen Length: *2 ft.*

Vol/Wt Used: *15 gallons*

Placed: *FROM: 114 ft. TO: 110 ft.*

Vol/Wt Used: *325 lbs.*

Placed *FROM: 110 ft.*

WELL TEST DETAILS

Static Water Level: *12 ft.*

Drawdown: *10 ft.*

Test Rate: *100 gpm*

Test Duration: *1 hrs.*

Associated Reports

COMMENTS: *WATER CLEAR, NO ODOR.*

WELL LOG

Formations

YELLOW GRAVELLY CLAY

GRAY GRAVELLY CLAY

SAND & GRAVEL

WATER AT

From To

0 3

3 86

86 114

86 114

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **2045200**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: JAMES LEMMON

County: CHAMPAIGN

Address: 8941 CHAMPAIGN-LOGAN-SHELBY RD

City:

Location Number:

Latitude: 40.2583

Township: ADAMS

State: OH

Location Map Year:

Longitude: -84.01565

Section Number:

Lot Number:

Zip Code: 43343

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1: 8.75 in.

2: 4.75 in.

Borehole Depth: 1: 188 ft.

2: 207 ft.

Depth to Bedrock:

Casing Diameter: 1: 5 in.

2:

Casing Length: 1: 188 ft.

2:

Casing Thickness: 1: 0.327 in.

2:

Casing Height Above Ground: 1.30

Date of Completion: 10/18/2013

Driller's Name: KNICELEY WELL DRILLING

Screen Diameter:

Type:

Set Between:

Gravel Pack Material/Size:

Method of Installation:

Grout Material/Size: Bentonite/polymer slurry

Method of Installation: Pumped w/Tremie pipe

Aquifer Type: LIMESTONE

Total Depth: 207 ft.

Slot Size:

Material:

Vol/Wt Used:

Placed:

Vol/Wt Used: 750 lbs.

Placed FROM: 188 ft.

Well Use: DOMESTIC

Screen Length:

WELL TEST DETAILS

Static Water Level: 12 ft.

Drawdown: 50 ft.

Test Rate: 18 gpm

Test Duration: 1 hrs.

[Associated Reports](#)

COMMENTS: WATER CLEAR, NO ODOR.

WELL LOG

Formations	From	To
YELLOW GRAVELLY CLAY	0	3
GRAY GRAVELLY CLAY	3	72
FINE SAND	72	77
GRAY GRAVELLY CLAY	77	126
FINE SAND	126	129
FINE SAND & GRAVEL	129	132
FINE SAND	132	136
GRAY GRAVELLY CLAY	136	181
LT. GRAY FRACTURED LIMESTONE	181	184
LT. GRAY LIMESTONE	184	207
WATER AT	205	207

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **2062238**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: *KNICELEY WELL DRILLING*

County: *CHAMPAIGN*

Township: *ADAMS*

Address: *8750 SNAPPTOWN RD*

City:

State: *OH*

Location Number:

Location Map Year:

Latitude: *40.254150*

Longitude: *-83.996583*

Section Number:

Lot Number:

Zip Code: *43343*

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1: *8.75 in.*
2: *4.75 in.*

Borehole Depth: 1: *174 ft.*
2: *179 ft.*

Depth to Bedrock:

Casing Diameter: 1: *5 in.*
2:

Casing Length: 1: *174 ft.*
2:

Casing Thickness: 1: *0.327 in.*
2:

Casing Height Above Ground: *1.50*

Aquifer Type: *LIMESTONE*

Date of Completion: *4/10/2017*

Total Depth: *179 ft.*

Well Use: *CONSTRUCTION*

Driller's Name: *KNICELEY WELL DRILLING*

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size: *Bentonite/polymer slurry*

Vol/Wt Used: *700 lbs./336 gallons*

Method of Installation: *Pumped w/Tremie pipe*

Placed FROM: *174 ft.*

WELL TEST DETAILS

Static Water Level: *21 ft.*

Test Rate: *60 gpm*

Associated Reports

Drawdown: *20 ft.*

Test Duration: *1 hrs.*

COMMENTS: *WATER CLEAR, NO ODOR.*

WELL LOG

Formations	From	To
YELLOW GRAVELLY CLAY	0	4
GRAY GRAVELLY CLAY	4	30
SAND & GRAVEL	30	40
GRAY GRAVELLY CLAY	40	68
SAND & GRAVEL	68	74
GRAY GRAVELLY CLAY	74	155
BROWN WAXEY CLAY	155	172
BROWN LIMESTONE	172	179
WATER AT	174	179

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **2062239**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: *KNICELEY WELL DRILLING*

County: *CHAMPAIGN*

Township: *ADAMS*

Address: *8750 SNAPPTOWN RD*

City:

State: *OH*

Location Number:

Location Map Year:

Latitude: *40.254083*

Longitude: *-83.996583*

Section Number:

Lot Number:

Zip Code: *43343*

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1: *13 in.*
2: *7.5 in.*

Borehole Depth: 1: *174 ft.*
2: *205 ft.*

Depth to Bedrock:

Casing Diameter: 1: *8 in.*
2:

Casing Length: 1: *174 ft.*
2:

Casing Thickness: 1: *0.508 in.*
2:

Casing Height Above Ground: *1.80*

Aquifer Type: *LIMESTONE*

Date of Completion: *4/10/2017*

Total Depth: *205 ft.*

Well Use: *CONSTRUCTION*

Driller's Name: *KNICELEY WELL DRILLING*

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size: *Bentonite/polymer slurry*

Vol/Wt Used: *1400 lbs./672 gallons*

Method of Installation: *Pumped w/Tremie pipe*

Placed FROM: *174 ft.*

WELL TEST DETAILS

Static Water Level: *21 ft.*

Test Rate: *300 gpm*

Associated Reports

Drawdown: *60 ft.*

Test Duration: *1 hrs.*

COMMENTS: *WATER CLEAR, NO ODOR.*

WELL LOG

Formations	From	To
YELLOW GRAVELLY CLAY	0	4
GRAY GRAVELLY CLAY	4	30
SAND & GRAVEL	30	40
GRAY GRAVELLY CLAY	40	68
SAND & GRAVEL	68	74
GRAY GRAVELLY CLAY	74	155
BROWN WAXEY CLAY	155	172
BROWN LIMESTONE	172	185
GRAY LIMESTONE	185	205
WATER AT	174	205

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **2071795**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: LLOYD KNICELEY

County: CHAMPAIGN

Address: 8718 SNAPPTOWN RD

City:

Location Number:

Latitude: 40.253950

Township: ADAMS

State: OH

Location Map Year:

Longitude: -83.996183

Section Number:

Lot Number:

Zip Code: 43343

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1: 8.75 in.

2: 4.75 in.

Borehole Depth: 1: 176 ft.

2: 199 ft.

Depth to Bedrock:

Casing Diameter: 1: 5 in.

2:

Casing Length: 1: 176 ft.

2:

Casing Thickness: 1: 0.327 in.

2:

Casing Height Above Ground: 1.50

Date of Completion: 12/15/2018

Driller's Name: KNICELEY WELL DRILLING

Screen Diameter:

Type:

Set Between:

Gravel Pack Material/Size:

Method of Installation:

Grout Material/Size: Bentonite/polymer slurry

Method of Installation: Pumped w/Tremie pipe

Aquifer Type: LIMESTONE

Total Depth: 199 ft.

Well Use: DOMESTIC

Slot Size:

Material:

Screen Length:

Vol/Wt Used:

Placed:

Vol/Wt Used: 750 lbs./360 gallons

Placed FROM: 176 ft.

WELL TEST DETAILS

Static Water Level: 21 ft.

Drawdown: 20 ft.

Test Rate: 100 gpm

Test Duration: 1 hrs.

[Associated Reports](#)

COMMENTS: WATER CLEAR, NO ODOR.

WELL LOG

Formations	From	To
YELLOW GRAVELLY CLAY	0	3
GRAY GRAVELLY CLAY	3	168
BROWN WAXEY CLAY	168	174
WHITE LIMESTONE	174	199
WATER AT	176	199

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **9911008**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: *JOHN DRUROY*

County: *CHAMPAIGN*

Address:

City:

Location Number: *51*

Latitude: *40.252902*

Township: *ADAMS*

State: *OH*

Location Map Year: *1945*

Longitude: *-83.994573*

Section Number: *26*

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1:

2:

Borehole Depth: 1: *21 ft.*

2:

Depth to Bedrock:

Casing Diameter: 1:

2:

Casing Length: 1:

2:

Casing Thickness: 1:

2:

Casing Height Above Ground:

Date of Completion: *4/25/1939*

Aquifer Type: *MUD & GRAVEL*

Total Depth: *21 ft.*

Well Use:

Driller's Name:

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size:

Vol/Wt Used:

Method of Installation:

Placed

WELL TEST DETAILS

Static Water Level: *5.5 ft.*

Test Rate:

Associated Reports

Drawdown:

Test Duration:

COMMENTS:

WELL LOG

Formations

YELLOW CLAY
MUD & GRAVEL

From	To
0	16
16	21

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Water Well Log and Drilling Report

Ohio Department of Natural Resources
Division of Soil and Water
Phone: 614-265-6740 Fax: 614-265-6767

Well Log Number: **9911026**

[View Image of Original Well Log](#)

ORIGINAL OWNER AND LOCATION

Original Owner Name: *JOHN ROBISON*

County: *CHAMPAIGN*

Address:

City:

Location Number: *117*

Latitude: *40.254003*

Township: *ADAMS*

State: *OH*

Location Map Year: *1945*

Longitude: *-83.994482*

Section Number: *26*

Lot Number:

Zip Code:

Location Area:

CONSTRUCTION DETAILS

Borehole Diameter: 1:

2:

Borehole Depth: 1: *69 ft.*

2:

Depth to Bedrock:

Casing Diameter: 1:

2:

Casing Length: 1:

2:

Casing Thickness: 1:

2:

Casing Height Above Ground:

Date of Completion: *7/10/1934*

Driller's Name:

Aquifer Type: *SAND & GRAVEL*

Total Depth: *69 ft.*

Well Use:

Screen Diameter:

Slot Size:

Screen Length:

Type:

Material:

Set Between:

Gravel Pack Material/Size:

Vol/Wt Used:

Method of Installation:

Placed:

Grout Material/Size:

Vol/Wt Used:

Method of Installation:

Placed

WELL TEST DETAILS

Static Water Level:

Test Rate:

Associated Reports

Drawdown:

Test Duration:

COMMENTS:

WELL LOG

Formations

DUG WELL

SAND & GRAVEL

From

0

51

To

51

69

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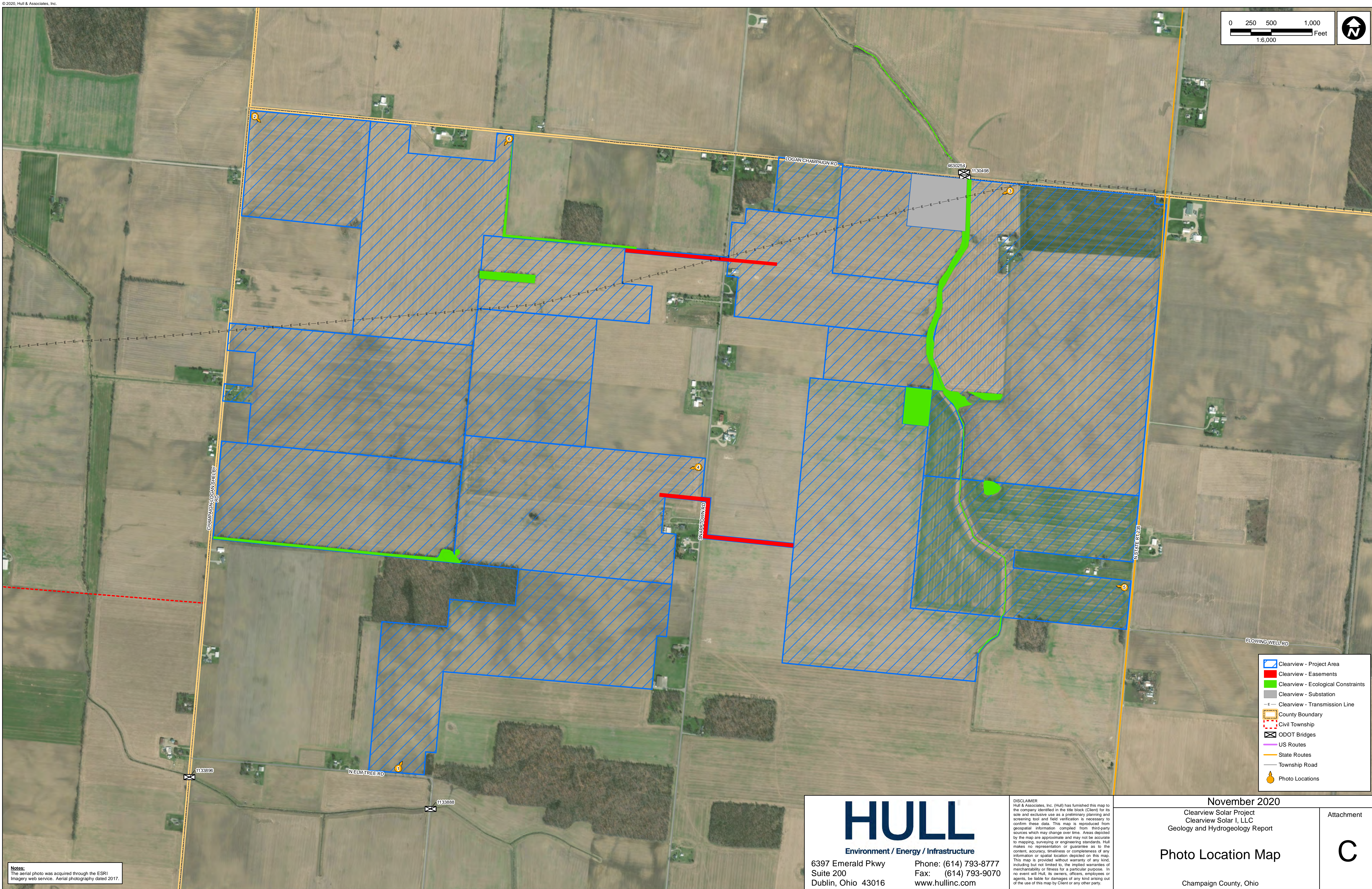
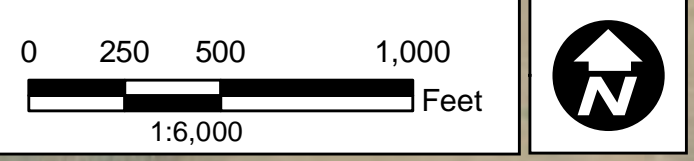
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ATTACHMENT B

Ohio EPA SWPA

ATTACHMENT C

Photographs from Site Reconnaissance



Notes:
The aerial photo was acquired through the ESRI Imagery web service. Aerial photography dated 2017.

HULL

Environment / Energy / Infrastructure

6397 Emerald Pkwy
Suite 200
Dublin, Ohio 43016

Phone: (614) 793-8777
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www.hullinc.com

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November 2020

Clearview Solar Project
Clearview Solar I, LLC
Geology and Hydrogeology Report

Photo Location Map

Champaign County, Ohio

Attachment

C



PHOTO 1: View from N Elm Tree Road looking northeast at Project Area.



PHOTO 2: View of the Project Area from the southeast corner of Champaign-Logan-Shelby Road and Logan Champaign Road looking southeast.



Clearview Solar Project
Clearview Solar I, LLC

Site Photographs

Champaign County, Ohio

Date:

NOVEMBER 2020

Project Number:

ORR023

File Name:

ORR023.0001.xlsx



PHOTO 3: View from Logan Champaign Road looking southwest along the transmission line and location of proposed substation in background.



PHOTO 4: View from Snaptown Road north of easement looking west at Project Area.



Clearview Solar Project
Clearview Solar I, LLC

Site Photographs

Champaign County, Ohio

Date:

NOVEMBER 2020

Project Number:

ORR023

File Name:

ORR023.0001.xlsx



PHOTO 5: View from the southeast corner of the Project Area from N State Rt. 235 looking west.



PHOTO 6: View looking southwest at Project Area from Logan Champaign Road.



Clearview Solar Project
Clearview Solar I, LLC

Site Photographs

Champaign County, Ohio

Date:

NOVEMBER 2020

Project Number:

ORR023

File Name:

ORR023.0001.xlsx

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

12/17/2020 6:11:54 PM

in

Case No(s). 20-1362-EL-BGN

Summary: Application - Part 17 of 31 Ex. M (3 of 3) Geology and Hydrogeology Report
electronically filed by Christine M.T. Pirik on behalf of Clearview Solar I, LLC