

WELL LOG AND DRILLING REPORT

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

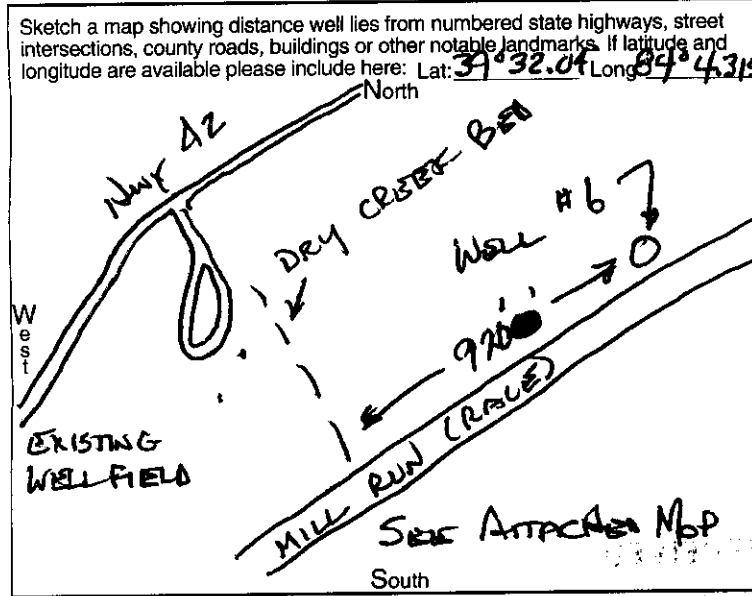
879125

WELL LOCATION

CONSTRUCTION DETAILS

County WARREN Township WAYNE
 Owner/Builder VILLAGE OF WAYNESVILLE
 Address of Well Location N. US ROUTE 42
 City WAYNESVILLE Zip Code +4 45068
 Permit No. RS006
 Location of Well in State Plane coordinates, if available:
 N X 720 +/- 5.0 ft. or m
 S Y 720 +/- 5.0 ft. or m
 Elevation of Well 720 +/- 5.0 ft. or m
 Datum Plain: NAD27 NAD83 Elevation Source TOPO. MAP
 Source of Coordinates: GPS Survey Other

Rotary Cable Augered Driven Other
BOREHOLE/CASING (measured from ground surface)
 1 Borehole Diameter 24 inches Depth 50 ft.
 Casing Diameter 12 in. Length 30 ft. Thickness .315 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 Joints 1 Threaded 1 Welded 1 Solvent 1
 2 2 2 2 Other



SCREEN
 Diameter 12" PS Slot Size .035" Screen Length 20 ft.
 Type WIRED WOUND Material STAINLESS STL.
 Set Between 30 ft. and 50 ft.
GRAVEL PACK (Filter Pack)
 Material/Size PARAY #5 Volume/Weight Used 4.5 TONS
 Method of Installation TREMIE
 Depth: Placed FROM 26 ft. TO 500 ft.
GROUT
 Material NEPA CEMENT SURRY Volume/Weight Used 2.2 YDS.
 Method of Installation TREMIE
 Depth: Placed FROM 2 ft. TO 26 ft.
BENTONITE CABS FROM 0-2 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 Silty Clay			0	9'
Brown Silty Sand			9'	13'
Brown coarse sand & gravel w/ 1"-4" cobbles			13'	20'
Pea gravel & cobbles, 1"-3" w/ larger boulder, 3"-6"			20'	22'
Brown Clay w/ gravel			22'	24'
Fine to coarse sand & gravel to 2"				
Few cobbles, 3"-5"			24'	29.3'
Silty brown clay w/ cobbles			29.3'	34'
Brown, med. to coarse sand & pea gravel to 1"			34'	44.3'
Fine & medium grain sand			44.3'	45'
Fine & medium grain sand w/ pea gravel			45'	48'
Fine & med. grain sand w/ silty brown clay & pea gravel			48'	50'

WELL TEST*
 Pre-Pumping Static Level 940 ft. Date 9-4-02
 Measured from: Top of Casing Ground Level Other
 Air Bailing Pumping* Other
 Test Rate 457 gpm Duration of Test 24 hrs.
 Feet of Drawdown 23.14 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 CLEAR

PUMP/PITLESS

Type of pump WOMES SET 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 REYNOLDS, INC.
 Address 6451 GERMAN TOWNSHIP RD
 City, State, Zip MIDDLETOWN, OH 45042
 Signed R.P. Reynolds Date 10/25/02
 ODH Registration Number 02289

(If more space is needed to complete drilling log, use next consecutively numbered form.)
 Date of Well Completion 9-15-02 Total Depth of Well 50 ft.

Waynesville Quad

32'30"

R. 5 T. 3

R. 4 T. 4

4880

560 000
FEET

4379

4378

4377

39° 30'

84° 07' 30" LEBANON 7 MI.
20 MI. TO INTERSTATE 275

R. 4 T. 4

1749

1 550 000 FEET

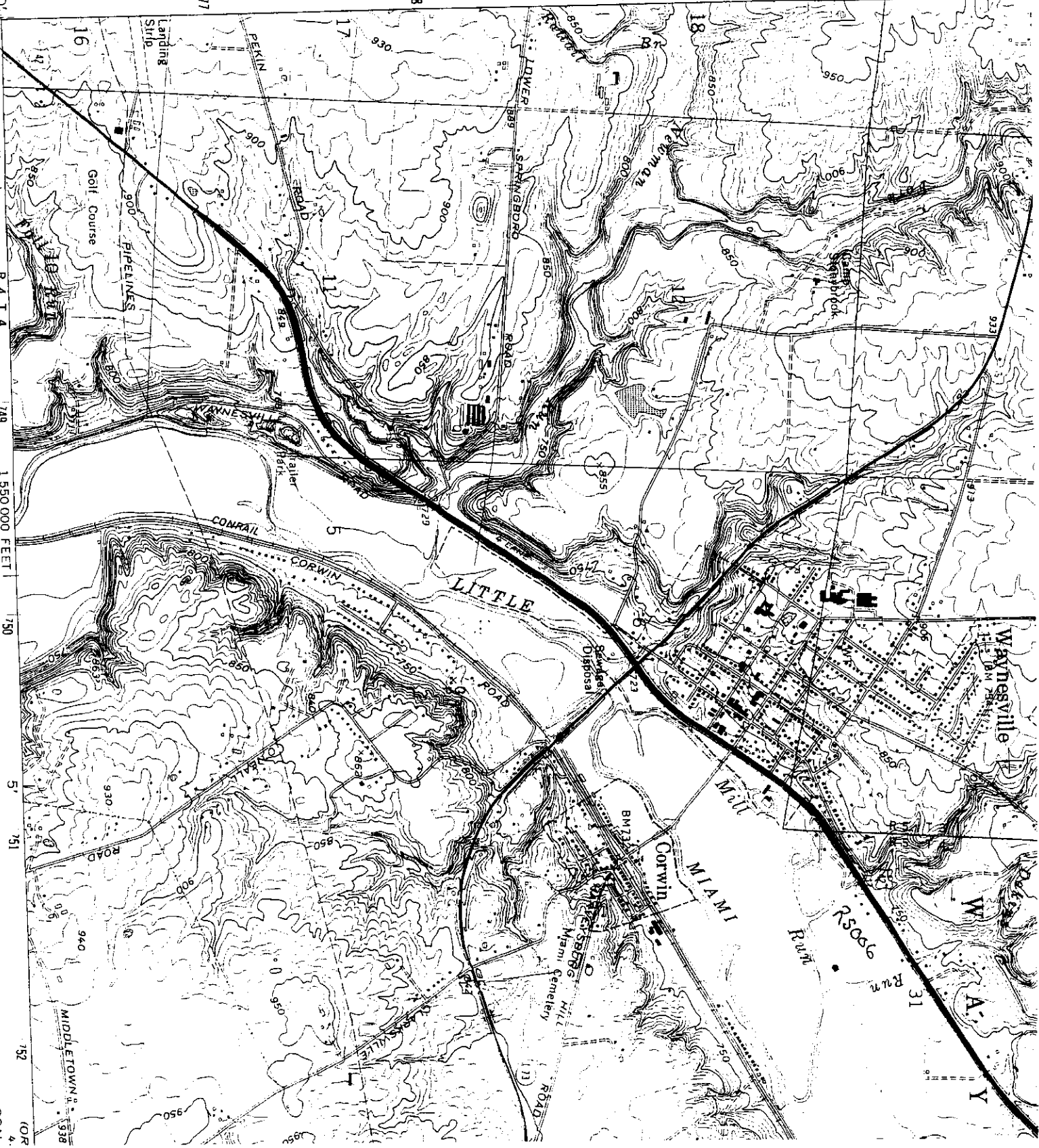
1750

5'

1751

1752

SCAL



Waynesville
 Middletown
 Miami Cemetery
 Corwin Mill
 Golf Course
 Landing Strip
 PIPELINES
 CONRAIL
 CORWIN ROAD
 LOWER SPRINGFIELD ROAD
 PEKIN CREEK
 R5006 Run
 R31 Run
 MIDDLETOWN
 1538
 (OR)
 4

1
 2
 3
 4

Variable Rate
- Step Test -

Flow Test Data

Customer: _____ Location: _____

Contractor: _____ Project Manager: _____

Foreman: _____ Date Test Started: 9-3-02 Completed: 9-3-02

Well: _____ dia., _____ depth, _____ screen dia./length, _____ slot size, _____ static

Orifice size: _____, Water discharged _____ feet from well, into _____

Time of Day	Elapsed Time	GPM	Pumping Level	Drawdown	Remarks
11:30 am	0	0	9.67'	0	Static
	1	278			
	2	278			
	3	278			
	4	278			
	5	278			
	7	278			
	9	278	23.46'	13.79'	
	11	278			
	15	278	23.73'	14.06'	
	20	278	23.71'	14.04'	
	25	278	23.71'	14.04'	
	30	278	23.67'	14.00'	
	35	278	23.67'	14.00'	
	40	278	23.58'	13.91'	
	45	278	23.67'	14.00'	
	50	278	23.67'	14.00'	
	60	384	29.02'	19.35'	
	70	384	29.29'	19.62'	
	80	384	29.37'	19.70'	
	90	384	29.37'	19.70'	

RECEIVED

OCT 28 2002

ODNR/DIVISION OF WATER
WATER RESOURCES SECTION

Time of Day	Elapsed Time	GPM	Pumping Level	Drawdown	Remarks
	100	384	29.37'	19.70'	
	120	482	32.46'	22.79'	
	150	482	32.73'	23.06'	
	180	482	32.56'	22.89'	
	210				
	240				
	270				
	300				
	330				
	360				
	390				
	420				
	450				
	480				
	540				
	600				
	660				
	720				
	840				
	960				
	1080				
	1200				
	1320				
	1440				

Flow Test Data

Customer: Village of Waynesville Location: Well # 6

Contractor: Reynolds, Inc. Project Manager: Ron Alexander

Foreman: B. Oliver Date Test Started: 9-4-02 Completed: 9-5-02

Well: 12" dia., 50' depth, 12" screen dia./length, 20' slot size, .035 static 9.40'

Orifice size: 6"x5" Water discharged 900 feet from well, into Drainage Swale

9/4/02

Time of Day	Elapsed Time	GPM	Pumping Level	Drawdown	Remarks
7:00 a.m.	0	0		0	Static
	1	457	29.27'	19.87'	Test Underway
	2	457	32.44'	23.04'	Valve Adjustment
	3	457	32.48'	23.08'	Valve Adjustment
	4	457	33.00'	23.60'	Valve Adjustment
	5	457	33.08'	23.68'	Valve Adjustment
	7	457	32.56'	23.16'	
	9	457	32.54'	23.14'	
	11	457	32.54'	23.14'	
	15	457	32.54'	23.14'	
	20	457	32.54'	23.14'	
	25	457	32.60'	23.20'	
	30	457	32.65'	23.25'	
	35	457	32.69'	23.29'	
	40	457	32.79'	23.39'	
	45	457	32.83'	23.43'	
	50	457	32.83'	23.43'	
8:00 a.m.	60	457	32.54'	23.14'	
	70	457	32.56'	23.16'	
	80	457	32.56'	23.16'	
8:30 a.m.	90	457	32.54'	23.14'	

RECEIVED
OCT 28 2002
 ODNR/DIVISION OF WATER
 WATER RESOURCES SECTION

Time of Day	Elapsed Time	GPM	Pumping Level	Drawdown	Remarks
8:40 a.m.	100	457	32.56'	23.16'	
9:00	120	457	32.96'	23.56'	
	150	457	32.54'	23.14'	Valve Adjustment
10:00	180	457	32.54'	23.14'	
	210	457	32.54'	23.14'	
11:00	240	457	32.67'	23.27'	
	270	457	32.52'	23.12'	
Noon	300	457	32.60'	23.20'	
	330	457	32.75'	23.35'	
1:00 p.m.	360	457	32.73'	23.33'	Valve Adjustment
	390	457	32.54'	23.14'	
2:00	420	457	32.58'	23.18'	
	450	457	32.56'	23.16'	
3:00	480	457	32.54'	23.14'	
4:00	540	457	32.73'	23.33'	
5:00	600	457	32.54'	23.14'	
6:00	660	457	32.75'	23.35'	
7:00	720	457	32.58'	23.18'	
9:00	840	457	32.67'	23.27'	
11:00	960	457	32.56'	23.16'	
1:00 a.m.	1080	457	32.56'	23.16'	
3:00	1200	457	32.56'	23.16'	
5:00	1320	457	32.56'	23.16'	
7:00 a.m.	1440	457	32.54'	23.14'	

7:40 1480 0

Pump Off

9/5/02

Recovery Readings

Time of Day	Elapsed Time	GPM	Pumping Level	Drawdown (Residual)	Remarks
9/5/02 7:40 a.m.	0	0			Pump Stopped
	1	0	12.83'	3.43'	
	2	0	10:10'	0.70'	
	3	0	9.88'	0.48'	
	4	0	9.79'	0.39'	
	5	0	9.54'	0.14'	
	10	0	9.85'	0.45'	
	15	0	9.92'	0.52'	
	20	0	9.96'	0.56'	
	25	0	9.81'	0.41'	
	30	0	9.81'	0.41'	
	45	0	9.75'	0.35'	
8:40	60	0	9.90'	0.50'	
	90	0	9.85'	0.45'	
9:40	120	0	9.85'	0.45'	
	150	0	9.88'	0.48'	
10:40	180	0	9.85'	0.45'	
11:40	240	0	9.85'	0.45'	

END OF SECTION