

MIDDLETON ASSOCIATES INCORPORATED

A/E PROJECT NO. 22000216

2017 ADDITION AND RENOVATION TO LINCOLN SCHOOL

MACOMB CUSD #185

CONTRACTOR QUESTIONS AND ANSWERS

September 7, 2017

UPDATED DAILY--www.middletonassociates.net

HERE is a continued list to post regarding answers to questions that may or may not become addendum items.

19. Question: Find attached well drill logs for the site of this project

LOG OF WATER WELL

Property owner Associated Dairymen Well No. _____

Drilled by Jennings & Son Year 1945

Formations passed through	Thick-ness	Depth of Bottom
Fill Co. # 417	3	3
Clay yellow	14	17
" Blue	28	45
" Blue	10	55
Sand & soft clay ^{Hard} _{runny}	30	90
Clay dark soft runny	60	150
Brown clay	12	162
Thin Hard Shell shelly to 178	16	178
Thin Sailed except Brines	226	404

[Continue on back if necessary]

Finished in Hard limestone at 178 to 404 ft.

Cased with 6 inch from 0 to 162 ft.

and _____ inch from _____ to _____ ft.

Permit Issued 6-25-45

Size hole below casing 6 inch. Static level from surf. 184 ft.

Tested capacity No test gal. per min. Temperature _____ °F.

Water lowered to ✓ ft. in ✓ hrs. min.

Length of test ✓ hrs. ✓ min. Screen ✓

SS. # 13426

Slot _____ Diam. _____ Length _____ Bottom set at _____ ft.

[Show location in Section Plat]

Township name Macomb Elev. _____ Sec. 32

Description of location City of Macomb Twp. 6N

Ill 2 Blks of Ice plant Rge. 2W

738-2M-7-22)

OWN Macomb

TOWNSHIP

MAP No. 7

COMPANY

2W

FARM Macomb Sewer Pipe Co.

AUTHORITY J. H. Millsam

6N

32
NWNW

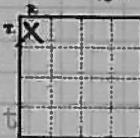
ELEVATION

HOLE No. 1 E. Plant

COLLECTOR W. C. Morse

DATE DRILLED Aug. - Sept

1914



No.	STRATA	THICKNESS		DEPTH	
		FEET	IN.	FEET	IN.
	Drift clay sand mixed	62		62	
	Sand	42		105	
	No bed rock				
	From record				

NO ENVELOPE

Town Macomb Township Macomb

R. 2W

Company Elam & Crouch

No.

T.

Farm Hemp & Company

No.

Authority Driller's Log Book

6

Elevation 700^LT.M.

N

Collector

Confidential

Date Drilled 1937

Sec.

32

SW cor. NW NW

No.	Co. # 419	Strata	Thickness		Depth	
			Feet	In.	Feet	In.
		Cinders filled in	4		4	
		Soil and yellow clay	31		35	
		Clay, blue	10		45	
		Clay, blue, sandy	45		90	
		Sand and gravel	40		130	
		Shale	45		175	
		Gravel and sand	5		180	
		Shale	10		190	
		Shale and lime shells	5		195	
		Shelly to 197', then solid	10		205	
		Lime	20		225	
		Lime; some water	5		230	
		Lime	60		290	
		Lime, white	10		300	
		Lime, white and blue	10		310	
		Lime; more water at 320'	10		320	
		Lime	15		335	
		Lime, white; more water at 340'	10		345	
		Lime	10		355	
		Lime; water in crevice at 365'	10		365	
		Lime	25		390	
		Lime, bottom of Mississippian lime	6		396	
		More water in crevice at 394'				
		Size of well: 10" to 132'				
		8" from 132' to 197'				
		6" from 197' to 396'				



COMPANY Elam & Crouch

HOLE NO.

FARM Hemp & Co.

HOLE NO.

No.	Strata	Thickness		Depth	
		Feet	In.	Feet	In.
	Casing record: 8" casing to 132' 6" casing to 197' Water at 230', 320', and 340' with main supply at 365' and 394' Yield: 30 g.p.m.) Static level 75' from top) August 26, 1937 Drawdown 60') S.S. # 2272				
	NO ENVELOPE				

THERMAL CONDUCTIVITY TEST PERFORMED AT THE FOLLOWING LOCATION:

MACOMB JR - SR HIGH By: ROSS Date: 8-27-10

Physical Address 1525 S JOHNSON ST City: MACOMB State: IL Zip: _____

GPS Location: _____

Date and time Test Rig hooked up: 8-24-10 12:15 PM

Date and time Test Rig ended: 8-26-10 10:15 AM

Test Bore Data

Date and time vertical bore started: 8-16-2010

Date and time vertical bore ended: 8-16 2010

Bore diameter: 5"

U-bend size: 1" x 300'

Grout type used: BAROTERM

Grouted portion explained: 5:1 SILICA SAND TO BAROTERM

Type of Drilling Rig Model used for bore: VERSA DRILL - ROTARY MUD

1'-120' RED CLAY
120'-140' SANDY HARD GRAY CLAY
140'-150' BLACK OILY SHALE
150'-165' HARD SHALE
165'-180' SOLID LIMESTONE
180'-220' SHALE
220'-300' LIMESTONE

Drilling Log Provided : CHUCK DEPALMA, DRILL OPERATOR
With name of person who supervised the test bore drilling.