

ILLINOIS STATE GEOLOGICAL SURVEY

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Water Well	Top	Bottom
sand; gravel	0	6
clay	6	38
clay & gravel	38	50
hardpan	50	60
no log	60	70
hardpan	70	80
lime	80	385
lime, brown	385	392
lime	392	412
lime, dark	412	422
shale	422	424
lime	424	434
shale & lime	434	445
shale	445	456
lime & shale	456	470
shale	470	480
shale & lime	480	520
shale	520	531
lime	531	534
shale	534	535
lime	535	538
shale; hole caving 550'-584'	538	588
lime	588	590
lime, extremely hard	590	598
lime, brown, hole caving	598	603
limestone, hole caving	603	613
limestone	613	627
lime, brown	627	650
lime	650	700
lime, brown	700	731
lime	731	743

Permit Date:

Permit #:

COMPANY Thorne, W. L. Co.

FARM Wieboldts Store

DATE DRILLED January 1, 1937

NO.

ELEVATION 631' TM

COUNTY NO. 02774

LOCATION 2300'N line, 90'E line of

LATITUDE 41.887833

LONGITUDE -87.805332

COUNTY Cook

API# 1203102774 00

12-39N-12E

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lime, brown	743	755
lime; hole bad	755	760
lime	760	820
lime, brown	820	853
lime, hard, fine	853	861
lime, brown	861	901
sand	901	1096
sand, sharp	1096	1100
sand	1100	1113
sand, sharp	1113	1120
sand	1120	1140
sand & lime	1140	1146
limestone	1146	1152
lime, sandy	1152	1177
lime, very fine & hard	1177	1182
lime, sandy	1182	1186
lime, & sandy shale	1186	1189
shale, sand, lime, & boulders	1189	1194
shale, sand, lime	1194	1200
lime, sandy & shale	1200	1205
lime, sandy	1205	1208
lime, sandy & shale	1208	1213
lime	1213	1241
red rock	1241	1242
lime	1242	1259
lime, sandy, caving 1275'-1290'	1259	1291
lime	1291	1297
shale & lime	1297	1328
crevices with shale	1328	1337
sand & shale	1337	1341
shale	1341	1350
shale & sand	1350	1355
lime with shale seams	1355	1363

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lime	1363	1373
sand lime	1373	1380
lime	1380	1386
shale & lime	1386	1397
sand lime	1397	1407
sand	1407	1413
lime, sandy	1413	1422
sand	1422	1427
lime, sand	1427	1429
sand	1429	1430
lime, sandy	1430	1433
sand	1433	1481
sand, shale	1481	1487
sand	1487	1496
sand, shale	1496	1502
sand	1502	1508
sand, shale	1508	1512
sand	1512	1543
sand & lime	1543	1547
sand	1547	1556
sand & lime	1556	1561
sand	1561	1598
sand & shale	1598	1606
sand	1606	1609
sand lime	1609	1614
sand & shale	1614	1620
Silurian	80	
Maquoketa	422	
Galena	588	
St Peter	917	
Ironton	1397	
Eau Claire	1614	

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Description by: E. C. Cockrum **on** 1/1/1942

Description	Top	Bottom
"Sand and gravel"	0.0	6.0
"Clay" (till)	6.0	80.0
"Lime" (dolomite)	80.0	100.0
Dolomite, cherty, light gray/buff	100.0	225.0
Dolomite, light buff/light gray	225.0	280.0
Dolomite, partly cherty, gray, pink	280.0	335.0
Dolomite, partly cherty, light gray	335.0	385.0
Dolomite, clayey, dark grayish brown	385.0	412.0
Dolomite, clayey; shale, brown	412.0	422.0
Siltstone grading to shale, green	422.0	434.0
Shale, silty, dolomitic, greenish gray	434.0	450.0
Dolomite, argillaceous, gray	450.0	470.0
Shale, silty, greenish gray	470.0	485.0
Dolomite, gray to brown	485.0	500.0
Shale, greenish gray	500.0	588.0
Dolomite, buff to brown	588.0	775.0
Dolomite, gray to buff	775.0	800.0
Dolomite, gray	800.0	820.0
Dolomite, buff to brown	820.0	830.0
Dolomite, gray/buff, very fine	830.0	840.0
Limestone, dolomitic, gray/buff	840.0	860.0
Dolomite, dark gray/buff	860.0	905.0
Dolomite, partly sandy, buff	905.0	909.0
Dolomite, sandy, gray	909.0	918.0

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Sandstone, white, fine/coarse	918.0	1140.0
Conglomerate; sandstone, chert, shale	1140.0	1146.0
Dolomite, cherty, buff, fine	1146.0	1150.0
Dolomite, cherty, gray	1150.0	1182.0
"Lime and shale, sandy"	1182.0	1200.0
Dolomite, gray to pink	1200.0	1235.0
dolomite, sandy, gray to pink	1235.0	1265.0
Dolomite, pink, fine	1265.0	1270.0
"Lime, sandy"	1270.0	1291.0
"Lime"	1291.0	1297.0
Shale, silty, gray	1297.0	1310.0
Dolomite, siliceous, light gray	1310.0	1320.0
"Shale, lime and crevices"	1320.0	1335.0
Shale, sandy, glauconitic, green	1335.0	1350.0
Sandsotne, glauconitic, green, fine	1350.0	1355.0
Shale, sandy, glauconitic, green	1355.0	1397.0
"Sandy lime"	1397.0	1407.0
Sandstone, glauconitic, grayish green	1407.0	1415.0
dolomite and shale, sandy, glauconitic	1415.0	1429.0
Sandstone, dolomitic, grading to dolomite	1429.0	1445.0
Sandstone, fine/coarse, incoherent	1445.0	1455.0
"Sand"	1455.0	1481.0
"Sand and shale"	1481.0	1512.0
"Sand"	1512.0	1543.0
"Sand and lime"	1543.0	1561.0
"Sand"	1561.0	1598.0
"Sand and shale"	1598.0	1609.0

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"Sandy lime, sand and shale"	1609.0	1620.0
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Total Depth **1620**

Casing: 12" from 400' to 540'

Driller's Log filed.

Sample set # 2048 100' - 1455' Received: 3/3/1937

Address of well: West Lake & Harlem Ave.

Location source: Location from the driller

Verified by: VJA on 2/12/2024

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