FORM 9-1642  
(1-68)  
WELL SCHEDULE  
U.S. DEPT. OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION  

MASTER CARD  
Record by:  U.S.  
Source of data:  Boyle  
Date:  Nov. 11, 1969  
Map  

State:  Illinois  
County:  218  
Township:  40  
Range:  41  
Section:  44  

Latitude:  32° 45' 33" N  
Longitude:  89° 44' 13" W  
Sequential number:  1  

Local number:  1606  
Other number:  B & M  

Owner or name:  W. Hutchison  
Address:  Carthage  

Ownership:  (A) County, (B) City, (C) Corp or Co, (D) Private, (E) State Agency, (F) Water Dist  


DATA AVAILABLE:  Well data  
Freq. W/L meas:  
Field aquifer chart:  

Hyd. lab. data:  
Qual. water data:  

Freq. sampling:  
Pumpage inventory:  
no, period:  

Aperture cards:  
yes  

Log data:  

WELL-DESCRIPTION CARD  
SAME AS ON MASTER CARD  

Depth well:  146  
Casing  
Depth cased:  
Type:  42  

Finish:  (C) Porous, (D) W. Gravel, (E) Built, (F) Open perf., (G) Screen, (H) Sl. pt., (I) Shored, (J) Open hole, (K) Concrete, (L) Perf., (M) Screen, (N) Gallery, (O) End  

Method:  (A) Drilled, (B) Cased, (C) Beam, (D) Borehole, (E) Hyd. jetted, (F) Reverse trenching, (G) Drive rot, (H) Percussion, (I) Rotary, (J) Wash, (K) Other  

Drilled:  9/6/69  
Pump intake setting:  

Driller:  

Lift:  (A) Air, (B) Bucket, (C) Cent, (D) Jet, (E) Cent., (F) Turb.  

Power:  nat, (L) LP  

Descrip. NP:  above  

Alt. LSD:  22  
Water level:  above  

Date:  9/6/69  
Yield:  

QUALITY OF WATER DATA:  
Iron:  ppm  
Sulfate:  ppm  
Chloride:  ppm  
Hard:  ppm  

Sp. Conduct:  K x 10  
Temp:  
Date sampled:  

Taste, color, etc.
Well No. E8

Latitude-longitude: N D M S

Drainage Basin: D

Subbasin: 1:3:7

Physiographic Province: D

Section: 0:3

Topo of well site:

- depression, stream channel, dunes, flat, hilltop, sink, swamp.
- offshore, pediment, hillside, terrace, undulating, valley flat

Major Aquifer:

- system: T
- series: C; D
- aquifer, formation, group: 2

Lithology:

- Length of well open to: 1 ft
- Origin: 1 ft
- Depth to top of: 3 ft
- Thickness: 2 ft

Minor Aquifer:

- system: 1
- series: 2
- aquifer, formation, group: 2

Lithology:

- Length of well open to: 1 ft
- Origin: 1 ft
- Depth to top of: 3 ft
- Thickness: 2 ft

Intervals screened: 42 - 46 ft

Depth to consolidated rock: 40 ft

Depth to basement: 43 ft

Surficial material:

- Infiltration characteristics:

Coefficient:

- Trans: gpd/ft²
- Storage: gpm/ft

Coefficient:

- Perm: gpd/ft²; Spec cap: gpm/ft; Number of geologic cards: 0

GPO 537-142