

IOWA STATE DEPARTMENT OF HEALTH
DIVISION OF PUBLIC HEALTH ENGINEERING AND INDUSTRIAL HYGIENE

GROUND WATER

Town Crawfordsville County Washington Date February 1 1949
WELL NO. South Active X Standby _____ Abandoned _____ Replaced by No. _____
LOCATION: Street Main Sec. 15 T. 74 N.R. 6 East-West _____
Lot _____ Block _____ Township Crawford
OWNERSHIP Town of Crawfordsville Date Installed _____ 1941
CONTRACTOR D. Edwards Address West Branch
DATE RECONDITIONED _____ 19 _____ Contractor _____ Address _____
CONSTRUCTION EMPLOYED: Drilled to depth of 206 feet. Ten inch hole drilled to depth of 141 feet 10 inches. Rock was encountered at 91 feet. Casing cemented in rock. Below casing is 8 inch hole.
CURB ELEVATION 737 REFERENCE _____
TYPE OF CONSTRUCTION Drilled Depth 250 ft. Diameter 8" in.
CASING: Material Steel, 25 lbs. 1ft Condition _____
SCREEN: Material None Length _____ ft. Diameter _____ in. Slot Opening _____ in.
WELL SEALED yes How pump base tight Approved yes
WELL VENTED yes How Vent out pump base Approved yes
TYPE OF PUMP Turbine Make Peerles Capacity 12 GPM Lubricated _____
DEPTH TO CYLINDER 180' of 2 1/2" column _____ ft. Tail Pipe _____ ft.
PUMP CONTROL: Manual X Automatic _____ Semi-Automatic _____
STATIC LEVEL 90 ft. Pumping Level _____ ft. Drawdown _____ ft.
OPTIMUM SPECIFIC YIELD 14-15 GPM Drawdown 8 ft. Time _____ hrs.
RATE OF DRAWDOWN _____ Rate of Recovery _____
TEMPERATURE OF WATER _____ °F Where Measured _____ Temp. of Atmosphere _____ °F
DRAWDOWN GAUGE INSTALLED No
TOPOGRAPHICAL POSITION OF WELL Level high ground, good surface drainage
WELL SITE INVESTIGATED Yes Approved No Why not Septic tank
WELL CONSTRUCTION REVIEWED Yes Approved Yes Why not _____
PIT CONSTRUCTION: Purpose None Size and Description _____
CONDITION: _____ Drainage Facilities _____
PUMP INSTALLATION: Approved Yes Why Not _____
CUTTINGS FROM WELL PRESERVED: Yes Where Iowa Geological Survey
DEPTH TO BED ROCK 91 ft. Depth to Water-bearing Stratum _____
SOURCE OF WATER: Principal Formation _____ Other _____
167' to 184'

Formation	Material and distance from surface in ft.	Series	Position, kind and extent of casing, liners, shoes, etc.	Scale: Horizontal 1" = 1' Vertical 1" = 5'	Position of seals, screens, static level, etc.
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0

8" casing from
0' - 141' - 10"

clay

Gravel

Pleistocene

Limestone

140

Mississippian

Burlington

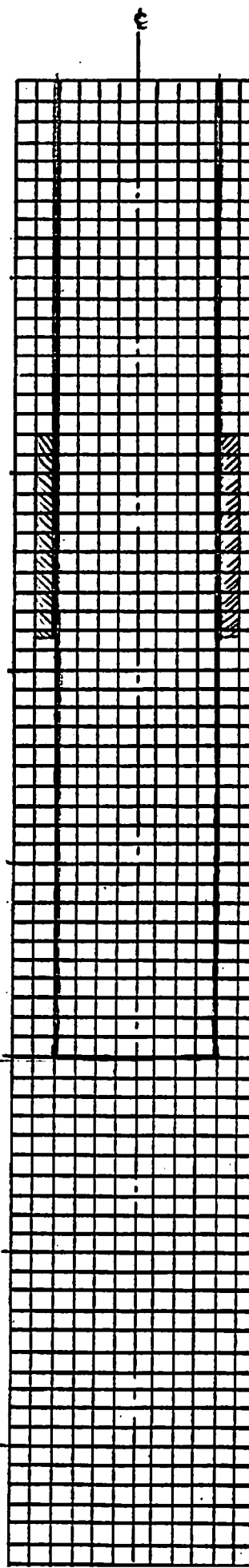
195

Wassonville

223

English
River

250



9" Cement seal

141' - 10"

Open 8" hole