

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

GROUND WATER

Town Durant County Cedar Date 5-15 19 42
WELL NO. "688" Active ☐ Standby ☒ Abandoned ☐ Replaced by No. _____
LOCATION: Street W. 4th Sec. 10 T. 79 N.R. 1 East: West
Lot 1st Block _____ Township Hamington
OWNERSHIP Durant Date Installed 1896

CONTRACTOR _____ Address _____

DATE RECONDITIONED _____ 19 _____ Contractor _____ Address _____

CONSTRUCTION EMPLOYED: _____

CURB ELEVATION _____ REFERENCE _____

TYPE OF CONSTRUCTION Aug Depth 53 ft. Diameter 7 ^{ft.}_{in}

CASING: Material Brick Condition Good

SCREEN: Material None Length _____ ft. Diameter _____ in. Slot Opening _____ in.

WELL SEALED yes How concrete cover Approved yes (in part)

WELL VENTED yes How screened pipe + hole in cover Approved yes ("")

TYPE OF PUMP Self Make _____ Capacity 50 GPM Lubricated Oil

DEPTH TO CYLINDER _____ ft. Tail Pipe _____ ft.

PUMP CONTROL: Manual ☒ Automatic ☐ Semi-Automatic ☐

STATIC LEVEL 48' - 6" ft. Pumping Level _____ ft. Drawdown _____ ft.

OPTIMUM SPECIFIC YIELD _____ GPM Drawdown _____ ft. Time _____ hrs.

RATE OF DRAWDOWN _____ Rate of Recovery _____

TEMPERATURE OF WATER 52 °F Where Measured at pump Temp. of Atmosphere 50 °F

DRAWDOWN GAUGE INSTALLED no

TOPOGRAPHICAL POSITION OF WELL High level ground - slope to south

WELL SITE INVESTIGATED yes (5-12-42) Approved yes Why not _____

WELL CONSTRUCTION REVIEWED yes ("") Approved yes (in part) Why not _____

PIT CONSTRUCTION: Purpose none Size and Description _____

CONDITION: _____ Drainage Facilities _____

PUMP INSTALLATION: Approved yes (in part) Why Not _____

CUTTINGS FROM WELL PRESERVED: no Where _____

DEPTH TO BED ROCK _____ Depth to Water-bearing Stratum _____

SOURCE OF WATER: Principal Formation _____ Other _____

GEOLOGICAL DATA			CASING DATA	WELL DATA	
Formation	Material and distance from surface in ft.	Series	Position, kind and extent of casing, liners, shoes, etc.	Scale: Horizontal _____ Vertical _____	Position of seals, screens, static level, etc.

0'-29'
Drift

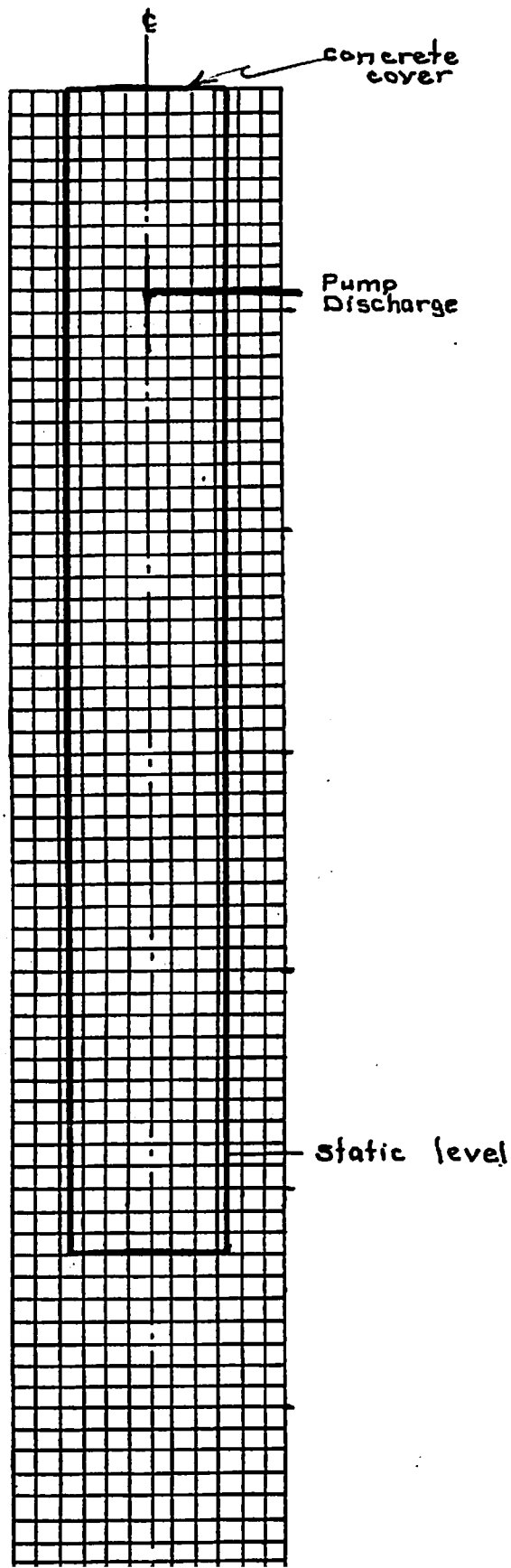
Brick walls

29'-51'
Coarse sand
& gravel

51'-54'
sand

54'-66'
Yellow clay

66'-69'
sand & gravel



Drift

Brick walls

29'-51'
Coarse sand
& gravel

51'-54'
sand

54'-66'
Yellow clay

66'-69'
sand & gravel

69'-79'
Yellow &
red clay

79'-91'
Blue clay

Taken from log
of test hole
35' north
dug well.

Pump
Discharge

Static level

