

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

GROUND WATER

Town Everly County Clay Date March 23 19 44
WELL NO. 1 Active X Standby _____ Abandoned _____ Replaced by No. _____
LOCATION: Street _____ Sec. _____ T. _____ N.R. _____ East: West _____
Lot _____ Block _____ Township _____
OWNERSHIP Municipal Date Installed _____ 19 21
CONTRACTOR Carter Constr.Co., Buell Engineer Address Sioux City, Iowa
DATE RECONDITIONED None 19 _____ Contractor _____ Address _____
CONSTRUCTION EMPLOYED: Dug well
Concrete casing, 1 inch thick - concrete cover 18 inches above original ground.
CURB ELEVATION _____ REFERENCE _____
TYPE OF CONSTRUCTION Dug - solid concrete casing Depth 23 ft. approx. 16 ft.
CASING: Material Conc. Condition Good ft. Diameter 12 in.
SCREEN: Material _____ Length _____ ft. Diameter _____ in. Slot Opening _____ in.
WELL SEALED Yes How Concrete cover Approved Yes
WELL VENTED Yes How Two - standard vents Approved Yes
TYPE OF PUMP Centrifugal Make Douden (?) Capacity 150 GPM Lubricated Oil
DEPTH TO CYLINDER Suction _____ ft. Tail Pipe _____ ft.
PUMP CONTROL: Manual X Automatic _____ Semi-Automatic _____
STATIC LEVEL 12 ft. Pumping Level 135 ft. Drawdown 15 ft.
OPTIMUM SPECIFIC YIELD 20,000 per hr. GPM Drawdown _____ ft. Time _____ hrs.
RATE OF DRAWDOWN Slow Rate of Recovery Fast
TEMPERATURE OF WATER _____ °F Where Measured _____ Temp. of Atmosphere _____ °F
DRAWDOWN GAUGE INSTALLED No
TOPOGRAPHICAL POSITION OF WELL Flat
WELL SITE INVESTIGATED _____ Approved _____ Why not _____
WELL CONSTRUCTION REVIEWED _____ Approved _____ Why not _____
PIT CONSTRUCTION: Purpose _____ Size and Description _____
CONDITION: _____ Drainage Facilities _____
PUMP INSTALLATION: Approved _____ Why Not _____
CUTTINGS FROM WELL PRESERVED: _____ Where _____
DEPTH TO BED ROCK _____ Depth to Water-bearing Stratum Heavy gravel, good at 6 ft., Heavy Gravel below
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 Ground Etc

6 Sand

Sand
+
Heavy
Gravel.

23.5 Heavy
Gravel.

