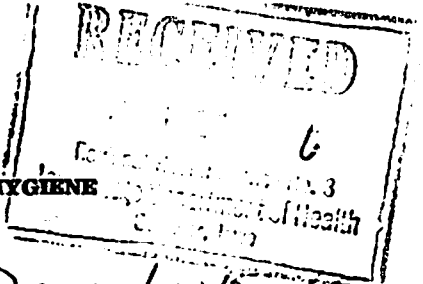


#1 (1983)

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



GROUND WATER

Town Boydton, Iowa County Sioux Date December 15, 1965

WELL NO. 3 Active  Standby  Abandoned  Replaced by No.         

LOCATION: Street 4 1/2 miles north Sec. 1 T. 97 N.R. 44 East: West

of Boydton adjacent to road on  
the east side of County Paved Road Lot 1/4" Block          Township Shenandoah

OWNERSHIP M. W. ... Date Installed October 1962

CONTRACTOR Layne Western Co. Address Omaha, Nebraska

DATE RECONDITIONED          19          Contractor          Address         

CONSTRUCTION EMPLOYED:         

CURB ELEVATION          REFERENCE         

TYPE OF CONSTRUCTION Bored - Gravel Packed - 30" d Depth 36 ft Diameter 12" in.

CASING: Material Steel pipe Condition New

SCREEN: Material Stainless Steel Length 8 ft. Diameter 12 in. Slot Opening          in.

WELL SEALED Yes How Concrete Approved         

WELL VENTED Yes How Vent Holes in pump base Approved         

TYPE OF PUMP Sturbine Make Layne Capacity 190 GPM Lubricated water

DEPTH TO CYLINDER          ft. Tail Pipe          ft.

PUMP CONTROL: Manual          Automatic  Semi-Automatic         

STATIC LEVEL 6' ft ft. Pumping Level 16' ft ft. Drawdown 10' ft. ft.

OPTIMUM SPECIFIC YIELD 203 GPM Drawdown 12 ft. Time 4 hrs. hrs.

RATE OF DRAWDOWN          Rate of Recovery 7'-0" in 5 minute

TEMPERATURE OF WATER          °F Where Measured          Temp. of Atmosphere          °F

DRAWDOWN GAUGE INSTALLED In pump base Yes

TOPOGRAPHICAL POSITION OF WELL         

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         

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.

Black soil

Clay

Coarse sand  $\frac{1}{2}$  gravel (crusted)

Coarse sand  $\frac{1}{2}$  gravel

Coarse sand  $\frac{1}{2}$  gravel (clay balls)

Coarse sand  $\frac{1}{2}$  gravel (clean)

Coarse sand  $\frac{1}{2}$  gravel (full of small boulders)

