

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

GROUND WATER

Town OYENS County PLYMOUTH Date SEPT 18 1953
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 4-12 1953
CONTRACTOR GUS PECH FOUNDRY CO Address LE MARS, IA
DATE RECONDITIONED 19 Contractor Address
CONSTRUCTION EMPLOYED: DRILLED
CURB ELEVATION REFERENCE
TYPE OF CONSTRUCTION DRILLED Depth 215 ft. Diameter 8 in.
CASING: Material Steel Condition Good
SCREEN: Material Steel (Perforated) Length 21 ft. Diameter 6 in. Slot Opening in.
WELL SEALED YES How Approved
WELL VENTED YES How Submersible Redox-Unit Approved
TYPE OF PUMP Turbine Make Capacity 250 GPM Lubricated Water
DEPTH TO CYLINDER 115 ft. Tail Pipe ft.
PUMP CONTROL: Manual Automatic X Semi-Automatic
STATIC LEVEL 70 ft. Pumping Level ft. Drawdown Very little @ 100 GPM ft.
OPTIMUM SPECIFIC YIELD GPM Drawdown 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
WELL SITE INVESTIGATED YES Approved YES Why not
WELL CONSTRUCTION REVIEWED Approved Why not
PIT CONSTRUCTION: Purpose None Size and Description
CONDITION: Drainage Facilities
PUMP INSTALLATION: Approved YES Why Not
CUTTINGS FROM WELL PRESERVED: Where
DEPTH TO BED ROCK Depth to Water-bearing Stratum
SOURCE OF WATER: Principal Formation S. 1st & 2nd 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.

yellow CLAY	0 - 15
GRAVEL	15 - 20
BLUE CLAY	20 - 40
Sand & GRAVEL	40 - 60
BLUE CLAY	60 - 85
FINE SAND	85 - 191
SANDSTONE	191 - 215

