

| GEOLOGICAL DATA | | CASING DATA | | WELL DATA | |
|-----------------|---|--|--|---|--|
| Formation | Material and distance from surface in ft. | Position, kind and extent of casing, liners, shoes, etc. | Scale: Horizontal $\square = 1''$ Vertical $\square = 4''$ | Position of each screen, static level, etc. | |

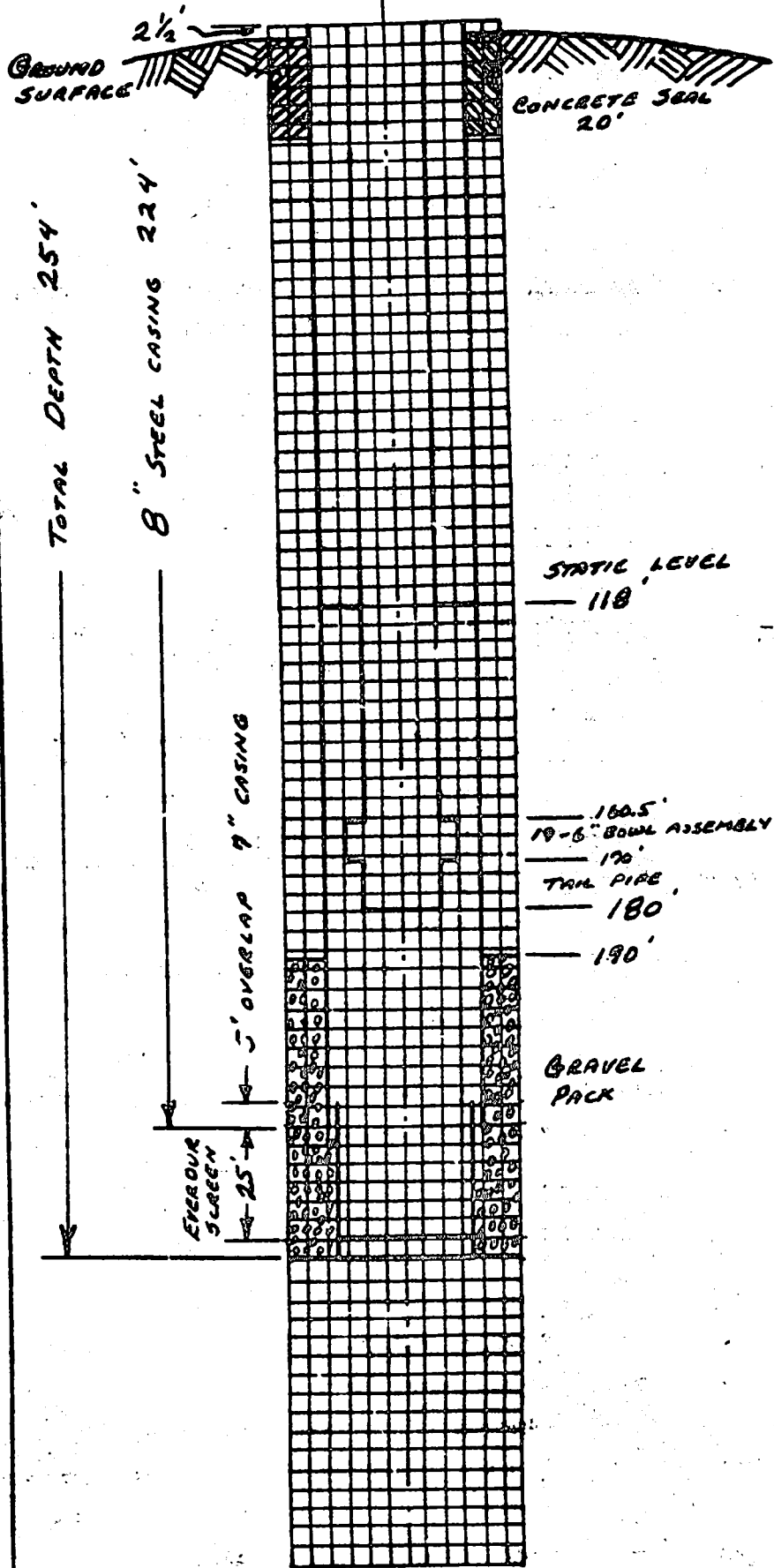
1-4' BLACK SOIL

4'-30' LIGHT BLUE CLAY

30'-100' SANDY YELLOW CLAY

100'-220' BLUE CLAY & SAND STRAKS

220'-254' SAND & GRAVEL



STATIC LEVEL
— 118'

— 160.5'
19-6" DOWN ASSEMBLY
— 170'
TAP PIPE
— 180'
— 190'

GRAVEL PACK

GROUND WATER

Town HUXLEY County STORY Date Nov. 2, 1948

WELL NO. 2 Active Standby Abandoned Replaced by No. _____

LOCATION: Street FIRST STREET Sec _____ T _____ N.R. _____ Esst: West _____

BETWEEN HIGHWAY 69 & MAIN STREET ON SOUTH SIDE Lot _____ Block _____ Township _____

OWNERSHIP TOWN D&S Installed OCT 16 1948

CONTRACTOR THORPE WELL CO. Address DEX MAINES

DATE RECONDITIONED _____ 19 _____ Contractor _____ Address _____

CONSTRUCTION EMPLOYED: _____

CURB ELEVATION 1030-35 REFERENCE MINERAL ANALYSIS UNDER GROUND WATERS

TYPE OF CONSTRUCTION GRAVEL PACK Depth 254 ft. Diameter 8 in.

CASING: Material STEEL Condition NEW

SCREEN: Material EVERDUR SCREEN Length 25 ft. Diameter 7 in. Slot Opening 1/8 in.

WELL SEALED YES How CONCRETE TOP 20' Approved YES

WELL VENTED YES How 1/2" DOWN TURNED EN SCREENED TO Approved YES

TYPE OF PUMP TURBINE Make POMONA Capacity 120 GPM Lubricated WATER

DEPTH TO CYLINDER 160' 19 STAGE 6" BOWL ASSEMBLY ft. Tail Pipe _____ ft.

PUMP CONTROL: Manual Automatic Semi-Automatic

STATIC LEVEL 118 ft. Pumping Level _____ ft. Drawdown _____ 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 UPLAND FLOW

WELL SITE INVESTIGATED YES Approved YES Why not _____

WELL CONSTRUCTION REVIEWED No Approved APPEARS OK Why not _____

PIT CONSTRUCTION: Purpose _____ Site and Description _____

CONDITION: _____ Drainage Facilities _____

PUMP INSTALLATION: Approved APPEARS OK Why Not _____

CUTTINGS FROM WELL PRESERVED: _____ Where _____

DEPTH TO BED ROCK _____ Depth to Water-bearing Stratum 220

SOURCE OF WATER: Principal Formation _____ Other _____

PROBABLY ARTESIAN & NEBRASKAN

Total Hardness _____ ppm. Total Iron _____ ppm. Sulfates _____ ppm. Fluorine _____ ppm.

Manganese _____ ppm. pH _____ CO₂ _____ ppm.

REMARKS: _____