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

GROUND WATER

Town Deloit County Crawford Date April 4, 19 51

WELL NO. 3 (new) Active yes Standby Abandoned Replaced by No.

LOCATION: Street 40' northwest of existing pumphouse Sec. T. Milford N.R. East: West

Lot Block Township Milford

OWNERSHIP Municipal Date Installed June 19 50

CONTRACTOR Rasmussen Well Co. Address Mapleton, Iowa

DATE RECONDITIONED --- 19 Contractor Address

CONSTRUCTION EMPLOYED: 6" outer casing drilled to a depth of 56'6", having an additional 6' of screen below bottom of casing -- Top of casing terminates at a point 5'6" below original ground level -- Screw cap on top of casing equipped with nipples for the connection of two jet pipes -- This cap reported as being watertight.

CURB ELEVATION 5'6" REFERENCE Below original ground line (no pit)

TYPE OF CONSTRUCTION Drilled Total Depth 62.5 ft. Diameter 6 in.

CASING: Material Believed to be steel Condition New

SCREEN: Material not known Length 6 ft. Diameter 6 in. Slot Opening ? in.

WELL SEALED Yes How By screw cap fitted with drop pipe connections Approved Yes

WELL VENTED Partially How Through jet type suction Approved Yes

TYPE OF PUMP Jet Make Jacuzzi Capacity 30 GPM Lubricated Water

DEPTH TO ~~CYLINDER~~ JET 20 ± ft. Tail Pipe 20 ± ft.

PUMP CONTROL: Manual Yes Automatic Semi-Automatic

STATIC LEVEL 27 to 30 ft. Pumping Level 27 to 30 ft. Drawdown 0 ft.

OPTIMUM SPECIFIC YIELD ? GPM Drawdown ft. Time hrs.

RATE OF DRAWDOWN None reported Rate of Recovery

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

DRAWDOWN GAUGE INSTALLED None

TOPOGRAPHICAL POSITION OF WELL Lowland -- in Boyer river valley

WELL SITE INVESTIGATED No Approved Why not Depending on quality of samples

WELL CONSTRUCTION REVIEWED No Approved Why not

PIT CONSTRUCTION: Purpose None Size and Description

CONDITION: Drainage Facilities

PUMP INSTALLATION: Approved Yes Why Not

CUTTINGS FROM WELL PRESERVED: No Where

DEPTH TO BED ROCK None Depth to Water-bearing Stratum 60' -- sand and gravel

SOURCE OF WATER: Principal Formation Sand and gravel Other

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

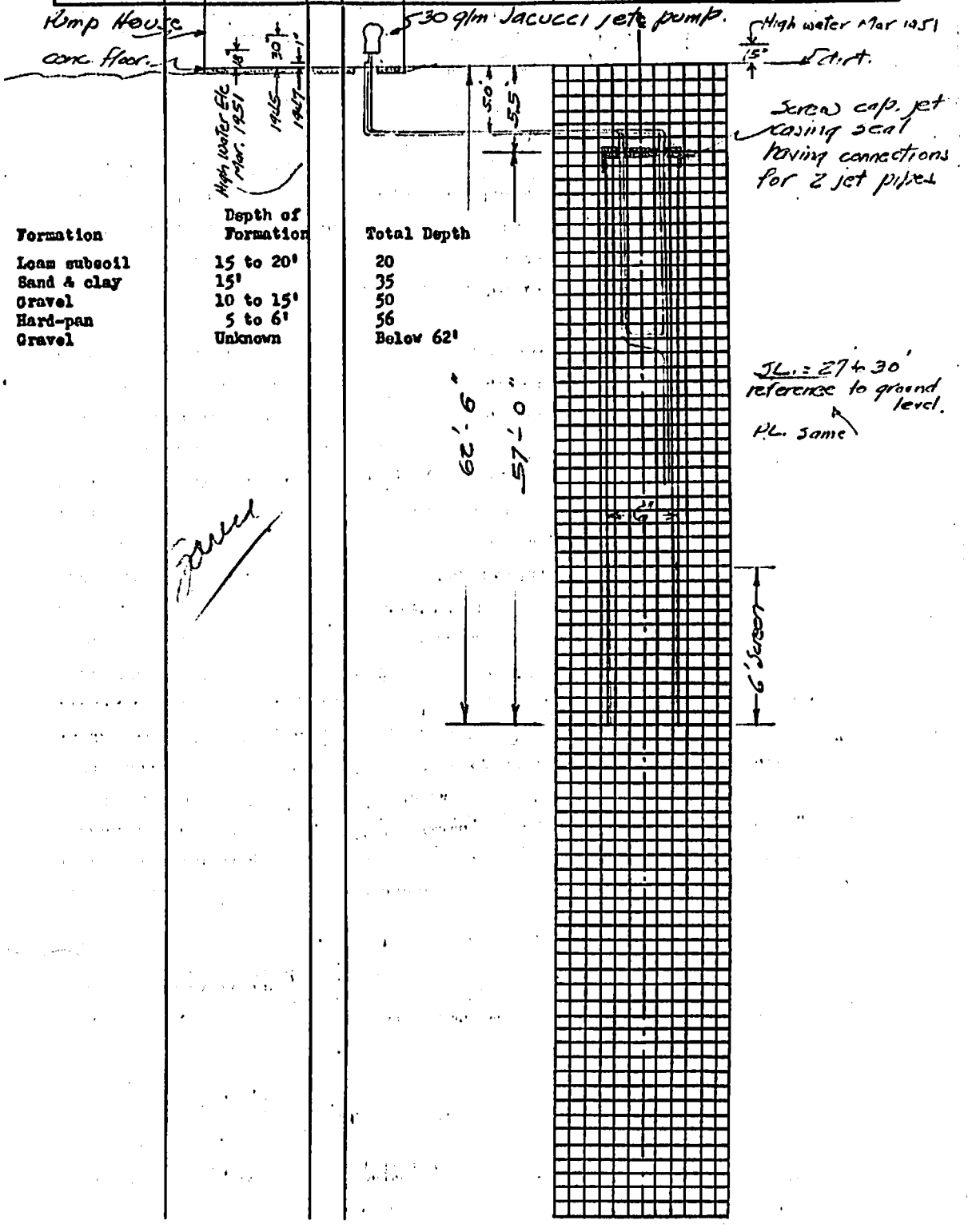
Manganese ppm. pH CO₂ ppm.

REMARKS: Old 52', 2" dia. sandpoint well located just south of pumphouse and operated by Demming displacement pump not being used -- New well represented by data above is present sole source of supply.

Jan. 54: No changes or repairs on this well or pump since initial installation in Jan. 1950

No high water [illegible]
Shaw Well [illegible]

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



Formation	Depth of Formation	Total Depth
Loam subsoil	15 to 20'	20
Sand & clay	15'	35
Gravel	10 to 15'	50
Hard-pan	5 to 6'	56
Gravel	Unknown	Below 62'