Town Livermore County Humboldt Date March 5 19 68

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

LOCATION: Street Alley between 4 & 5 Ave. & 4 & 5 St. Sec. 17 T. 93 N.R. 28 M.D.M. East: West

Lot Block Township

OWNERSHIP Livermore Date Installed January 19 68

CONTRACTOR Layne Western Address Ames

DATE RECONDITIONED -- 19 Contractor Address

CONSTRUCTION EMPLOYED: Doubled, cased, cemented well

CURB ELEVATION 2' REFERENCE ground surface

TYPE OF CONSTRUCTION drilled Depth 227 ft. Diameter 10 in.

CASING: Material steel Condition new (1968)

SCREEN: Material none Length ft. Diameter in. Slot Opening in.

WELL SEALED Yes How Cement grout Approved

WELL VENTED Yes How 1" screened elbow Approved

TYPE OF PUMP vertical turbine Make Layne & Bowler Capacity 120 GPM Lubricated water

DEPTH TO CYLINDER 120' no bowls ft. Tail Pipe 10' of 4" ft.

PUMP CONTROL: Manual Automatic x Semi-Automatic

STATIC LEVEL 62 ft. Pumping Level 73 ft. Drawdown 15 ft.

OPTIMUM SPECIFIC YIELD 125 GPM Drawdown 15 ft. Time 8 hrs.

RATE OF DRAWDOWN Rate of Recovery

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

DRAWDOWN GAUGE INSTALLED Yes

TOPOGRAPHICAL POSITION OF WELL Flat

WELL SITE INVESTIGATED Yes Approved Yes Why not

WELL CONSTRUCTION REVIEWED Yes Approved Yes Why not

PIT CONSTRUCTION: Purpose None Size and Description

CONDITION: Drainage Facilities

PUMP INSTALLATION: Approved Not yet installed Why Not

CUTTINGS FROM WELL PRESERVED: Yes Where S.G.S.

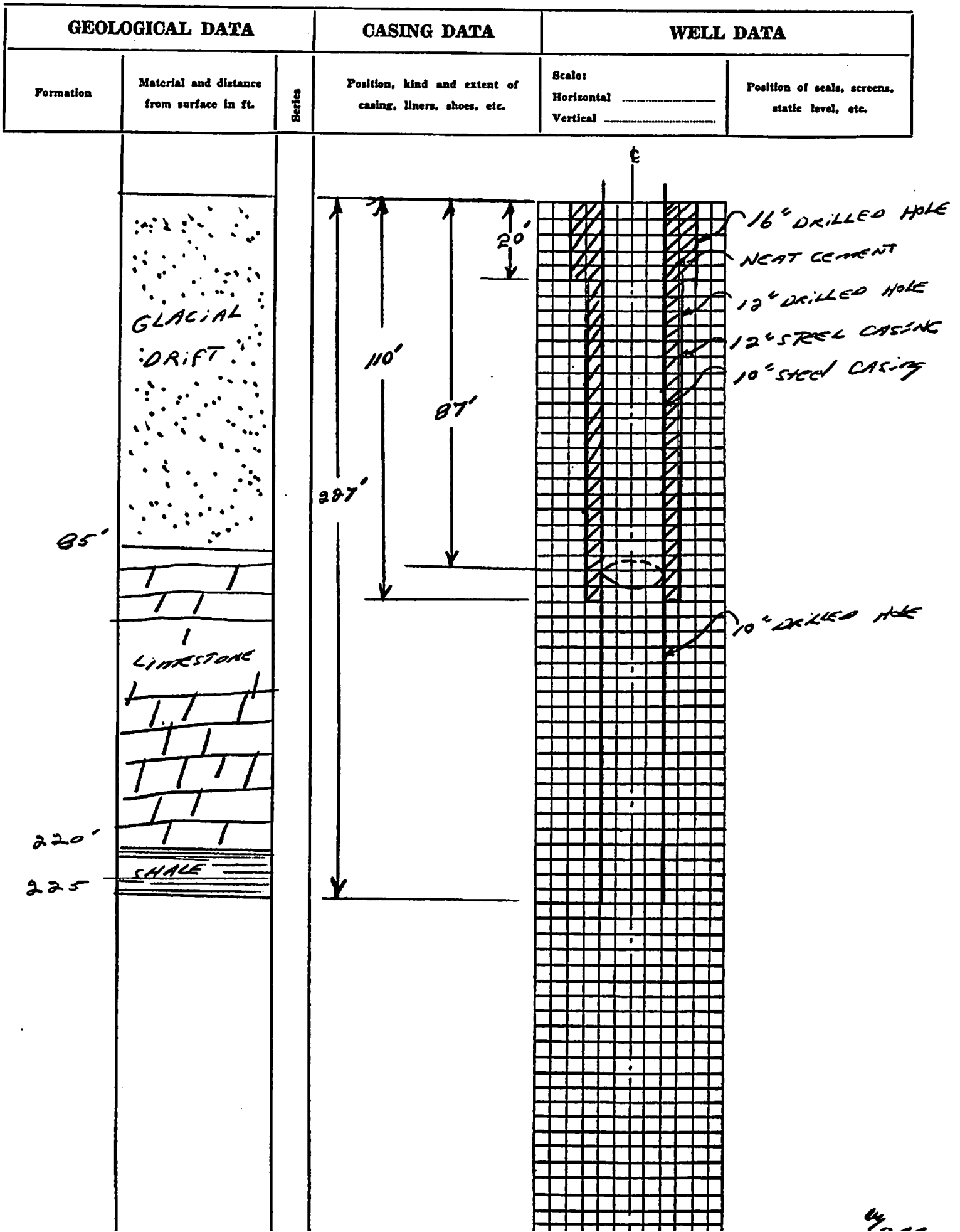
DEPTH TO BED ROCK 85' Depth to Water-bearing Stratum 110 -

SOURCE OF WATER: Principal Formation Limestone Other

Total Hardness 255 ppm. Total Iron 0.2 ppm. Sulfates ? ppm. Fluorine ? ppm.

Manganese ? ppm. pH 7.5 CO_2 20 ppm. Chloride 10 p.p.m.

REMARKS:


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.
GLACIAL DRIFT
85'
LIMESTONE
220'
SHALE
225
20'
110'
87'
287'
16" DRILLED HOLE
NEAT CEMENT
12" DRILLED HOLE
12" STEEL CASING
10" STEEL CASING
10" DRILLED HOLE