

GROUND WATER

Town. Shel by #2 (1984) County Shelby Date July 29 19 44

WELL NO. 1(North.) Active X Standby Abandoned Replaced by No.

LOCATION: Street Sec. T N.R. East: West Lot Block Township

OWNERSHIP Municipal Date Installed July 19 44

CONTRACTOR (Driller) O. S. Archer Address Walnut

DATE RECONDITIONED 19 Contractor Address

CONSTRUCTION EMPLOYED: 54', 30" concrete tile - 22' of 24" tile (8' over-lap) 6' of 24" screen tile and 4' of 30" screen tile. Four top tile joints, sealed with cement grout.

CURB ELEVATION REFERENCE

TYPE OF CONSTRUCTION Bored Depth 68 ft. Diameter 30 & 24 in.

CASING: Material 2" conc. tile/reinforced Condition

SCREEN: Material Concrete tile Length 6 ft. Diameter 24 in. Slot Opening in.

WELL SEALED Yes How First four tile with cement grout Approved

WELL VENTED Yes How Approved

TYPE OF PUMP High lift Make Peerless Capacity 15 GPM Lubricated

DEPTH TO CYLINDER 64' ft. Tail Pipe No ft.

PUMP CONTROL: Manual X Automatic Semi-Automatic

STATIC LEVEL 40' on Dec. 20, 1944 30 ft. Pumping Level ft. Drawdown ft.

OPTIMUM SPECIFIC YIELD 20 GPM Drawdown 24 ft. Time 7 hrs.

RATE OF DRAWDOWN Rates of Recovery

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

DRAWDOWN GAUGE INSTALLED No

TOPOGRAPHICAL POSITION OF WELL Lowland

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 Why Not

CUTTINGS FROM WELL PRESERVED: Where

DEPTH TO BED ROCK Depth to Water-bearing Stratum

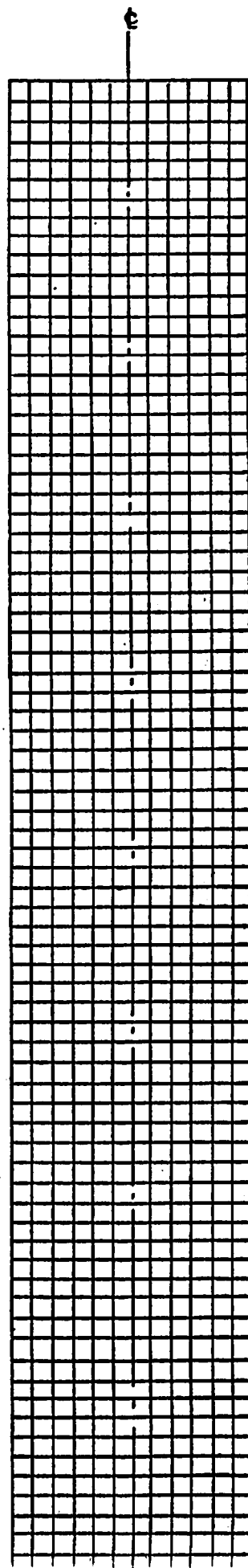
SOURCE OF WATER: Principal Formation Sand and gravel Other

Total Hardness 456 ppm. Total Iron 6.0 ppm. Sulfates 125. ppm. Fluorine 0.4 ppm.

Manganese 1.5 ppm. pH CO2 ppm.

Formation	Material and distance from surface in ft.	Series	Position, kind and extent of casing, liners, shoes, etc.	Scale: Horizontal 1 = 3" Vertical 1 = 1'	Position of seals, screens, static level, etc.
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BLACK CLAY		15
YELLOW CLAY		25
SANDY YELLOW CLAY and SOME GRAVEL		55
SAND and GRAVEL		68



FOUR LENGTHS OF
TILE SEALED @
JOINTS WITH
CEMENT GROUT

10

20

30

STATIC LEVEL

40

50

EIGHT FEET OF TILE
OVER-LAP
FOUR FEET OF 30 INCH
SCREEN TILE & FOUR
FEET OF SOLID TILE

60

SIX FEET OF SCREEN
TILE

70

1 LENGTH OF SOLID TILE