

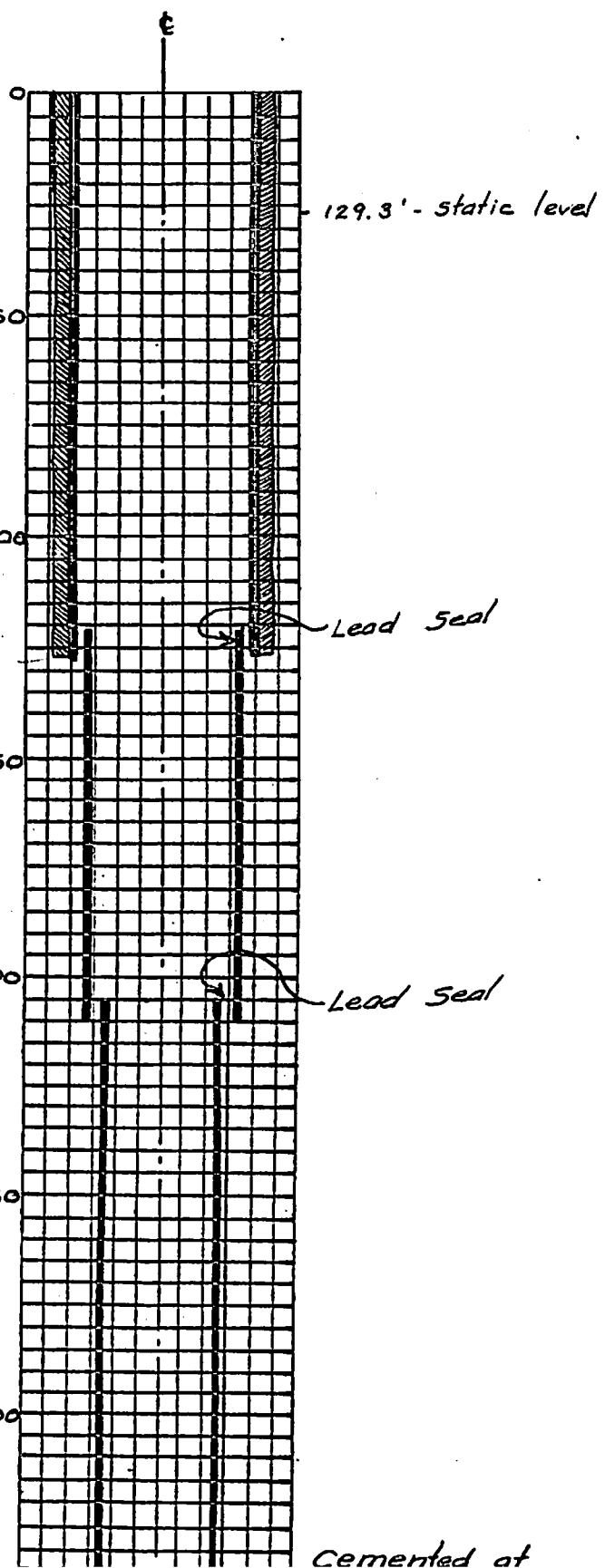
GEOLOGICAL DATA			CASING DATA	WELL DATA	
Formation	Material and distance from surface in ft.	Series	Position, kind and extent of casing, liners, shoes, etc.	Scale: Horizontal 1" = 2' Vertical 1" = 25'	Position of seals, screens, static level, etc.

0	Till Shale Sand	
215	Shale Siltstone	
243		
260	Maple Mill Shale	
325		
300	Shale	
Lime Creek	Limestone	
730	Wapsipinicon Dolomite Dolomite 2	
780		
790	Maquoketa Shale with some Dolomite	
1033		
Galena	Dolomite	
1105	Prosser Dolomite and Shale	
1230		
1247	Shale Limestone and some Dolomite	
1300		
1310	St Peter Limestone Sandstone	
1340		
Jeff. City	Dolomite	
1495	Sandstone and some Dolomite	
New Richmond and		
1580		

632' of 16" pipe from 0'-632' cemented in 19" hole

444' of 13 3/8" pipe from 606' to 1050'

479' of 10" pipe from 1026' to 1705'



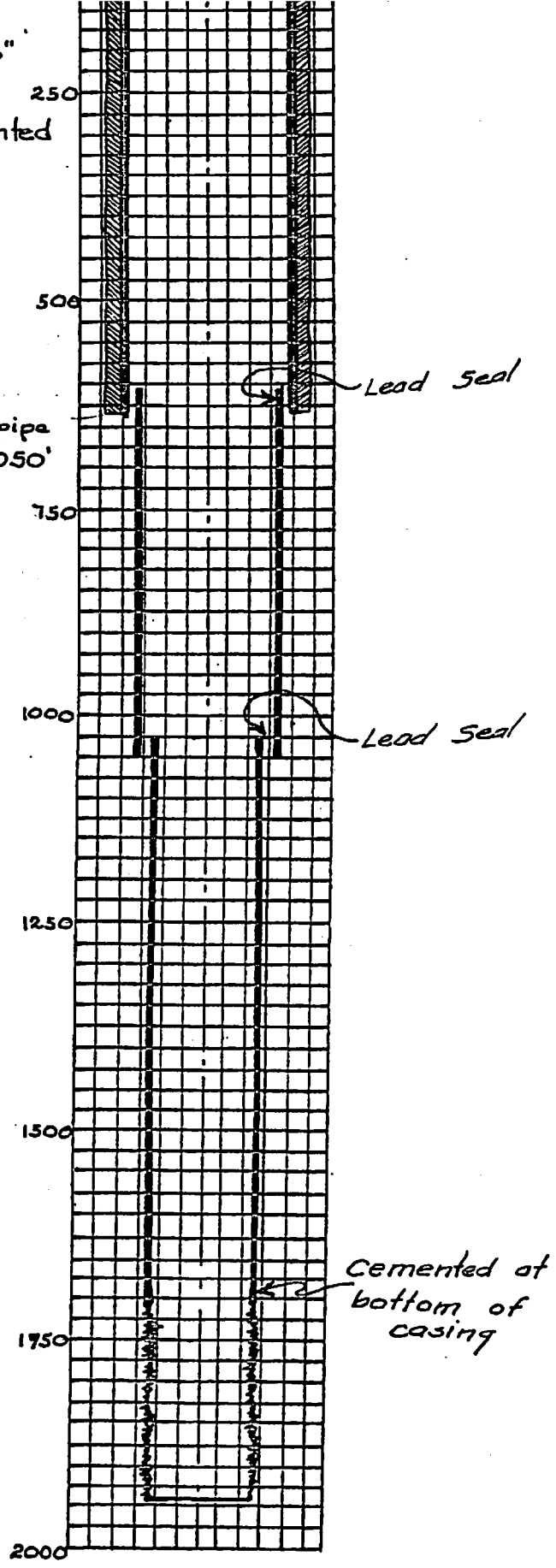
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Jeff. City	Dolomite	
1495		
New Richmond and	Sandstone and some Dolomite	
1580		
Oneota	Dolomite	
1805		
Jordan	Sandstone	
1880		
Lodi	Dolomite	
1940		

632' of 16" pipe from 0'-632' cemented in 19" hole

444' of 13 3/8" pipe from 606' to 1050'

479' of 10" pipe from 1026' to 1705'

Open 10" hole from 1705' to 1940'



Town North English County Iowa Date February 19 49

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

LOCATION: Street Main Business Street Sec. 36 T 78 N.R. 11 East West

Lot Block Township English

OWNERSHIP North English Date Installed May to Sept. 19 47

CONTRACTOR Thorpe Well Company Address Des Moines, Iowa

DATE RECONDITIONED 19 Contractor Address

New CONSTRUCTION EMPLOYED: Drilled. 632 ft. of 16" pipe 0-632 ft. cemented in 19" hole. 444 ft. of 13 3/8" pipe from 606 to 1050 pb seal. 479 ft. of 10" from 1026 to 1705 cemented at bottom, pb seal between 13" and 10" pipe. open 10" hole from 1705 to 1940. CURB ELEVATION 808 REFERENCE

TYPE OF CONSTRUCTION Drilled Depth 1940 ft. Diameter 16 in.

CASING: Material Steel Condition New in 1947

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

WELL SEALED yes How pump base tight Approved yes

WELL VENTED yes How 1 1/2" screened pipe Approved yes

TYPE OF PUMP Turbine Make Fairbanks-Morse Capacity 150 to 180 GPM Lubricated Water

DEPTH TO CYLINDER 150 ft. Tail Pipe 10 ft.

PUMP CONTROL: Manual X Automatic Semi-Automatic

STATIC LEVEL 129.30 250 ft. Pumping Level 7.2 ft. Drawdown

OPTIMUM SPECIFIC YIELD 450 GPM Drawdown 20.2 ft. Time hrs.

RATE OF DRAWDOWN Average Rate of Recovery Rapid

TEMPERATURE OF WATER 75 °F Where Measured Pump Temp. of Atmosphere °F

DRAWDOWN GAUGE INSTALLED

TOPOGRAPHICAL POSITION OF WELL High ground--side of hill

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 yes Why Not

CUTTINGS FROM WELL PRESERVED: yes Where I.G.S.

DEPTH TO BED ROCK 632 Depth to Water-bearing Stratum

SOURCE OF WATER: Principal Formation Jordan Other

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

Manganese ppm. pH CO2 ppm.

REMARKS: Pump mounted on concrete pedestal. Not housed in wooden frame

DATE RECONDITIONED..... 19..... Contractor..... Address.....

NEW CONSTRUCTION EMPLOYED: Drilled. 632 ft. of 16" pipe 0-632 ft. cemented in
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 open 10" hole from 1705 to 1940.
 CURB ELEVATION 808 REFERENCE

TYPE OF CONSTRUCTION Drilled Depth 1940 ft. Diameter 16 in.

CASING: Material Steel Condition New in 1947

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

WELL SEALED yes How pump base tight Approved yes

WELL VENTED yes How 1 1/2" screened pipe 150 to Approved yes

TYPE OF PUMP Turbine Make Fairbanks-Morse Capacity 180 GPM Lubricated Water

DEPTH TO CYLINDER 150 ft. Tail Pipe 10 ft.

PUMP CONTROL: Manual X Automatic Semi-Automatic

STATIC LEVEL 129.30 250 ft. Pumping Level 7.2 ft. Drawdown ft.

OPTIMUM SPECIFIC YIELD 450 GPM Drawdown 20.2 ft. Time hrs.

RATE OF DRAWDOWN Average Rate of Recovery Rapid

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SOURCE OF WATER: Principal Formation Jordan Other

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

Manganese ppm. pH CO₂ ppm.

REMARKS: Pump mounted on concrete pedestal. Not housed in wooden frame
 building with gravel floor. Eventually plan brick house with concrete floor.