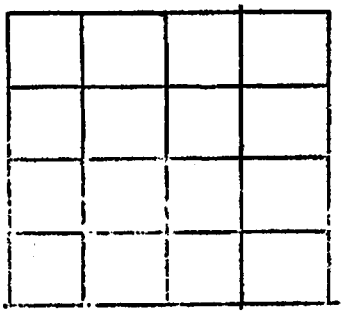
#17970

IOWA GEOLOGICAL SURVEY
In Cooperation with U.S. Geological Survey
RECORD OF WELL

Location:

Town: GLOBBROOK (NE) (SW) County TAMA

Sec. 9, T. 85, N., R. 16 (E) (W) Twp.



Well name and number

Owner GLOBBROOK TOWN WELL #5 (1965) Address GLOBBROOK, IOWA

Tenant Address

Contractor HOLE & AMES, INC. Address LINCOLN, IOWA

Drillers GROVER BRUNKOW

Drilling dates OCT. 1965

Well data:
Altitudes: Drilling curb feet; Land surface feet

Determined by

Topographic position

Total depth: Reported 52' feet; Measured feet

Drilling method CABLE TOOLS

Hole and casing data WELL IS GRAVEL PACKED

Original depth to water ft. above/below Date

Source of data

Sources of water: Principal _____

Others _____

PRODUCTION DATA

Date

Static water level 19.5' - MEASUREMENTS TAKEN 2' ABOVE GROUND LEVEL

Pumping water level 38'

Yield (g.p.m.) 93

Measuring point _____

Duration of pumping _____

Specific capacity _____

LABORATORY DATA P26- 313

Well No. #17970 Sample range 0-52 No. of samples 11

No. of dupls. and cond. — Washed range —

Samples prepared by Dennis LaPoint Date 12/14/65

Logged by NORTHUP Date 11/28/66

Correlations by _____ Date 11/28/66

GW Gladbrook town well folder 1965
Tama Co.

February 8, 1966

City Clerk
Gladbrook, Iowa

Gentlemen:

We have completed the examination of well cuttings from the Gladbrook Town Well #5 (1965).

A copy of our geologic log is enclosed for your files.

Very truly yours,

H.G. Hershey

HGH/l

Enclosure

HOEG & AMES, Inc.

LINCOLN, IOWA

Sheet No. 1

WELL PRODUCTION TEST DATA SHEET

Job GLADBROOK Well #5 — Date Tested OCT 12. 1965

Location GLADBROOK IOWA — Tested by HOEG & AMES INC

Diameter of Well 12" — Pump Used TURBINE

Depth of Well 53' — Driver GASOLINE

Length of Airline ELECTRIC LINE — Col. & Shaft 3½" 5 LFT

Static W. L. 19.5 — Bowls 6"

Orifice Size TANK MEASUREMENT — Mfgr. F.M.

TIME	ORIFICE READING	GPM	PUMPING LEVEL	STATIC W.L.	DRAW-DOWN	REMARKS
2:15 PM				19.5		STARTED PUMP
2:20		90	35		15.5	WATER DIRTY
2:25		96	36.8		17.3	
2:30			37.4		17.9	VERY FINE SAND
2:35		100	37.9		18.4	
2:40			38.3		18.8	
2:45		100	38.4		18.9	WATER CLEAR
2:50			38.7		19.2	
2:55			38.7		19.2	
3:00		105	38.9		19.4	
3:15			39.3		19.8	
3:30		105	39.4		19.9	
3:45		105	39.5		20.0	SLOWED RATE
4:00		90	38.0		18.5	
4:15			37.8		18.3	WATER CLEAR
4:30		93	38.0		18.5	

MEASUREMENTS TAKEN 2 FEET ABOVE GROUND LEVEL

HOEG & AMES, Inc.

LINCOLN, IOWA

Sheet No. 2

WELL PRODUCTION TEST DATA SHEET

Job GLADBROOK WELL # 5 — Date Tested OCT 13-1965

Location GLADBROOK IOWA — Tested by HOEG & AMES INC

Diameter of Well 12" — Pump Used TURBINE

Depth of Well 52' — Driver GASOLINE

Length of Airline ELECTRIC LINE — Col. & Shaft 3½"

Static W. L. 19.5 — Bowls 6"

Orifice Size TANK MEASUREMENTS — Mfgr. E.M.

TIME	ORIFICE READING	GPM	PUMPING LEVEL	STATIC W.L.	DRAW-DOWN	REMARKS
4:45			37.9	19.5	18.4	
5:00			38.0		18.5	
5:15			38.0		18.5	
5:30			38.0		18.5	
5:45		93	38.0		18.5	Collected WATER SAMPLE
6:00		93	38.0		18.5	
6:15		93	38.0		18.5	SHUT OFF

MEASUREMENTS TAKEN 2 FEET ABOVE GROUND LEVEL

MEMBER

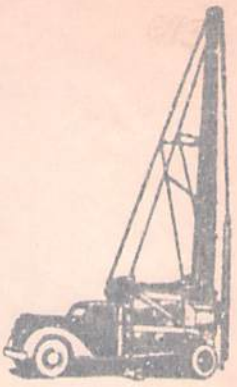
Phone 515 473-2707

HOEG & AMES, Inc.

WELL CONTRACTORS WELL SUPPLIES

☆ ☆ ☆

LINCOLN, IOWA
50652



RECORD OF WELL #5

Owner Town of Gladbrook, Iowa.

Address c/o Mr. I. H. Wentzien,
Gladbrook, Iowa.

Tenant

Address

Location Across the road West of the pumphouse, in Northwest part of town. N.W.¼ of Section 9, Spring Creek Township, Tama County, Iowa.

Started the Well October 8, 1965.

Finished the Well October 14, 1965.

Total Depth 52 feet **Size of Well** 12 inch

Static Water Level 19.5 feet

Draw-down 18.5 **feet, pumping** 93 **Gal. P.M.**

42 **feet of** 12 **inch pipe installed**

feet of **inch casing installed**

Driller Grover Bruinekool

Remarks Drilled 7" test hole, 53 ft. deep at site May 21, 1965.
Drilled 18" hole and placed 18" temporary casing to 20 ft.
Drilled 16" hole from 20' to 52'. Placed 42' of 12" pipe with 12'x 12" Johnson Stainless Steel screen on the bottom at 52 ft. Placed clay fill, sanitized around 12" pipe from 40' up to 20'. Cement grouted top 20', around 12" pipe, as 18" liner was removed.

FORMATION

FORMATIONS

0'	to	2'	-	Top Soil
2'	to	9'	-	Yellow Clay
9'	to	17'	-	Yellow sandy Clay
17'	to	32'	-	Fine brown sand (some coarse)
32'	to	38'	-	Sandy brown clay
38'	to	52'	-	Dark Gray Sand and gravel.

Total Depth - 52 feet.

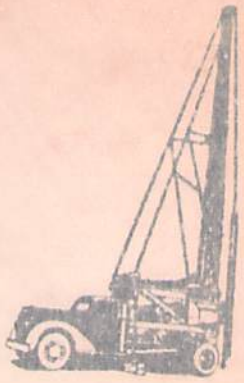
National Water Well Association
MEMBER
Phone 515 473-2707

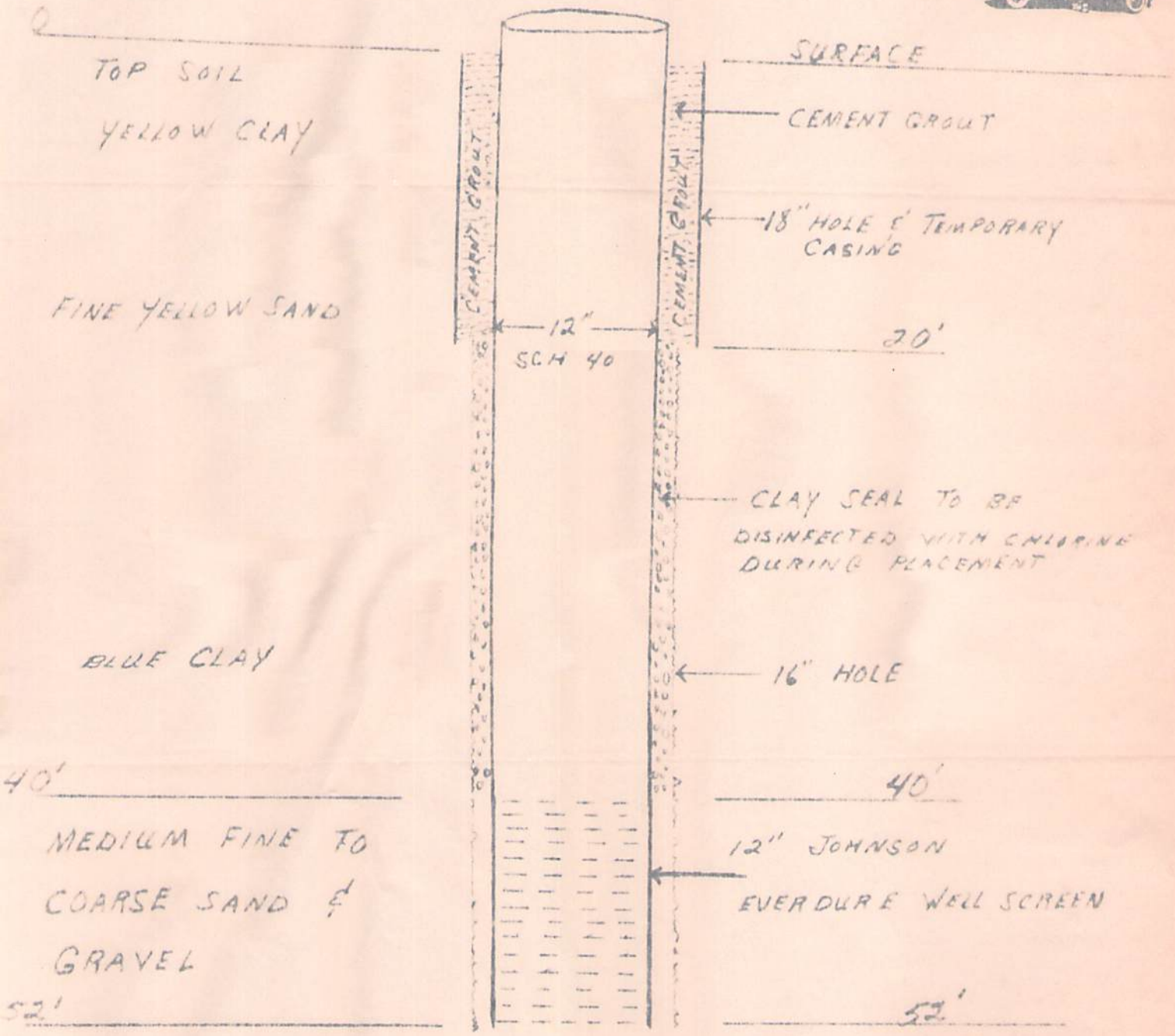
HOEG & AMES, Inc.

WELL CONTRACTORS WELL SUPPLIES

☆ ★ ☆

LINCOLN, IOWA
50652





WELL TO BE STERILIZED WITH 50 PPM CHLORINE SOLUTION FOR A CONTACT PERIOD OF 24 HOURS

WELL TO BE CAPPED UPON COMPLETION

PROPOSED WELL

FOR TOWN OF GLADBROOK IA

HOEG & AMES INC.
LINCOLN IOWA
SCALE NONE