water well Association
MEMBER

Phone 515 473-2707

HOEG & AMES, Inc.

WELL CONTRACTORS WELL SUPPLIES

* * *

LINCOLN, IOWA
50602

Survey Copy



RECORD OF WELL

Owner City of Cedar Falls, Iowa.

Address Cedar Falls, Iowa. 50613

Tenant

Address

Location At the new City Hall, in Cedar Falls, Black Hawk County.

Started the Well February 9, 1967

Finished the Well February 24, 1967

Total Depth 123 ft. Size of Well 8"

Static Water Level 29'10"

Draw-down 4 feet, pumping 252 Gal. P.M.

93 feet of 8" inch pipe installed

feet of inch casing installed

Driller Ervol Fink, for Hoeg & Ames, Inc.

Remarks Drilled 12" hole to 93 ft. below grade. Set 93 ft. of 8" pipe, and cement grouted the 8" pipe in the 12" hole. Drilled 8" hole from 93 ft. to 123 ft. Test pumped the well for four hours.

FORMATION

0'	to	15'	-	Sandy yellow clay.
15'	to	21'	-	Blue clay.
21'	to	60'	-	Broken yellow limestone.
60'	to	68'	-	Rock with mud seams.
68'	to	74'	-	Gray shale.
74'	to	80'	-	Yellow clay.
80'	to	115'	-	Soft yellow limestone.
115'	to	123'	-	Broken limestone. (No samples as water washed them away.)

Total Depth - 123 ft.

HOEG & AMES, Inc.

Survey Copy.

LINCOLN, IOWA

Sheet No. 1

WELL PRODUCTION TEST DATA SHEET

Job Cedar Falls New City Hall

Location 3rd & Clay St., Cedar Falls, Iowa.

Diameter of Well 8 inches

Depth of Well 123 ft.

Length of Airline 75 ft.

Static W. L. 29'10"

Orifice Size

Date Tested February 20, 1967

Tested by Hoeg & Ames, Inc.

Pump Used Turbine

Driver Buda Gasoline Engine.

Col. & Shaft 85 ft.

Bowls 7"

Mfgr. Fairbanks-Morse.

TIME	ORIFICE READING	GPM	PUMPING LEVEL	STATIC W.L.	DRAW-DOWN	REMARKS
11:45 A.M.	49'		29'10"	29'10"		Start Pump
11:55	46'	252	32'10"		3'	Water dirty
12:00 Noon	46'	252	32'10"		3'	
12:10 P.M.	46	252	32'10"		3'	
12:30	46	252	32'10"		3'	
1:00	46	252	32'10"		3'	
1:30	46	252	33'10"		4'	Water clear
2:00	46	252	33'10"		4'	
2:30	46	252	33'10"		4'	
3:00	46	252	33'10"		4'	Water clear
3:30	46	252	33'10"		4'	
3:45	46	252	33'10"		4'	