



Phone 515 473-2707

HOEG & AMES, Inc.

WELL CONTRACTORS

WELL SUPPLIES

☆☆☆

LINCOLN, IOWA

50652



RECORD OF WELL

Owner TOWN OF MARTELLE

Address c/o ROSE MARI FRINK, TOWN CLERK.

MARTELLE, IOWA. 52305

Tenant TOWN WELL # 2

Address

Location In Park in South part of Town, between Hubbell Street and South street, in next block West of Iowa Street. In the Northwest quarter of Section 7, Greenfield Township, Jones County, Iowa. T-83-N; R-4-W.

Started the Well August 20, 1969

Finished the Well September 8, 1969

Total Depth 249 ft. Size of Well 8"

Static Water Level 25 ft.

Draw-down 43 feet, pumping 15 1/4 Gal. P.M.

95' 2" feet of 8" I.D., 28.5# inch pipe installed

87' 5" feet of 12" O.D. inch casing installed

Driller ERVOL FRINK, FOR HOEG & AMES, INC.

Remarks (SEE CONTINUATION SHEET.)

FORMATION

0'	to	5'	-	Black drift.
5'	to	65'	-	Sandy yellow clay.
65'	to	70'	-	Sand.
70'	to	80'	-	blue clay
80'	to	85'	-	Sandy blue clay.
85'	to	205'	-	Gray limestone.
205'	to	249'	-	Yellow limestone.

TOTAL DEPTH 249 FEET.



HOEG & AMES, Inc.

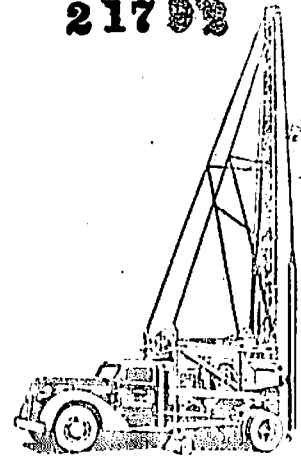
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21702



RECORD OF WELL.

MARTELLIE, IOWA, - TOWN WELL # 2.

(continuation sheet)

METHOD OF CONSTRUCTION:

Hole was drilled for, and 12" O.D. casing was placed to 86 ft., casing extending above ground level. Drilling continued with 11½" hole to 93 ft. - 8 ft. into the limestone. * 8" I.D. pipe, welded in one continuous string was set firmly in the limestone at 93 ft., the 8" pipe also extending above ground level. The annular space between the 8" pipe and the larger hole and pipe was filled with neat cement grout, from the bottom to the top. The 12 " casing was left in place. Below the 8" pipe, drilling continued with 8" open hole to a depth of 249 ft. A turbine test pump and testing equipment was then installed in the well, and an 8 hour pumping test was conducted. Near the end of the pumping test, a water sample was collected and delivered to the Iowa Geological Survey for mineral analysis.

After test pumping, the well was cleaned and disinfected and a cap was firmly placed over the top of the 8" pipe.

2111

Sheet No. 1

WELL PRODUCTION TEST DATA SHEET

Job MARTELLE IOWA TOWN WELL # 2 Date Tested SEPTEMBER 4, 1969
Location In Park in South part of Town Tested by HOEG & AMES, INC.
Diameter of Well 8" * Pump Used Turbine
Depth of Well ²⁴⁹
~~250~~ ft. Driver Buda Gasoline engine.
Length of Airline 100 ft. Col. & Shaft 1" and 3" X 115 ft.
Static W. L. 25 ft. Bowls 5"
Orifice Size _____ Mfg. FAIRBANKS-MORSE.

[illegible]

LINCOLN, IOWA

Sheet No. 1

WELL PRODUCTION TEST DATA SHEET

Job MARTELLE IOWA TOWN WELL # 2 Date Tested SEPTEMBER 4, 1969
Location In Park in South part of Town Tested by HOEG & AMES, INC.
Diameter of Well 8" # Pump Used Turbine
Depth of Well 250 ft. Driver Buda Gasoline engine.
Length of Airline 100 ft. Col. & Shaft 1" and 3" X 115 ft.
Static W. L. 25 ft. Bowls 5"
Orifice Size _____ Mfr. FAIRBANKS-MORSE.

[illegible]