

WELL RECORD

Well is located 300 miles N E W and 1/6 miles N E W from

Cedar Rapids in Linn,
(Nearest Town) (County)

in the 1/4 1/4 Sec. T. R.

Owner Cedar Rapids Well No. 10 17

Postoffice address

Contractor Layne Western

Address 705 South Duff Ames

Driller Gale McIntosh

Well begun 8-17, 1984;

completed 8-22, 1984

Rig used—Cable, Rotary, Jet, or Rev. Rot.

Depth of well 58.5
(Feet)

Size of hole (note total amount of each size)

10" 58.5 4" 8"

Main water supply at 20 to 58.5
(Feet below surface)

Final water head 3'
(Feet above or below surface)

Is well pumped? No

Yield
(Gallons per minute)

Water level when pumping

Position of well
(Upland, valley, side hill, etc.)

RECORD OF PERMANENT CASING

Size Pipe	Amount of Pipe	Depth to Bottom of Pipe	Depth to Top of Pipe	Type ^a and Weight of Pipe	DIAGRAM OF WELL
30"	53.5	38.5	+15	Steel 1/2 wall	

^aAs cast, wrought iron, steel, concrete, etc.

Is screen used? Yes Diameter 30"
(Inches)

Length 20' Depth to bottom 58.5
(Feet)

Depth to top 38.5 Slot size 030

Are packers or seals used? Yes

Kind Clay & Laynite

Where used 13' to 15'

Kind of pump _____ Dia. _____
(Inches)

Capacity of pump _____
(g.p.m.)

Power used _____
(Kind and amount)

Depth to bottom of pump line _____ feet,
including _____ feet tailpiece.

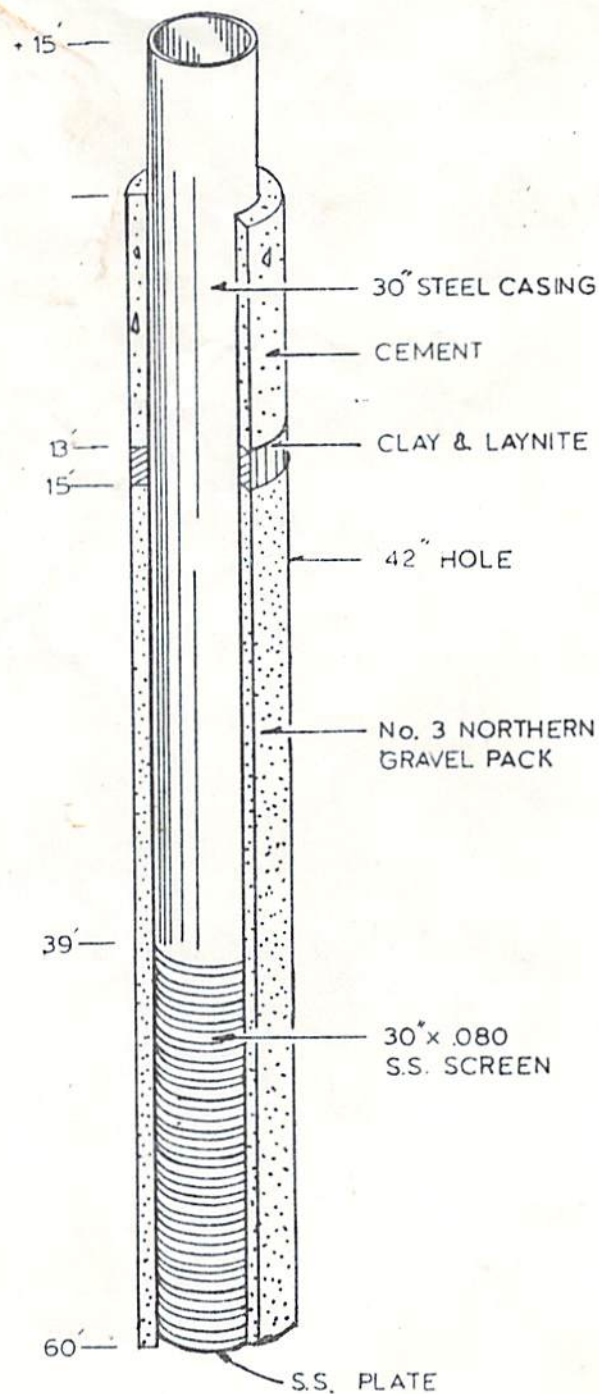
Remarks on construction of well _____

[illegible]

GEOLOGICAL LOG

CONSTRUCTION DETAIL

	SURFACE
BLACK TOPSOIL	2'
BROWN FINE TO MEDIUM SAND	6'
BLACK SILTY SAND, SOME CLAY	10'
GRAY COARSE SAND, SOME SILT	13'
BROWN MEDIUM TO COURSE GRAVEL	34'
GRAY SAND AND GRAVEL WITH WHITE FLAT BROKEN ROCK	44'
BROWN SMALL TO MED GRAVEL w/ BOULDERS	58.5'
ROTTEN LIMESTONE	60'



County: LINN (T83N R7W Sec 17)
 Elev: Log by: WHITSETT, THOMAS MICHAEL
 Wnumber: 27725
 TD: 60
 Log date: 07/06/1995

Owner: CEDAR RAPIDS, CI

Depth top	Depth bot	Lithologic description
0.0	5.0	Soil, dk. brn.gr. (30%); Sd., lt. brn., m. -> v.c., a. -> r. (60%); Grav., var.color, f., a. -> r. (10%); REM: gr: qtz, ign, cht, sltstn
5.0	10.0	Diamicton/uo/ul, dk. brn.gr., pebbly & slty. (50%); Grav., var.color, f. -> m., a. -> r. (40%); Sd., lt. brn., m. -> v.c., a. -> r. (10%); REM: mica in tl; gr: comp a.a.
10.0	15.0	Sd., clr. -> var.color, m. -> v.c., a. -> R. (50%); Grav., var.color, f. -> m., A. -> r. (50%); REM: gr: qtz, ign, cht
15.0	20.0	Grav., var.color, f. -> v.c., A. -> r. (40%); Sd., clr. -> var.color, m. -> v.c., a. -> R. (60%); REM: gr: qtz, ign, cht, sltstn
20.0	25.0	Sd., clr. -> var.color, m. -> v.c., a. -> R. (60%); Grav., var.color, f. -> v.c., a. -> r. (40%); REM: gr: qtz, ign, ls
25.0	30.0	Sd., clr. -> var.color, c. -> v.c., A. -> r. (20%); Grav., var.color, f. -> v.c., A. -> r. (80%); REM: gr: comp a.a.+ss, sltstn, dol
30.0	35.0	Sd., clr. -> var.color, c. -> v.c., A. -> r. (20%); Grav., var.color, f. -> v.c., a. -> R., Ls. (80%); REM: gr: foss ls + comp a.a.
35.0	40.0	Sd., clr. -> var.color, m. -> v.c., A. -> R. (80%); Grav., var.color, v.f. -> f., A. -> r. (20%); REM: gr: qtz, ign, cht, ls
40.0	45.0	Sd., clr. -> var.color, m. -> v.c., A. -> R. (30%); Grav., var.color, v.f. -> v.c., a. -> R., Ls. (70%); REM: gr: fos ls, cht, dol, qtz, ign, slts
45.0	50.0	Sd., clr. -> var.color, m. -> v.c., A. -> R. (10%); Grav., var.color, v.f. -> v.c., a. -> R. (90%); REM: gr: comp a.a.
50.0	55.0	Sd., clr. -> var.color, m. -> v.c., A. -> R. (10%); Grav., var.color, v.f. -> v.c., a. -> R. (90%); REM: gr: comp a.a.
55.0	60.0	Sd., clr. -> var.color, m. -> v.c., A. -> R. (10%); Grav., var.color, v.c., A. -> R., Ls. (80%); Dol., lt. org.brn., m., subsac. & wthrd. (10%); REM: gr: v.foss ls, ign, cht