

WELL RECORD

Well is located miles N miles E miles S and miles W from
City Park in LYONS
 (Nearest Town) (County)

in the 1/4 Sec. T. R.
 Owner TOWN Well No. 3
 Postoffice address Empwood Iowa
 Contractor Leeds Well
 Address ~~425~~ Sioux City, Ia
 Driller Lyte B. Mahly
 Well begun June 6, 1943;
 completed July 6, 1943
 Rig used—Cable, Rotary, Jet, or Rotary
 Depth of well 509'
 (Feet)

Size of hole (note total amount of each size).....
415' 6" 105' 5"

Main water supply at ~~.....~~
 (Feet below surface)

Final water head 285
 (Feet above or below surface)

Is well pumped? Yes
 Yield 21
 (Gallons per minute)

Water level when pumping.....
 Position of well City Park
 (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* and Weight of Pipe	DIAGRAM OF WELL
6"	415	415		STD	Black Pipe Black Pipe
5"	105	105		STD	

*As cast, wrought iron, steel, concrete, etc.

Is screen used? NO Diameter 5" Perf. Pipe
 (Inches)

Length ~~.....~~ Depth to bottom ~~.....~~
 (Feet)

Depth to top..... Slot size 1/8

Are packers or seals used? ~~.....~~

Kind 5" Turned C.I.P.B.

Where used at top of 5" 11" lap

Kind of pump Jacuzzi 3HP 3"
 (Inches)

Capacity of pump 25 g.p.m.
 (g.p.m.)

Power used 220 V 3 Phase
 (Kind and amount)

Depth to bottom of pump line 356 feet, 1/2
 including NONE feet tailpiece.

Remarks on construction of well 5" inside of 1" 11"

Sample No.	DEPTH		THICKNESS
	From	To	
68	395	400	
69	400	410	
70	410	413	
71	413	420	
72	420	427	
73	427	430	
74	430	433	
75	433	437	
76	437	439	
77	439	443	
78	443	449	
79	449	451	
80	451	454	
81	454	459	
82	459	464	
83	464	475	
84	475	479	

DESCRIPTION OF BEDS	
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.	
Shale	gray
"	"
"	"
Sandstone	
"	"
Dirty sandstone	
sandstone shale streaked	
Dirty sandstone (with shale)	
good sandstone	
Hard streak - in sandstone	
good sandstone - Hard streak	
Fine sandstone	
shale	gray
Dirty sandstone	
sandstone	
shale	
"	

