Dear Sirs:

Enclosed find Samples for new 8" Well and logs.

Logs of #1 test Hole
" " #2 test Hole
" " New 8" WELL
for town of Slater, Ia.

Please return as soon as possible 3 logs of Each

1 for Myself
1 for City
1 for Engineer

Yours Respectfully
Dewey Well Co
Slater, Ia

3 copies of log of new well (W-22683) mailed to Dewey Well Co 3-9-71

LOCATION OF TEST HOLE #1 CORNER OF 4TH AVE & GREEN ST.

WELL RECORD

No Samples for Tests #1 & #2

Well is located _____ miles N/S and _____ miles E/W from

SLATER (Nearest Town) in STORY (County),

in the ____ ¼ ____ ¼ Sec. 31 T. 82N R. 24W

Owner TOWN OF SLATER Well No. TEST HOLE #1

Postoffice address SLATER, IA

Contractor DEWEY WELL CO

Address SLATER, IA

Driller DEWEY & DEWEY JR

Well begun JUNE 22, 1970;

completed JUNE 25, 1970

Rig used—Cable, Rotary, Jet, or ✓

Depth of well ~~190~~ 190' (Feet)

Size of hole (note total amount of each size) 5"

Main water supply at _____ (Feet below surface)

Final water head 122 (Feet above or below surface)

Is well pumped? NO

Yield NOT DEVELOPED (Gallons per minute)

Water level when pumping _____

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

NO SAMPLES SAVED

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
1	0	3	3
2	3	15	12
3	15	60	45
4	60	90	30
5	90	118	28
6	118	119	1
7	119	164	45
8	164	170	6
9	170	180	10
10	180	183	3
11	183	185	2
12	185	188	3
13	188	190	2

DESCRIPTION OF BEDS
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
TOP SOIL
Y. CLAY
B. "
Y. "
B. "
fine SAND
B. CLAY
SAND (MED)
GOOD TO MED SAND
GOOD SAND
VERY FINE SAND
" " "
" " "

OVER

TEST HOLE #2
JUNE 26 TO JUNE 30, 1970

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
1	0	3	3
2	3	20	17
3	20	85	65
4	85	106	21
5	106	160	54
6	160	170	10
7	170	173	3
8	173	178	5
9	178	188	10
10	188	208	20
11	208	219	11
12	219	225	6
13	225	240	15
14	240	247	7

LOCATED 20' NO. OF NEW 8" WELL
END OF GREEN ST, & MAIN

DESCRIPTION OF BEDS
KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.
TOP SOIL
Y. CLAY
B. CLAY
SEA MUD
HARD SANDY CLAY
FINE MUDDY SAND
CLAY
FINE SILTY SAND
" " " W CLAY
FINE CLEANER SAND
" BETTER SAND
GOOD SAND (WATER
FINE SAND DIRTY
FINE ~~SAND~~ SAND & MUD

STATIC W.L. 130'
5" TEST HOLE
NOT DEVELOPED

22689

WELL RECORD

Well is located ___ N/E ___ miles S and ___ N/E ___ miles S/W from SLATER (Nearest Town) in STORY (County),

in the ___¼ ___¼ Sec. #31 T. 82N R. 24W

Owner TOWN OF SLATER Well No. 3

Postoffice address SLATER, IA 50244

Contractor DEWEY WELL CO.

Address SLATER, IA 50244

Driller DEWEY & DEWEY JR.

Well begun 7-15, 1970;

completed 8-11, 1970

Rig used—Cable, Rotary, Jet, or V

Depth of well 223' (Feet)

Size of hole (note total amount of each size) 8"

4' ABOVE SURFACE TO 203

Main water supply at 203 - 223 (Feet below surface)

Final water head 172' (Feet above or below surface)

Is well pumped? YES

Yield 200+ G.P.M. AT 150' (Gallons per minute)

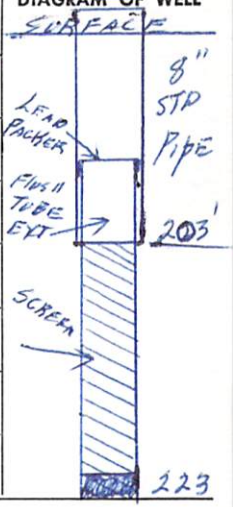
Water level when pumping 150'

Position of well V (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
8"	4" ABOVE SURFACE 207'	203	4" ABOVE SURFACE	25# STD

DIAGRAM OF WELL



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

Is screen used? YES Diameter 8" (Inches)

Length 28" (Feet) Depth to bottom 223

Depth to top 195 Slot size

Are packers or seals used? YES

Kind LEAD

Where used ON TOP EXT PIPE

Kind of pump RED JACKET (SUB) Dia. 6" (Inches)

Capacity of pump 225 G.P.M. (g.p.m.)

Power used 220 3 PH. (Kind and amount)

Depth to bottom of pump line 180 feet,

including ——— feet tailpiece.

Remarks on construction of well

SAMPLE NO.	DEPTH		THICKNESS
	From	To	
1	0	4	4
	4	85	81
	85	106	19
	106	160	54
	160	170	10
	170	173	3
	173	178	5
	178	188	10
	188	208	20
	208	219	11
	219	225	6
	225	240	15
	240	247	7

DESCRIPTION OF BEDS

KIND OF ROCK, COLOR, HARD OR SOFT, WATER, ETC.

Top Soil
Yellow Clay
Blue " SEA MUD
Blue "
SANDY CLAY fine
Blue CLAY
fine Silty Sand
" " " w Clay
fine Sand
Clean Sand
fine Sand
fine dirty Sand
mud & Sand