Vertical scale		Exch
	The property of the state of th	100
	1. 7	un ban emac
	negbbA	2
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	Action	20003
	top roch at 251 lt	arold
	crevice 263-2631/2	aedak yaili
days.	neirce 277-279	1.07.00 (0.17.00) (1.60
		al Institute
	A Control of the Cont	
·		-
68		of allegate Lau
#745.7	ten of rater level	erole farag

Production data:		Date April 18, 1946					
Static depth to w	ater 13 /2	Measuring p	oint Top	of 6" ca	3/400		
Pumping level	70	at9	70	_ g.p.m.	0		
	138	<u> </u>	5	diget	nd at		
			1	_			
			1	_			
Specific capacity	g•	p.m. per ft. drawdo	wn; Temper	ature	54	°F•	
Pump data: Type p Cylinder or bowl	ump Turbin &	Column Dia Length	Sucti	Length_ lon pipe		·	
		Airline				market 1	
					hrs.	a day	
Use of water	city s	upply	-0.1				
		WATER ANALYSES (in	narts ner	million)			
Date samples	April 18 MELE						
Sampled by	S.F. Harris Jr.				************		
Total solids	336		-				
Insoluble matter			6		5 1		
Alkalinity (Meo)	3/2						
Alkalinity (Phn)	b		****				
рН	7.8						
Fe ₂ 0 ₃ + Mn ₂ 0 ₃ +Al ₂ 0 ₃	3.5						
Alkali as sodium	19.	,					
Calcium	72.			the second			
Magnesium	32	and the second second					
Iron (unfiltered)	1.0						
Manganese	0						
Nitrate	5.3	1.4	-	The same of the sa			
Fluoride	0.3	Harman Property Control	4 4				
Chloride	3.0						
Sulfate	9,5						
Bicarbonate	38/						
Hardness (ppm)	3/3						
Hardness (gpg)	18.3.						
Remarks							
Laboratory data:		Sam	ole storage	e location			
Sample range	0-303 No	. spls. 37 No	o dupls	& cond.	3/ F	:-P	
	19#489P Wa	shed range 180.	-303	by PAH.	1828		
Driller's log and	cond.			V	0		
Insoluble residues	: Prepared by	Studied	by	Strip 1	og		
Gen. log		strip log_	N. P	1			
Telle Tob		Correl by	10.10	had do			

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STATE OF IOWA IOWA GEOLOGICAL SURVEY GEOLOGY ANNEX

IOWA CITY

Results of Production Test Conducted on Stanwood Town Well (1946) Stanwood, Iowa April 18, 1946

Name: Stanwood Town Well (1946)

Location: NW NE SW Sec. 25 T. 82 N. R. 3 W.

Elevation: 841.7 feet land surface; 843.7 feet top 6-inch casing.

Owner: Town of Stanwood.

Contractor: Edwards and Son.

Driller: D. B. Edwards.

Drilling Dates: April 1946.

Total Depth: 303 feet.

Casing Record* 259 feet 9 inches of 6-inch 19 lb. pipe, from +2 to 259 feet 9 inches.

Heasuring point: Top of 6-inch casing. At air line vent.

Test pump: Turbine electrically driven.

Production: Pumping rate determined by time to fill a tank of 169 gallons capacity.

Time	Gage reading	Depth to Water	Discharge GPM	Water Temp.	Remarks
April 18				•	,
1:03 pm	151	13g			
1:05					Started pumping.
1:05%	124	40			(Discharge line
1:06	116				(150 feet of 2g inches
1:06%	105	59			(fire hose
1:07	100	64		•	
1:079	90	74			
1:09	84	80			
1:10	80	84			Shut down.
1:11	111	53			
1:12	140	24		•	
1:13	150	14	• 1.		
1:13			. '		Started pumping.
1:14	102	62			Shut down.
1:15	144	20			
1:17		20			Started pump.
1:18	109	55			Pumping against 72 lb. pressure.
1:19	81	83			- miles all and its and its and its
1:20	60	104			
1:21	44	120			
1:22		131			
	33 26	138	75		
1:23			19	_	•
1:24	26 271	138	•	·	•
1:25	25	136)		e i O	
1:28	25	136		540	Air 71° Water dirty.
1:31	25 g	138%	,		Water dirty.
1:41	258	138g			.
1:51	25층	138分			
2:03	•		75	540	Air 72° Water cloudy.
2:37	25	139			•
2:39	135	29			Stopped pump.
2:40	146	17			
2:41	148	16		1.0	•
2:42	148				
2:45	148	16 16			
2:46					Started pumps
2:46	38	76			
2:47	67	97			22 lbs. pressure.
2:47	56	108			with the contract of
2:48	45	119			
2:49		126	•		46 lbs. pressure.
	38 35				40 Tob. brapanta.
2:50	35	129			
2:51	33	131			•
2:54	32	131			
2:57	31.}	1322			18 35 m mm =
3:00	31	133			47 lbs. pressure.
3:05	30½	1332			•
3:10	30	134			
3:18	29	135			
3:30	28	1352			
3:49	28	136			47-48 lbs. pressure.
4137	26 }	137		•	
5:05	2 5 §	138)	75 est.	54 ⁰	Water cample taken, water clear.

^{*} Discharge line 50 feet of 22 inches fire hose connected to water system.

MEMORANDUM

From: H. G. Hershey Date: April 27, 1946

Subject: Stanwood Well - Drilled 1946

Mr. Edwards reports that after our pumping test of April 18, he acidized and developed the well and ran another pumping test which indicated a production of 90 gpm with a pumping level of 70 ft. Mr. Edwards plans on sending us a copy of his results.