RESULTS OF PRODUCTION TEST

ON

GARRISON TOWN WELL NO. 2

July 6, 7, 1948

NAME: Garrison Town Well No. 2.

LOCATION: NV NE SE Sec. 29, T. 85 N., R. 11 W.

ELEVATION: 867.5 feet at land surface.

OWNER: Town of Garrison.

CONTRACTOR: Hoeg and Ames, Lincoln, Iowa.

DRILLER: Ervol Fink

DRILLING DATES: May, 1948 to June, 1948.

TOTAL DEPTH: 528 feet.

CASING AND HOLE DATA: 70 feet of 10-inch casing cemented in 15-inch hole from 70 feet up to land surface. 10-inch open hole from 70 feet to 528 feet.

TEST PUMP: 6-inch turbine pump setting at 225 feet, 215 feet of 4-inch pump column and 10 feet of bowls, driven by belt from gasoline, engine.

WATER LEVEL MEASUREMENTS: Water level referred to top of 10-inch casing 2.5 feet above land surface.

DISCHARGE NEASUREMENTS: Discharge rate obtained by discharging water into tank of known capacity.

TEMPERATURE MEASUREMENTS: Water temperature measured at end of 13.5 feet of discharge pipe.

REMARKS: Observations made by J. B. Gooper and C. W. Lane.

	DEPTH TO		(PG&III)	
TTME	WATER	G_P_M_	TMP.	REMARKS
July 6				
7130 pm	20.5			Measured with no pump in well.
10:30	20.0		*	Pump in well.
10:45				Pump started.
10:46	30.0			Pump stopped.
11:02	•			Pump started.
11:03	30.0		•	
11:03:30	40.0			
11:04	50.0	* *.	•	•
11:04:30	60.0			
11:04:45	70.0		. Profesion se	
11:05	89.0			
11:05:30	90.0			
11:06:30	100.0			
11:07	110.0		4 D	49 F
11:08	120.0			Vator dirty gray.
11:08:30	130.0	- :		
11:09:30	140.0			
11:11	150.0	*	•	
11:12	160.0			
11:13	170.0	-		
11:20	200.0	70		Makan dinku anar
11:22	205.0		•	Water dirty gray.
11:26	210.0	* * * * * * * * * * * * * * * * * * * *		There are not a second
11:27				Pump stopped.
11:28	180.0			
11:29	170.0			
11,29:30	160.0			
11:30	150.0			
11:31	140.0	•		
11:32	130.0		• "	
11:33	120.0			
11:33:30	110.0			Pumping resumed.
11:35			. •	P children C. the comments
11:37:15	110.0		, ,	
11:36	130.0			•
11:39	140.0	•		
11:40	150.0	48		
11:41	160.0	0.54		
11:42:30 11:44	170.0			
July 7	Winds			
12:01 am	202.2	5		
12:07	197.8	63		
12:10	195.8	~ ~		
12:15	193			
12:20	190-4	5		•
12:25	188.2			
12:30	187.1		52	
	184.5		-	Hater cloudy gray.
12:35	47A+7	7		क्रमा क्रमा क्रमा व्यवस्था व्यवस्था व्यवस्था । अ व्य वस्था व्यवस्था व्यवस्था ।

	DEPTH	<u></u>	Miles at the	
merses	TO MARRIED	G.P.N.	TEAP.	remarks
July 7	VATER	Ueresia.		AG-261, MAG
	179.8			•
12:45 em 12:55	178.5	68		
1:05	176.9			
1:15	176.15			
1:25	176.1			Water clearing.
1:30	W.L. controlle	69	52	
1:35	173-5			
1:50	172.8			
2:05	172.4		•	
2:20	171.0	69		
2:35	170.0			· ·
2:45	169.6			
2:47	2071		1	Pump off.
2:48	140.0	•		Recovery measurements.
2:50	120.0			
2:51	110.0			
2:52	100.0			
2152130	90.0			
2:55	70.0			
2:57	60.0	7 - 27 •		•
2:58	55.0			
2:59	50.0			
3:03	40.0			
3:06	35.0			
3:12	32.2			
3:15	31.4			
9:57	28.0			
10:24			-	Pump on.
10:24:30	40.0			
10:25	50.0			
10:26	60.0			Water clear.
10:27	70.0			Pumping rate increased slightly.
10:27:30	80.0			• .
10:28:30	90.0			
10:29:30		98		
10:30:30				
10:32	120.0			·
10:33:30	130.0			
10:35	140.0			Dame +00
10:36	•			Pump off.
10:41				Pump on.
10:47		**		Water slightly cloudy.
10:51	150.0	84		
10:53	160.0		ell de	
10:55	171.3		52	
11:01	180.0	84		Hater very alightly cloudy.
11:05	183.15			ARREST AGES HETERRAS MEANINGS
11:10	184.60			

Depah To			TEMP.		
RIVE	WATER	G.P.N.	TEIP.	NEW ARKS	
July 7					
11:15 am	187.70				
11:25	192.40				
11:35	194.70	;			
11:50	•	70			
12:00	196.0				
12:15 pm	196.2	70			
12:30	194-1	70			
12:45	193.7	<u> </u>			
12:50		70			
12:51				Speeded pump slightly.	
12:57	196.1	70			
1:10	198.0	70	52	•	
1:17	199.0	70	, ,		
1:30	198.9			Water level at Canning Co. 19.8 fee measuring point at top of 4-inch	
	4 .4			casing 24 feet below ground surface	
1:45	198.7				
1:50				Sample taken, water almost clear.	
1:51				Pump off, recovery measurements.	
1:54	130.0			• •	
1:55	120.0				
1:55:30	110.0				
1:56:30	100.0				
1:57:30	90.0				
1:59	80.0			•	
2:00	70-0			•	
2:02	60.0				
2:05	50.0				
2:08	40.0			\$ control of the cont	
2:13	35.0				
2:17	33.0				
2:20	32.4				
2:22	31.95				
2:27	31.5				