

Measuring point: Top of hole in pump base, 0.16 foot above top of 20" casing and 0.9 foot above land surface. Altitude of measuring point 1104.2 feet. Measurements made with electric line apparatus except where noted.

Production: Discharge measured with 5-inch orifice on 6" discharge pipe.

<u>Time</u>	<u>Depth to water in feet below measuring point</u>	<u>Gallons per minute</u>	<u>Remarks</u>
Dec. 17, 1943			
10:55 p.m.	35.22 (tape)		
Dec. 18, 1943			
8:24 a.m.	34.97 (tape)		
9:59	35.07 (tape)		
10:15			Pump started. Water very dirty, sandy.
10:25		840	
10:40			Pump stopped, to change position of discharge pipe.
10:50			Pump started. Water still quite dirty.
11:00		760	Water 53°F.
11:02		905	
11:07	68.23		
11:18	68.63	905	Water 53°F.
11:35		903	Water 53°F.
11:38	68.67		Water dirty.
12:03 p.m.		905	Water 53°F.
12:05	68.82		Water cloudy.
12:30	69.30	900	Water 53°F. Water cloudy.
12:55	68.82	905	Water clearing slightly.
1:25	68.75		
1:35	68.82		
1:58		905	Water 53°F. Water cloudy.
2:06	68.90		
3:00		905	Air 43°F.
3:03	69.08		
3:54	69.07	907	Water slightly cloudy.
4:20	69.10	907	Water 53°F.
5:53	69.15	907	Water 53°F.
6:30	69.00	907	
7:18	69.18	907	Air 38°F.
7:51			Water 53°F. pH 7.3. Sample collected.
7:53	69.20		
8:02	69.20		
8:15			Pump off.
8:15:30	47.13		
8:16	42.94		
8:16:30	41.29		
8:17	40.29		

<u>Time</u>	<u>Depth to water in feet below measuring point</u>	<u>Gallons per minute</u>	<u>Remarks</u>
Dec. 18, 1943			
8:17:30 p.m.	39.79		
8:18	39.44		
8:18:30	39.16		
8:19	38.89		
8:20	38.56		
8:21	38.30		
8:22	38.10		
8:23	37.93		
8:24	37.80		
8:25	37.67		
8:27	37.46		
8:29	37.17		
8:31	37.03		
8:33	36.90		
8:35	36.79		
8:37	36.69		
8:41	36.53		
8:43	36.48		
8:46	36.37		
8:50	36.25		
8:55	36.15		
9:00	36.02		
9:05	35.96		
9:10	35.90		
9:15	35.83		
9:25	35.75 (tape)		
9:36	35.67 (tape)		
9:46	35.62 (tape)		
10:09	35.57 (tape)		
10:39	35.53 (tape)		
11:15	35.45 (tape)		
Dec. 19, 1943			
10:21 a.m.	34.97 (tape)		
1:03 p.m.	34.83 (tape)		

Depth to water in feet below measuring point

<u>Time</u>	<u>Lowell #1</u>	<u>Lowell #3</u>	<u>Lowell #4</u>	<u>Remarks</u>
Dec. 18, 1943				
8:40 a.m.	25.0		30.18	
8:59		24.15		
10:06		24.15		
10:14			30.15	
10:15				Lowell No. 7 started pumping.
11:10	34.94			
11:23		24.92		
11:29			30.14	
12:10:30 p.m.	35.54			
12:16		25.27		
12:23			30.16	
12:41			30.19	
12:47		25.40		
1:05	35.65			
1:49			30.175	
1:54		25.60		
2:14	35.73			
2:45			30.18	
2:50		25.73		
3:08	35.77			
3:45			30.17	
3:50		25.81		
4:30	35.83			
4:36			30.16	
4:43		25.93		
6:03			30.14	
6:08		26.00		
6:13	35.80			
6:52			30.12	
6:56		26.01		
7:00	35.80			
7:22			30.12	
7:28		26.06		
7:36	35.84			
8:15				Lowell No. 7 stopped pumping.
9:08	25.73			
9:19	25.64			
9:30		25.10		
9:40	25.51			
9:52		24.99		
10:03	25.46			
10:15			29.96	
10:21		24.89		
10:29	25.43			
10:46			29.93	
10:52		24.80		
10:58	25.38			
December 19				
10:05 a.m.			29.59	
10:11		24.13		
10:18	25.00			

Depth to water in feet below measuring point

<u>Time</u>	<u>Lowell #1</u>	<u>Lowell #3</u>	<u>Lowell #4</u>	<u>Remarks</u>
December 19				
12:52 p.m.			29.53	
12:59		24.05		
1:07	24.92			

All measurements made in wells 1, 3 and 4 were made with steel tape.

W.E.H.