

Thurs. May 11

Time	Water Level	Draw Down	G.P.M.	Remarks
8:00	213.30			Started Pump
8:05	231.15	17.85	230	Water dirty
8:10	231.30	18.00		
8:15	231.70	18.40	235	
8:20	232.75	19.45	240	Increase engine speed
8:25	234.00	20.70	245	
8:30	237.70	14.40		
8:35	230.77	17.47	240	
8:40	231.87	18.57	240	
8:45	234.80	21.50	250	
8:50	232.50	19.20	245	
8:55	235.00	21.70	265	
9:00	235.36	22.06	265	
9:05	234.50	21.50	260	
9:15	234.60	21.30	260	
9:30	233.20	20.50	260	
9:45	236.10	22.80	275	
10:00	236.08	22.70	275	Water Temp 72°
10:15	236.00	22.70	275	Hardness 20 grains
10:30	236.00	22.70	275	
10:45	236.10	22.80	278	R. P. M. on pump 1150
11:00	236.12	22.82	280	
11:15	258.80	45.50	415	RPM 1250
11:30	259.50	46.20	415	
11:45	261.30	48.00	430	
12:00	261.60	48.30	430	
12:15	261.75	48.35	430	
12:30	261.90	48.60	435	
12:45	261.60	48.30	430	
1:00	264.00	50.70	440	
1:30	264.40	51.10	440	

Monday May 15, 196

Elapsed time = 30 min

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

 File No. { Washington -
 District _____

Monday, May 15

not type

Time	Depth meter	Draw down	ft																	
9:02	308.10	94.80	32																	
9:04	312.72	99.42	34																	
9:06	314.01	100.71	36																	
9:08	315.02	101.72	38																	
9:10	316.27	102.93	40																	
9:12	316.11	102.81	42																	
9:14	314.87	101.50	44																	
9:16	315.35	102.05	46																	
9:18	316.42	103.12	48																	
9:20	316.07	102.77	50																	
9:22	317.17	103.87	52																	
9:24	315.98	102.68	54																	
9:26	316.42	103.12	56																	
9:28	318.24	104.94	58																	
9:30	319.08	105.78	60																	
9:35	319.85	106.55	65																	
9:40	319.79	106.49	70																	
9:45	318.52	105.22	75																	
9:50	318.61	105.31	80																	
9:55	318.91	105.62	85																	
10:00	318.91	105.62	90																	
10:10	320.70	107.40	100																	
10:20	320.78	107.48	110																	
10:30	319.85	106.55	120																	
10:40	322.42	109.12	130																	
10:50	322.10	108.80	140																	
11:00	322.20	108.90	150																	
11:20	321.00	107.70	170																	
11:40	323.05	109.75	190																	
12:00																				
12:20	323.05	109.75	230																	
12:40	327.97	114.94	250																	

on pump

G.P.M. = 630

G.P.M. ~ 630

Water turbid, G.P.M. =

Air line gauge = 60' of

Water milky, H₂S odor

Air line gauge = 55' of wa

Water Temp = 72°, water
milky, H₂S odorG.P.M. = 655, 1400 R.S.
on pumpPumping some sand, G.
= 66.Water milky, H₂S odor,
G.P.M. = 680

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

 File No. { Washington ...
 District ...

Monday May 15,

P.M.

Time	Depth to water	Draw Down	τ						
1:00	328.75	115.45	270					G.P.M. ~ 680	
1:20	328.02	114.72	290						
1:40	329.07	115.77	310					Water free of sand	
2:00	330.15	116.85	330					G.P.M. = 685	
2:20	330.60	117.30	350					G.P.M. ~ 690	
2:40	330.03	116.73	370						
3:00	332.06	118.76	390					Airline Gauge = 48' of	
3:20	330.68	117.38	410						
3:40	329.77	116.47	430						
4:00	331.60	118.30	450						
4:20	334.65	121.35	470					Airline Gauge = 45' of	
4:30	334.34	121.04	480					G.P.M. = 70	
4:31			481	1	48			Pump turned off at 4:31	
4:32			482	2	241			for Recovery	
4:33			483	3	161				
4:34		S'	484	4	121			No check valve on pump	
4:35	214.17	0.87	485	5	97			Municipal well stopped	
4:36			486	6	81			pumping shortly before	
4:37			487	7	69.4			this well was measure	
4:38			488	8	61			for recovery.	
4:39			489	9	54.3				
4:40			490	10	49				
4:41			491	11					
4:42			492	12					
4:43	213.60	0.30	493	13	37.9				
4:44									
4:45	213.50	0.20	495						
4:46	213.10	0.20	496						
4:47									
4:48	213.17	0.13	498						
4:49									
4:50	212.94	0.36	500						

oil film on top of water -

Do not type

Time	Pressure (psi)	Flow (gpm)	Notes
4:51			
4:52	213.00	0.30	502
4:53			
4:54			
4:55	213.10	0.20	505
4:56			
4:57			
4:58			
4:59			
5:00	213.13	0.17	510
5:05			Airline Gauge = 155' of water
5:10			
5:12	213.05	0.25	522
7:17	213.11	0.19	647
7:47	213.11	0.19	677
9:20	213.15	0.15	770
10:37	213.20	0.10	847
8:20	213.58	0.28	
8:29	213.50	0.20	
8:40			
8:41			
8:42	334.90	121.60	
8:43	342.50	135.20	
8:44	345.87	132.57	
8:45			
8:46	358.05	144.75	
8:47			
8:48	355.18	141.88	
8:49			
8:50	358.00	144.70	
8:51			
8:52	360.75	147.45	
8:53			

Tuesday, May 16, 19

8:54	360.55	147.25	
8:56	357.35	144.05	G. P. M. = 810
8:59	358.88	145.58	
9:00	359.99	146.69	
9:05	361		Water milky, H_2S odor + water column = 42.5"
9:10	360.18	146.88	
9:15	360.27	146.99	Water s/l. milky, probably due contained gas.
9:20	359.68	146.38	
9:25	359.56	146.26	
9:30	362.72	149.52	G. P. M. = 810
9:35			
9:40	363.73	150.43	
9:50	364.30	151.00	
10:00	363.95	150.65	Water Temp. = 72°
10:20	366.04	152.74	G. P. M. 820
10:40	365.43	152.13	
11:00	368.37	155.07	G. P. M. = 820, Airline Gauge = 0' of water (gauge fell more slowly from 15'
11:20	373.82	160.52	
11:40	374.42	161.12	G. P. M. = 830
12:00			
12:20	370.46	159.16	G. P. M. = 838
12:40	373.67	160.37	G. P. M. = 835, Water Sample To
1:01	374.40	161.10	G. P. M. = 840
1:28	375.38	162.08	G. P. M. = 830 (Municipal Pump)
1:35	375.42	162.12	

Recharge

5/14

Time	Water Level (ft)	Flow (cfs)
1:38		
1:39		
1:40	215.17	1.87
1:41	214.60	1.30
1:42	214.38	1.02
1:43	214.12	0.82
1:44	214.06	0.76
1:45	213.93	0.63
1:46	213.86	0.56
1:47	213.82	0.52
1:48	213.80	0.50
1:49	213.76	0.46
1:50	213.73	0.43
1:51	213.69	0.39
1:52	213.71	0.41
1:53	213.68	0.38
1:54		
1:55	213.66	0.36
1:56	213.64	0.36
1:58	213.65	0.35
2:00	213.65	0.35
2:02	213.64	0.34
2:04	213.65	0.35
2:06	213.61	0.31
2:08	213.60	0.30
2:10	213.59	0.29
2:12	213.55	0.25
2:14	213.55	0.25
2:16	213.55	0.25
2:18	213.50	0.20
2:20	213.50	0.20
2:30	213.55	0.25
2:40		