

195

DIVERSION

7/14/2005

441-60 AFA
28-90 AFA

663 60 AFD

Check 1 Review

And... continue

23

SE
C
:

- 107 - The change authorized by this transfer shall be accomplished within one (1) year of the date of this approval.
- 108 - failure to comply with the conditions of this transfer is cause for the director to issue an order to show cause why the approval of the transfer should not be rescinded.
- 109 - Approval of this transfer does not preclude the opportunity for review of the validity of the water right(s) in the ongoing Snake River Basin Adjudication.
- 117 - Prior to diversion of water under this approval, the right holder shall provide a means of measurement acceptable to the Department from all authorized points of diversion which will allow determination of the total rate of diversion.

The total instantaneous diversion of water from all points of diversion under Transfer No. 4532 shall not exceed 1.21 cfs, nor total combined annual volume of 803.6 af.

Right Nos. 63-09357 and 63-10208 are located within the Southeast Boise Ground Water Management Area and the right holder is required to participate in a data collection and reporting process to be established by the Department in cooperation with the Advisory Committee.

Remarks:

Industrial use is for rinsing purposes.
Domestic use is for restroom facilities.
Two points of diversion are located within MEMU, 507, T02N, R03E.

Dates:

App. Received: 11/22/1983 Priority Date: 11/22/1983
Proof Due Date: 01/01/1989 Proof Made Date: 10/17/1986
Exam Made Date: 10/14/1986 Exam Sent to S.O.:
Licensed Date: 11/20/1987

Misc:

Water District Number: Field Exam Fee: R (Received)

Comments:

Date: 01/11/1995 User-ID: SLESTER Subject: TRANSFER NO. 4532
Proposal will add 1 well as the main production well while two
existing production wells will become backup P/D's. Also, water
will be used in the original Micron facilities plus in the new
units under construction, but no increase in water use will
occur (water reuse system being installed).

Audit:

12/24/87 05/01/88 CONVERT 01/11/95 SLESTER 03/17/95 PSKAGGS

SEBGWMA WELL INVENTORY

Owners Name Micron Technology Inc.

Address 2805 E Columbia Rd. Boise Id 83706

Telephone (208) 368-4000 Fax: (208) 368-2536

W.R. Number 63-10208

Location: T 2N R 3E S 7 1/4 NW 1/4 NW

Directions to Well:

Get on 84 heading south toward Mountain
home. Take Exit 57 and turn left toward Id. City.
Turn Right on Federal way toward Micron. Head South
on Federal 1 mile. Pump house on Right directly
across from Micron. (turn on horseshoe shaped paved driveway)

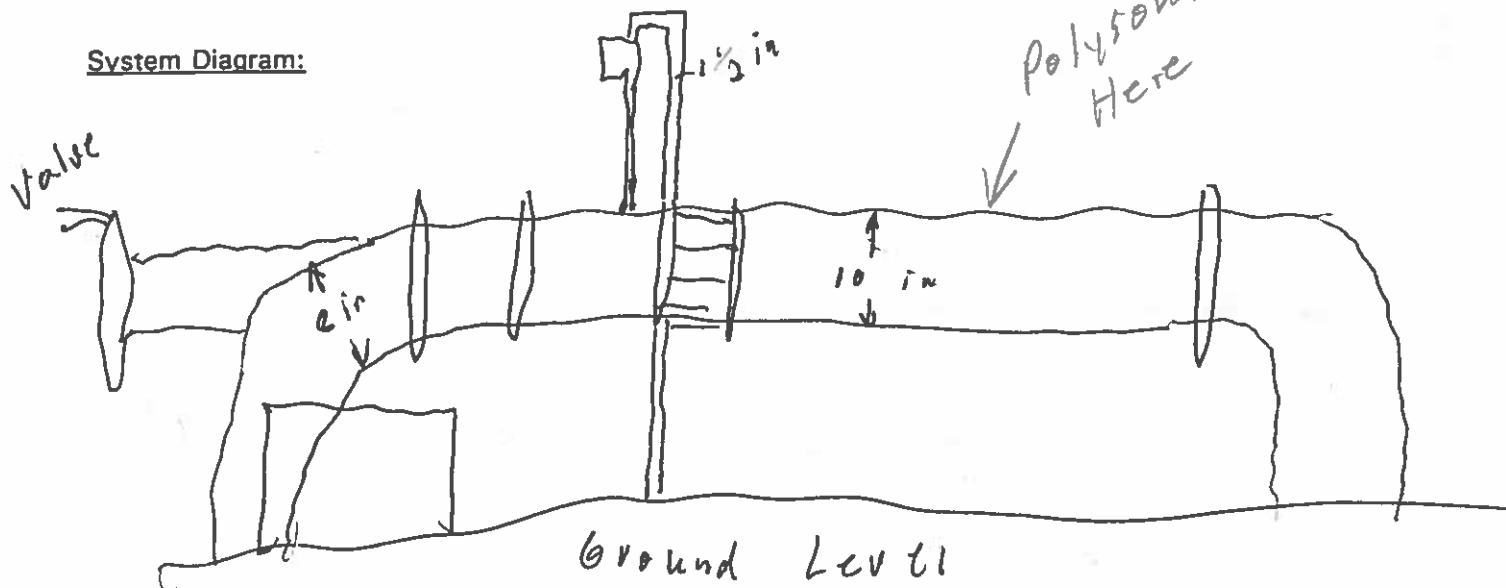
Diversion Unit Data:

Motor Brand Byron-Jackson HP 200 Serial # _____

Pump Brand " Serial # _____

Pipeline Discharge Size 8 in to 10 in

System Diagram:



Narrative:

Referred to as well # 3.

1) IOWR Polyson - ~ 879.517 GPM

2) Eagle Eye flowmeter - 960 GPM 8.38 ⁹⁰

3) Dart II Flowmeter + Totalizer - 1050 GPM 16.290

Wells operated 24 hrs/day

Measurements

Measuring equipment Polysonic flow meter

Serial # 150231

Results:

Notes:

The three fluctuations
we measured averaged
to 879.51 GPM

Maps, Photographs - See Attached:

Yes ☒

No ☐

Craig L. Guter

Inspectors Name and Title

7-25-95

Date

63-10208
measurement results

DATE-TIME
07-25 10:41

MODE SELECT
INPUT

OUTER DIAMETER
11.1406 IN

PIPE MATERIAL
? CS,SS

WALL THICKNESS
.40000 IN

INNER LINING
? NO LING.

KIND OF FLUID
? WATER

SENSOR MOUNTING
? U

TYPE OF SENSOR
? SMALL

DATA CHANGE
? NO

SPACING
8.967 IN U

ZERO MODE
CLEAR

ZERO MODE
AUT ZERO

ZERO MODE
ZERO OPR

07-25 10:4900 *R
+867.277E 0GPM

07-25 10:5000 *R
+892.109E 0GPM

07-25 10:5000 *R
+879.164E 0GPM

MODE SELECT
T0 CHECK

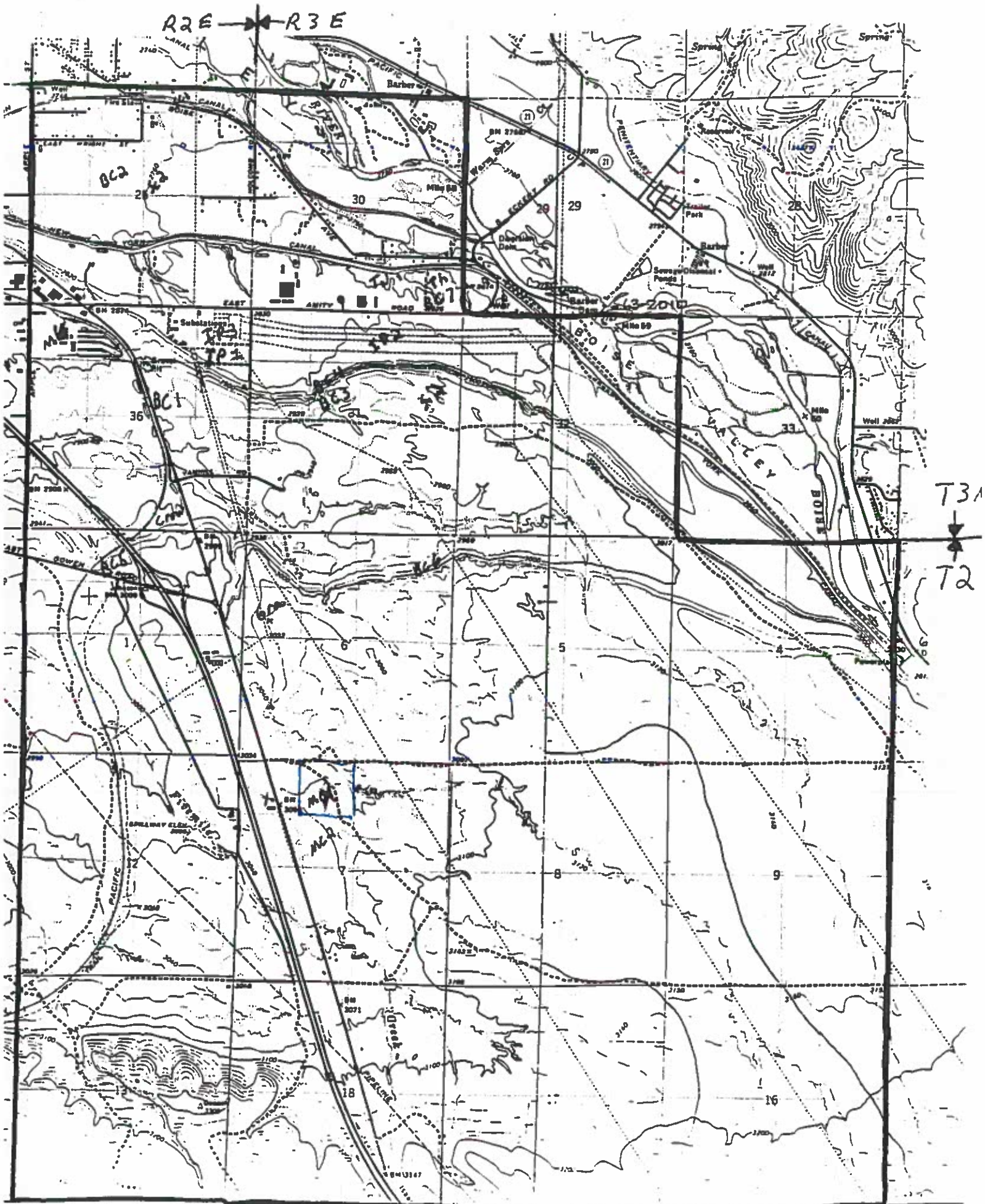
0377.5 MMSEC
097.70 % T0

07-25 10:5100 *R
+002.60 % AI2

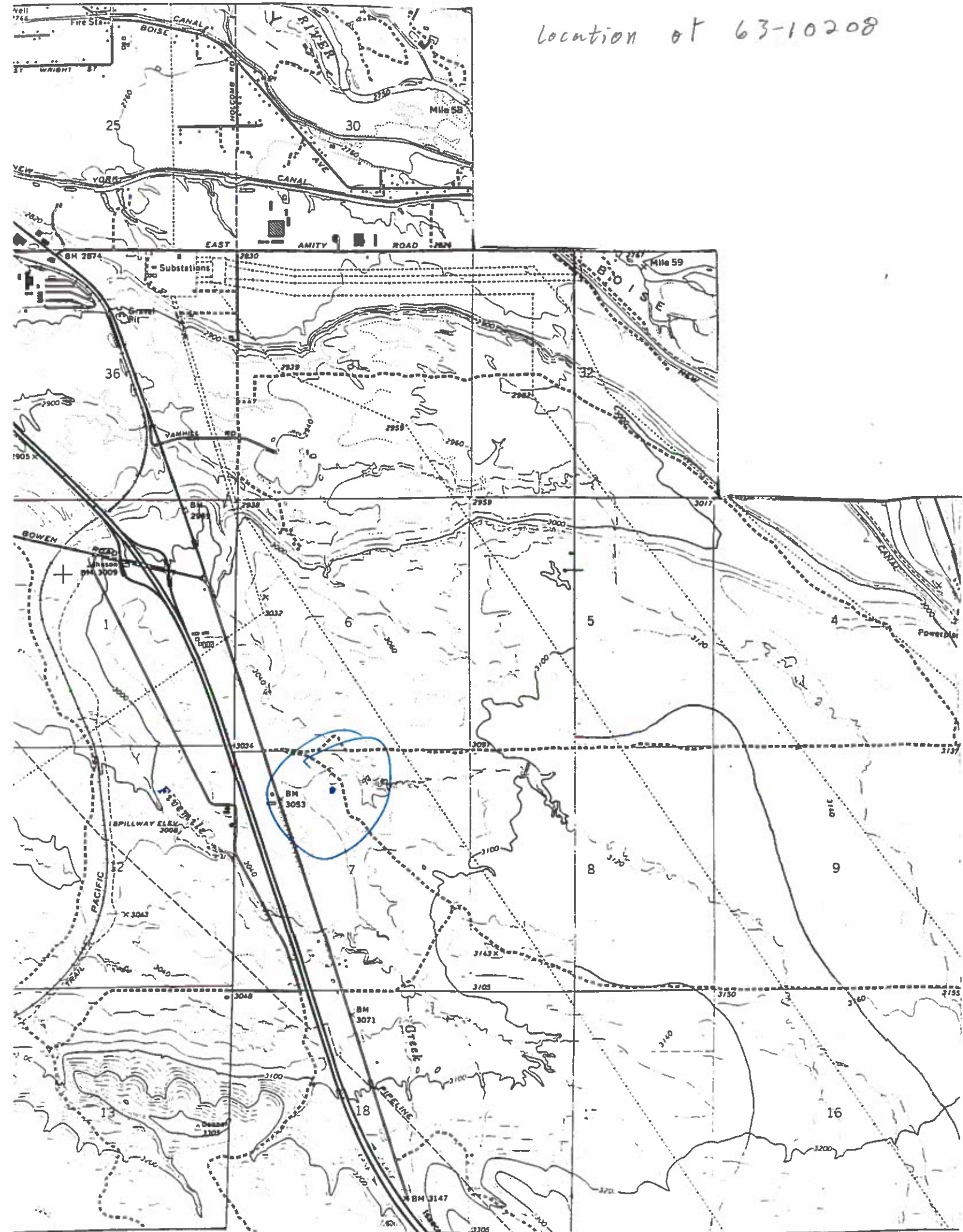
WR # 63-10208



Location of 63-10208



location of 63-10208



MICRON'S 1995 DIVERSION DATA

GALLONS USED PER MONTH

	WELL #2	WELL #3	WELL #4
MAY	*10349822	*40608640	n/a
JUNE	*10349822	*40608640	n/a
JULY	7479333	33737760	n/a
AUG	10858579	45561600	n/a
SEPT	9888875	35491680	n/a
OCT	9676466	35471520	n/a
NOV	12146478	49911500	7671245
DEC	12049199	43477780	15958353

TOTALS	82798574	324869120	23629598
ACRE FT	254.1	997	72.5
(Acre feet = total/325850)			

*Due to insufficient data, amounts listed for wells 2 and 3 in May and June were averages extrapolated from the succeeding six months.

January 08, 1996

MICRON TOTALIZERS

WEEK ENDING	WELL 2	GAL/WK	GPM	CFS	WELL 3	*GAL/WK	*GPM	CFS	WELL 4	GAL/WK	GPM	CFS	TOTAL CFS 2.34
JUN 8	1558500												
JUN 15	2970895	1412395	140	.31									.31
JUN 22	2972656	1761	.2	-	4032000								-
JUN 29	4889342	1916686	190	.42	8074080	4042080	401	.89					1.31
JUL 06	6571112	1681770	167	.37	16480800	8406720	834	1.86					2.23
JUL 13	8437684	1866572	185	.41	25300800	8820000	875	1.95					2.36
JUL 20	10283691	1846007	183	.41	34181280	8880480	881	1.96					2.37
JUL 27	12368675	2084984	207	.46	41811840	7630560	757	1.69					2.15
AUG 03	14592056	2223381	221	.49	51912000	10100160	1002	2.23					2.72
AUG 10	16493147	1901091	189	.42	59381280	7469280	741	1.85					2.07
AUG 17	18345903	1852756	184	.41	69662880	10281600	1020	2.27					2.68
AUG 24	20848996	2503093	248	.55	78503040	8840160	877	1.96					2.51
AUG 31	23227254	2378258	236	.53	87373440	8870400	880	1.96					2.49
SEP 07	25728342	2501088	248	.55	96253920	8880480	881	1.96					2.51
SEP 14	28178926	2450584	243	.54	105124320	8870400	880	1.96					2.50
SEP 21	30721945	2543019	252	.56	113984640	8860320	879	1.96					2.52
SEP 28	33116129	2394184	238	.53	122865120	8880480	881	1.96					2.49
OCT 05	35467240	2351111	233	.52	131735520	8870400	880	1.96					2.48
OCT 12	37926067	2458827	244	.54	140605920	8870400	880	1.96					2.50
OCT 19	40379724	2453657	243	.54	149476320	8870400	880	1.96					2.50

WEEK ENDING	WELL 2	GAL/WK	GPM	CFS	WELL 3	*GAL/WK	*GPM	CFS	WELL 4	GAL/WK	GPM	CFS	TOTAL CFS
OCT 26	42792595	2412871	239	.53	158336640	8860320	879	1.96					2.49
NOV 02	45235875	2443280	242	.54	167196960	8860320	879	1.96					2.50
NOV 09	47686666	2450791	243	.54	14747470								.54
NOV 16	50100585	2413919	239	.53	23536310	8788840	872	1.94					2.47
NOV 23	52541621	2441036	242	.54	32346500	8810190	874	1.95	4731593				2.49
NOV 30	54939073	2397452	238	.53	41051180	8704680	864	1.93	7671245	2939652	292	.65	3.11
DEC 07	57590293	2651220	263	.59	50569780	9518600	944	2.11	11091493	3420248	339	.76	3.46
DEC 14	59805039	2214746	220	.49	58521780	7952000	789	1.76	13971942	2880449	286	.64	2.89
DEC 21	62250595	2445556	243	.54	67213890	8692110	862	1.92	17164513	3192571	317	.71	3.17
DEC 28	64570027	2319432	230	.51	75861880	8647990	858	1.91	20357085	3192572	317	.71	3.13
JAN 04	66988272	2418245	240	.54	84528960	8667080	860	1.91	23629598	3272513	325	.72	3.17

* Per John Campbell: Through November 2, the totalizer for well #3 was recording use at ~480 gpm, when actual use was ~880 gpm. On November 7, the totalizer was repaired and now reads accurately.

Based on this information, the cumulative totals submitted for well #3 through November 2 have been adjusted on the table above with an additional 400 gpm to reflect actual use.

Micron's ground water appropriation limit:

License 63-09357 0.60 cfs
License 63-10208 0.61 cfs
Permit 63-11293 2.25 cfs
TOTAL 3.46 cfs

Compute:

AF 5-1 → 12-31

7/1 → 12/31

Well 2

254.1 cfs

Well 3

447 cfs

Well 4

23629598 + 325,850 = 72.5 cfs

Raw water acquisition from on-site wells

Week Ending	Well #2	Well #3	Well #4
Jun 8	1558500	0	0
Jun 15	2970895	0	0
Jun 22	2972656	1425809	0
Jun 29	4889342	1435496	0
Jul 6	6571112	5807713	0
Jul 13	8437684	10594341	0
Jul 20	10283691	15444130	0
Jul 27	12368675	19039518	0
Aug 3	14592056	25103865	0
Aug 10	16493147	28540950	0
Aug 17	18345903	34787677	0
Aug 24	20848996	39598872	0
Aug 31	23227254	44441129	0
Sep 7	25728342	49286065	0
Sep 14	28178926	54128409	0
Sep 21	30721945	58953445	0
Sep 28	33116129	63797256	0
Oct 5	35467240	68631180	0
Oct 12	37926067	73472912	0
Oct 19	40379724	78311303	0
Oct 26	42792595	83135351	0
Nov 2	45235875	87966571	0
Nov 9	47686666	1474747	0
Nov 16	50100585	2353631	0
Nov 23	52541621	3234650	4731593
Nov 30	54939073	4105118	7671245
Dec 7	57590293	5056978	11091493
Dec 14	59805039	5852178	13971942
Dec 21	62250595	6721389	17164513
Dec 28	64570027	7586188	20357085
Jan 4	66988272	8452896	23629598

*All values are in cumulative total gallons with the exception of Well #3 after November 2nd which is thereafter shown as gallons x10.

MICRON TOTALIZERS

December 22, 1995

WEEK ENDING	WELL 2	GAL/WK	GPM	WELL 3	*GAL/WK	*GPM	WELL 4	GAL/WK	GPM
JUN 8	1558500								
JUN 15	2970895	1412395	140						
JUN 22	2972656	1761	.2	4032000					
JUN 29	4889342	1916686	190	8074080	4042080	401			
JUL 06	6571112	1681770	167	16480800	8406720	834			
JUL 13	8437684	1866572	185	25300800	8820000	875			
JUL 20	10283691	1846007	183	34181280	8880480	881			
JUL 27	12368675	2084984	207	41811840	7630560	757			
AUG 03	14592056	2223381	221	51912000	10100160	1002			
AUG 10	16493147	1901091	189	59381280	7469280	741			
AUG 17	18345903	1852756	184	69662880	10281600	1020			
AUG 24	20848996	2503093	248	78503040	8840160	877			
AUG 31	23227254	2378258	236	87373440	8870400	880			
SEP 07	25728342	2501088	248	96253920	8880480	881			
SEP 14	28178926	2450584	243	105124320	8870400	880			
SEP 21	30721945	2543019	252	113984640	8860320	879			
SEP 28	33116129	2394184	238	122865120	8880480	881			
OCT 05	35467240	2351111	233	131735520	8870400	880			
OCT 12	37926067	2458827	244	140605920	8870400	880			
OCT 19	40379724	2453657	243	149476320	8870400	880			
OCT 26	42792595	2412871	239	158336640	8860320	879			
NOV 02	45235875	2443280	242	167196960	8860320	879			
NOV 09	47686666	2450791	243	14747470					
NOV 16	50100585	2413919	239	23536310	8788840	872			
NOV 23	52541621	2441036	242	32346500	8810190	874	4731593		
NOV 30	54939073	2397452	238	41051180	8704680	864	7671245	2939652	292
DEC 07	57590293	2651220	263	50569780	9518600	944	11091493	3420248	339
DEC 14	59805039	2214746	220	58521780	7952000	789	13971942	2880449	286

*Per John Campbell: Through November 2, the totalizer for well #3 was recording use at ~480 gpm, when actual use was ~880 gpm. On November 7, the totalizer was repaired and now reads accurately.

Based on this information, the cumulative totals submitted for well #3 through November 2 have been adjusted on the table above with an additional 400 gpm to reflect actual use.

Raw water acquisition from on-site wells

Week Ending	Well #2	Well #3	Well #4
Jun 8	1558500	0	0
Jun 15	2970895	0	0
Jun 22	2972656	1425809	0
Jun 29	4889342	1435496	0
Jul 6	6571112	5807713	0
Jul 13	8437684	10594341	0
Jul 20	10283691	15444130	0
Jul 27	12368675	19039518	0
Aug 3	14592056	25103865	0
Aug 10	16493147	28540950	0
Aug 17	18345903	34787677	0
Aug 24	20848996	39598872	0
Aug 31	23227254	44441129	0
Sep 7	25728342	49286065	0
Sep 14	28178926	54128409	0
Sep 21	30721945	58953445	0
Sep 28	33116129	63797256	0
Oct 5	35467240	68631180	0
Oct 12	37926067	73472912	0
Oct 19	40379724	78311303	0
Oct 26	42792595	83135351	0
Nov 2	45235875	87966571	0
Nov 9	47686666	1474747	0
Nov 16	50100585	2353631	0
Nov 23	52541621	3234650	4731593
Nov 30	54939073	4105118	7671245
Dec 7	57590293	5056978	11091493
Dec 14	59805039	5852178	13971942
Dec 21			
Dec 28			
Jan 4			

*All values are in cumulative total gallons with the exception of Well #3 after November 2nd which is thereafter shown as gallons x10.

MICRON

TECHNOLOGY, INC.

8000 S. FEDERAL WAY
BOISE, IDAHO 83707-0006
PHONE: (208) 368-4000
FAX: (208) 368-5555

No. of Pages: 2	Today's Date: 12/19/99	Time: 11:10
To: Lori Greaves	From: Lester Jollie	
Company:	Micron Technology, Inc.	
Address:	8000 S. Federal Way Boise, Idaho 83707 M/S 602	
Fax: 334-2348	Phone:	Fax (208) Phone (208)

Comments:

Call me if you have any
questions - 368-3554

Lester

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Thank You.

INTER-DEPARTMENT MEMO--1

FROM

Ly

DATE

11/7/95

TO

Miron File

SUBJECT

Inaccurate Flowmeter

Re telecon with John Campbell: The flow-meter has been repaired and is reading ~880 GPM as previously estimated rather than ~480 GPM. The spread sheets will be accurate from now on.

Lon Craver

SIGNATURE

No. Of Pages	Today's Date 10-30-95	Time 1520	MICRON 2805 EAST COLUMBIA Rd BOISE, ID 83706-9698 (208)368-4000	
To Lori Greaves	From John Campbell			
Company Dept. of Water Resources	Company Micron Technology			
Address Boise Idaho	Address 2805 E Columbia Rd Bois			
Fax # 334-2348	Telephone # 334-2190	Fax # 368-3121	Telephone # 368-338	
Comments Lori: The flow totals for well #3 are low. The correct rate of 880 GPM is being supplied to the totalizer but is only totalizing at about 480 GPM. I have informed our instrumentation people and they are checking into the problem right now. The do				
Send: Immediately ☐ After 5:00 pm ☐ Before 8:00 am ☐				

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Thanks, Lori. Would you plz follow up w/John on this.

Dave

867-0340

week Ending	Well #2	Well #3
Jun 8	1558500	0
Jun 15	2970895	0
Jun 22	2972656	1425809
Jun 29	4889342	1435496
Jul 6	6571112	5807713
Jul 13	8437684	10594341
Jul 20	10283691	15444130
Jul 27	12368675	19039518
Aug 3	14592056	25103865
Aug 10	16493147	28540950
Aug 17	18345903	34787677
Aug 24	20848996	39598872
Aug 31	23227254	44441129
Sep 7	25728342	49286065
Sep 14	28178926	54128409
Sep 21	30721945	58953445
Sep 28	33116129	63797256
Oct 5	35467240	68631180
Oct 12	37926067	73472912
Oct 19	40379724	78311303
Oct 26	42792595	83135351
Nov 2		
Nov 9		
Nov 16		
Nov 23		
Nov 30		

MICRON TOTALIZERS

December 13, 1995

WEEK ENDING	WELL 2	GAL/WK	GPM	WELL 3	GAL/WK	GPM	*GAL/WK	*GPM
JUN 8	1558500			0				
JUN 15	2970895	1412395	140	0				
JUN 22	2972656	1761	.2	1425809				
JUN 29	4889342	1916686	190	1435496	9687	1	4042080	401
JUL 06	6571112	1681770	167	5807713	4372217	434	8406720	834
JUL 13	8437684	1866572	185	10594341	4786628	475	8820000	875
JUL 20	10283691	1846007	183	15444130	4849789	481	8880480	881
JUL 27	12368675	2084984	207	19039518	3595388	357	7630560	757
AUG 03	14592056	2223381	221	25103865	6064347	602	10100160	1002
AUG 10	16493147	1901091	189	28540950	3437085	341	7469280	741
AUG 17	18345903	1852756	184	34787677	6246727	620	10281600	1020
AUG 24	20848996	2503093	248	39598872	4811195	477	8840160	877
AUG 31	23227254	2378258	236	44441129	4842257	480	8870400	880
SEP 07	25728342	2501088	248	49286065	4844936	481	8880480	881
SEP 14	28178926	2450584	243	54128409	4842344	480	8870400	880
SEP 21	30721945	2543019	252	58953445	4825036	479	8860320	879
SEP 28	33116129	2394184	238	63797356	4843811	481	8880480	881
OCT 05	35467240	2351111	233	68631180	4833924	480	8870400	880
OCT 12	37926067	2458827	244	73472912	4841732	480	8870400	880
OCT 19	40379724	2453657	243	78311303	4838391	480	8870400	880
OCT 26	42792595	2412871	239	83135351	4824048	479	8860320	879

*Per John Campbell: The totals recorded for well #3 are ~400 gallons less than what was actually being used. The flowmeter has been repaired, as of 11/07/1995, and is now reading the correct pumping rate of ~880 gpm.

Based on this information, the inaccurate readings submitted have been adjusted with an additional 400 gpm to reflect the actual amount used.

Raw water acquisition from on-site wells

Week Ending	Well #2	Well #3	Well #4
Jun 8	1558500	0	0
Jun 15	2970895	0	0
Jun 22	2972656	1425809	0
Jun 29	4889342	1435496	0
Jul 6	6571112	5807713	0
Jul 13	8437684	10594341	0
Jul 20	10283691	15444130	0
Jul 27	12368675	19039518	0
Aug 3	14592056	25103865	0
Aug 10	16493147	28540950	0
Aug 17	18345903	34787677	0
Aug 24	20848996	39598872	0
Aug 31	23227254	44441129	0
Sep 7	25728342	49286065	0
Sep 14	28178926	54128409	0
Sep 21	30721945	58953445	0
Sep 28	33116129	63797256	0
Oct 5	35467240	68631180	0
Oct 12	37926067	73472912	0
Oct 19	40379724	78311303	0
Oct 26	42792595	83135351	0
Nov 2	45235875	87966571	0
Nov 9	47686666	1474747	0
Nov 16	50100585	2353631	0
Nov 23	52541621	3234650	4731593
Nov 30	54939073	4105118	7671245
Dec 7	57590293	5056978	11091493
Dec 14	59805039	5852178	13971942
Dec 21	62250395	6721389	17164513
Dec 28	64570027	7586188	20357085
Jan 4	66988272	8452896	23629598

*All values are in cumulative total gallons with the exception of Well #3 after November 2nd which is thereafter shown as gallons x10.

January 08, 1996

MICRON TOTALIZERS

WEEK ENDING	WELL 2	GAL/MK	GPM	CFS	WELL 3	*GAL/MK	*GPM	CFS	WELL 4	GAL/MK	GPM	CFS	TOTAL CFS 2.3.4
JUN 8	1558500												
JUN 15	2970895	1412395	140	.31									.31
JUN 22	2972656	1761	.2	-	4032000								-
JUN 29	4889342	1916686	190	.42	8074080	4042080	401	.89					1.31
JUL 06	6571112	1681770	167	.37	16480800	8406720	834	1.86					2.23
JUL 13	8437684	1866572	185	.41	25300800	8820000	875	1.95					2.36
JUL 20	10283691	1846007	183	.41	34181280	8880480	881	1.96					2.37
JUL 27	12368675	2084984	207	.46	41811840	7630560	757	1.89					2.15
AUG 03	14592056	2223381	221	.49	51912000	10100160	1002	2.23					2.72
AUG 10	16493147	1901091	189	.42	59381280	7469280	741	1.85					2.07
AUG 17	18345903	1852756	184	.41	69662880	10281600	1020	2.27					2.68
AUG 24	20848996	2503093	248	.55	78503040	8840160	877	1.96					2.51
AUG 31	23227254	2378258	236	.53	87373440	8870400	880	1.96					2.49
SEP 07	25728342	2501088	248	.55	96253920	8880480	881	1.96					2.51
SEP 14	28178926	2450584	243	.54	105124320	8870400	880	1.96					2.50
SEP 21	30721945	2543019	252	.56	113984640	8860320	879	1.96					2.52
SEP 28	33116129	2394184	238	.53	122865120	8880480	881	1.96					2.49
OCT 05	35467240	2351111	233	.52	131735520	8870400	880	1.96					2.48
OCT 12	37926067	2458827	244	.54	140605920	8870400	880	1.96					2.50
OCT 19	40379724	2453657	243	.54	149476320	8870400	880	1.96					2.50

WEEK ENDING	WELL 2	GAL/WK	GPM	CFS	WELL 3	*GAL/WK	*GPM	CFS	WELL 4	GAL/WK	GPM	CFS	TOTAL CFS 2.34
OCT 26	42792595	2412871	239	.53	158336640	8860320	879	1.96					2.49
NOV 02	45235875	2443280	242	.54	167196960	8860320	879	1.96					2.50
NOV 09	47686666	2450791	243	.54	14747470								.54
NOV 16	50100585	2413919	239	.53	23536310	8788840	872	1.94					2.47
NOV 23	52541621	2441036	242	.54	32346500	8810190	874	1.95	4731593				2.49
NOV 30	54939073	2397452	238	.53	41051180	8704680	864	1.93	7671245	2939652	292	.65	3.11
DEC 07	57590293	2651220	263	.59	50569780	9518600	944	2.11	11091493	3420248	339	.76	3.46
DEC 14	59805039	2214746	220	.49	58521780	7952000	789	1.76	13971942	2880449	286	.64	2.89
DEC 21	62250595	2445556	243	.54	67213890	8692110	862	1.92	17164513	3192571	317	.71	3.17
DEC 28	64570027	2319432	230	.51	75861880	8647990	858	1.91	20357085	3192572	317	.71	3.13
JAN 04	66988272	2418245	240	.54	84528960	8667080	860	1.91	23629598	3272513	325	.72	3.17

* Per John Campbell: Through November 2, the totalizer for well #3 was recording use at ~480 gpm, when actual use was ~880 gpm. On November 7, the totalizer was repaired and now reads accurately.

Based on this information, the cumulative totals submitted for well #3 through November 2 have been adjusted on the table above with an additional 400 gpm to reflect actual use.

Micron's ground water appropriation limit:

License 63-09357 0.60 cfs
License 63-10208 0.61 cfs
Permit 63-11293 2.25 cfs
TOTAL 3.46 cfs

LATEST APPROVED
TRANSFER

MEMORANDUM

TO: FILE NO. 63-11293

FROM: PAM SKAGGS/STATE OFFICE

SUBJECT: TRANSFER NO. 4553

DATE: September 6, 1995

=====

Transfer No. 4553 was filed to add an additional point of diversion and expand the place of use to include the entire manufacturing facility under Right No. 63-11293. The new larger well, no. 4, was approved under previous Transfer No. 4532 which made a similar change to Right Nos. 63-09357 and 63-10208.

All Micron groundwater rights will be diverted from the two wells, nos. 3 and 4, identified under this approval for use within the entire facility. Original well nos. 1 and 2 are being maintained for backup, water quality monitoring and future uses.

This right is located within the Southeast Boise Ground Water Management Area and subject to conditions of the Order designating the area. Recommended approval conditions include multiple points of diversion/measuring devices, future annual reporting and standard transfer conditions.

RECEIVED

DEC 29 1994

WATER RESOURCES
WESTERN REGION

December 22, 1994

Mr. David Tuthill
Idaho Department of Water Resources
2735 Airport Way
Boise, ID 83705

Drilling Permit Appl.
with T. 4532
(63-9357) 10208
Wells 1 & 2

Subject: Water Rights and Drilling Prospectus for Proposed Micron Well No. 4

Dear Dave:

Micron Technology desires to replace two of their existing production wells with a single high-capacity well. The two wells to be replaced are Micron Well Nos. 1 and 2. The proposed new well is designated Micron Well No. 4.

63-11293
Micron Well No. 4 will be located on the south edge of the existing Micron facilities, approximately 3,000 feet south of Columbia Road and 200 feet east of Federal Way. The well will be sized to produce the existing water right from Wells 1 and 2 (1.21 cfs) plus the water right for Micron Well No. 3 (2.25 cfs). The ability to produce the Well No. 3 production rate will provide a backup supply for periods when Well No. 3 is shut down for maintenance. Well No. 4 will be equipped with a variable speed pump to allow pumping at the varied discharge rates. Regardless of which wells are being used, Micron will not exceed the diversion rate authorized by their existing water right permit and licenses.

Micron proposes to maintain existing Wells 1 and 2. The wells will be used for water quality monitoring. They will also be available as a backup supply source in event that Well No. 4 fails. Therefore, future pumping of Wells 1 and 2 is not anticipated except during emergency periods or for collection of quarterly groundwater quality samples. The wells will also remain available for potential future artificial recharge injection points. Note that Well No. 1 is currently not operable due to local water-level declines.

In order to accomplish the well replacement, Micron will add diversion points to their water right permit and two water right licenses. At the same time, I believe that it would be a good idea to change the authorized place of use for these water rights to include the entire Micron campus so that the water can be used in the new facilities currently under construction. I have enclosed an Application for Transfer of Water Right and an Application for Amendment of a Permit that add the new diversion point and place of use to the water rights.

Note that although the place of use will be larger, the amount of water pumped by Micron will not increase. Micron is currently in the process of implementing wastewater treatment facilities that will allow reuse of a large portion of their industrial water supply. The wastewater treatment project is being implemented in stages, with a goal of an 80 percent recycle rate for the industrial water supply. The water recycle project

Attachment B (2 pgs)

December .

should allow Micron to increase chip production capacity without increase groundwater production.

Also enclosed is an Application for Drilling Permit. The application includes schematic diagrams of two design options currently under consideration for Well No. 4. We anticipate that the well will be constructed using air rotary drilling through the basalt to a depth of approximately 160 feet. Below the basalt, the well will be drilled with mud rotary methods. Anticipated total well depth is 1,100 feet. We hope to begin construction of the well in late winter or early spring 1995.

I assume that the enclosed materials and accompanying fees cover all of the water right and drilling prospectus submittals required for the project. Please contact me at your earliest convenience if additional information or submittals are needed.

Sincerely,



Terry M. Scanlan, P.E., P.G.
Engineer/Hydrogeologist

Enclosures

cc: Vic Lewis

CURRENTLY
PROPOSED
TRANSFER

NOTICE OF PROPOSED CHANGE OF
WATER RIGHT NOS. 63-09357, 63-10208, AND 63-11293
TRANSFER NO. 4758

Notice is hereby given that Micron Technology, Inc., PO Box 6, 8000 S Federal Way, Boise, ID 83707, has applied to the Department of Water Resources to add a point of diversion and change the place of use to the following described water rights pursuant to I.C. § 42-222:

WATER RIGHTS AS RECORDED:

License No. 63-09357 for .60 cfs, priority date 3/12/1980, Points of Diversion for wells in NENW (wells #1 & 2) and NESW (well #4), S7, T2N, R3E, Ada County for Industrial & Fire Protection use all year in NW of S7.

License No. 63-10208 for .61 cfs, priority date 11/22/1983, Points of Diversion same as above, for Industrial & Domestic use all year in NW of S7.

License No. 63-11293 for 2.25 cfs, priority date 4/19/1990, Points of Diversion for wells in SWNW, Lt 2 (well #3) and NESW (well #4), S7, T2N, R3E, Ada County for Industrial use all year in NW of S7.

TO BE CHANGED AS FOLLOWS:

Add a new well (Micron Well #5) in SESWNE, S7 and change place of use to existing and new facilities in W1/2NE, NW, and NESW, S7, T2N, R3E.

Well #1 will be abandoned. Well #2 will become a monitoring well. Wells #3, 4, and 5 will be the main production wells. Use of water recycling techniques will prevent increased amounts of water being used; total use under the three rights will remain at 3.46 cfs and 2416.6 afa maximum.

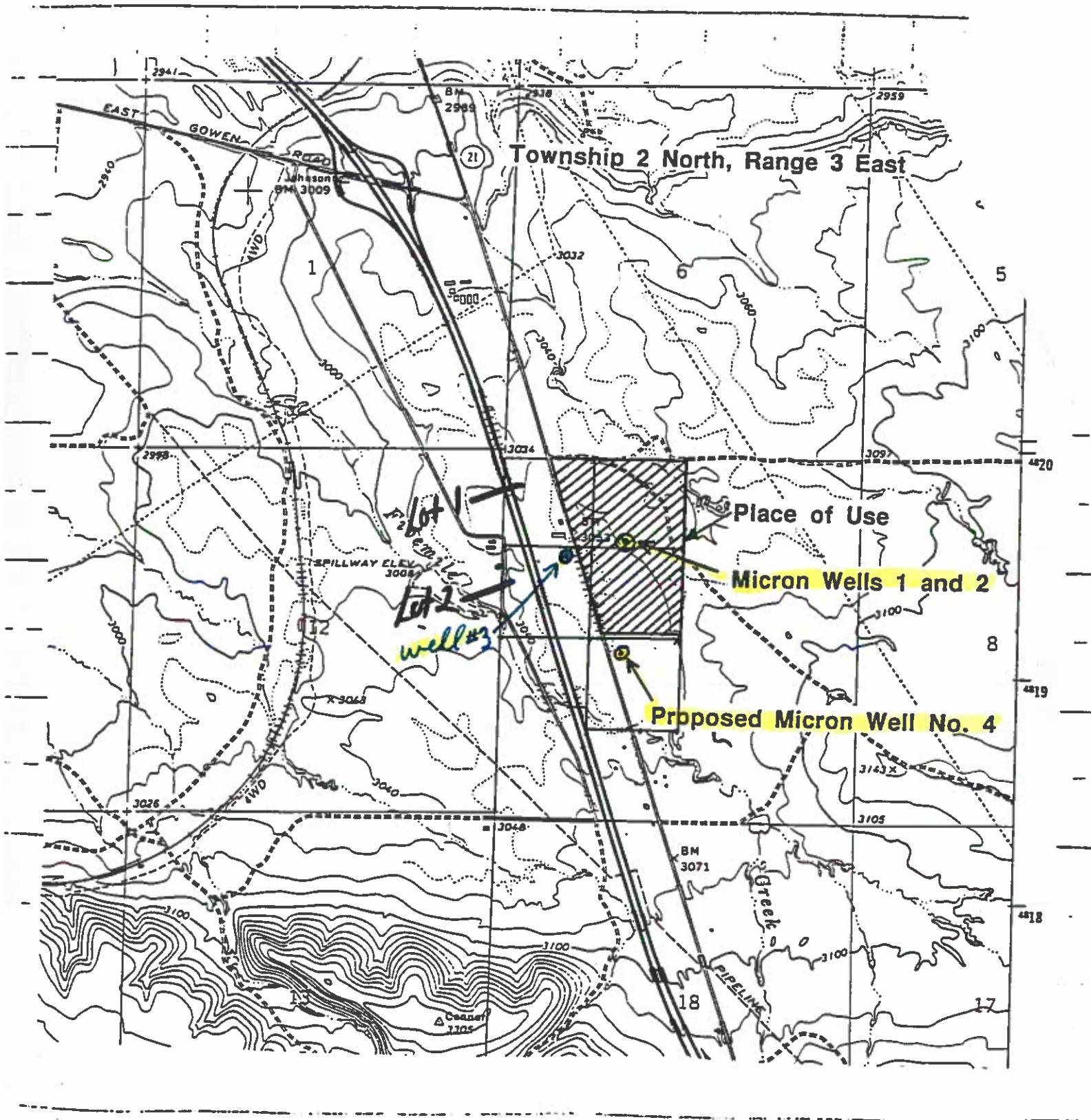
Any protest against the approval of the proposed change of water right application must be filed with the Department of Water Resources, Western Region, 2735 Airport Way, Boise, ID 83705, together with a protest fee of \$25.00, on or before _____. The protestant must also send a copy of the protest to the applicant.

Karl J. Dreher
Director

Published in the _____
on _____ and _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 3

- A. Draw a map or attach a USGS map indicating the new point(s) of diversion and/or the new place of use for in part 1. Clearly depict the land by section, township and range number.



MICRON

7/25/95

WELL #3 Flow measurement readings:

1. IDWR Poly Son - ~900 GPM
2. Eagle Eye Flowmeter - 960 GPM
3. Dart II Flowmeter + Totalizer - 1050 GPM

WELL #2 Flow measurement readings:

1. IDWR Poly Son - ~220 GPM
2. Eagle Eye Flowmeter - 245 GPM
3. Dart II Flowmeter + Totalizer - 220 GPM

368-4000

John Cambell is sending the spread sheets for the total gallons pumped on both wells since the Dart II measuring devices were installed.

(Wells operated 24 hrs/dy)

WATER RIGHTS WITHIN THE SEBGWMA WITH MEASUREMENT REQUIREMENT

	WR #	Name	Stage	CFS	Measuring Devise	Well Lo
1	63-03118	IDAHO POWER	License	1.4	OPTION 1	no
2	63-03197	IDAHO POWER	License	0.51	OPTION 1	no
3	63-03544	IDAHO POWER	License	2.67	OPTION 1	no
	63-03416	TRUS JOIST MACMILLAN	License	0.56	OPTION 1	no
	63-07304	THINDERBIRD DEV.	License	0.36		no
	63-07199	EMKAY DEV	LICENSE	1.09	OPTION 1	no
	63-08006	GRANGER	LICENSE	0.82	OPTION 2	no
	63-11546	CROMAN CORP	LICENSE	0.29	OPTION 1	no
	63-11610	SIMPLOT	PERMIT	1.1	OPTION 1	YES
	63-11566	IND. SCHOOL DIST	PERMIT	0.3	OPTION 1	YES
2	63-12062	IND. SCHOOL DIST	PERMIT	0.22	OPTION 1	no
	63-07577	BOISE WATER CORP	LICENSE	2.01	OPTION 1	YES
2	63-08236	BOISE WATER CORP	LICENSE	3.63	OPTION 1	YES
3	63-08992	BOISE WATER CORP	PERMIT	7	OPTION 1	no
4	63-08992	BOISE WATER CORP	LICENSE	1.97	OPTION 1	no
5	63-09029	BOISE WATER CORP	PERMIT	4	OPTION 1	no
6	63-11541	BOISE WATER CORP	PERMIT	2.9	OPTION 1	YES
7	63-11949	BOISE WATER CORP	PERMIT	1.1	OPTION 1	YES
1	<u>63-10208</u>	MICRON TECHNOLOGY	LICENSE	0.61	OPTION 1	YES
2	63-11293	MICRON TECHNOLOGY	PERMIT	2.25	OPTION 1	YES

USE PERIOD FROM TO	DIVERSION RATE	DIVERSION VOLUME
01-01 12-31	2.250 CFS	1613.00 AFA
1. DIVERSION:	2.250 CFS	1613.00 AFA

Stage: LICENSE

ADA County

端

[illegible]

Other Water Rights Listing Overlapping Place(s) of use:
63-09374

- Water used under this right if discharged into a natural
- channel or subsurface system shall meet Idaho Water Quality
- Standards.

Dates: **App. Received:** **04/19/1990** **Priority Date:** **04/19/1990**

App. Received:	04/19/1990	Priority Date:	04/19/1990
Proof Due Date:	08/01/1992	Proof Made Date:	12/09/1991
Exam Made Date:	04/07/1994	Exam Sent to S.O.:	11/18/1994
Licensed Date:	02/02/1995		

Field Exam Fee:

Comments: **Date:** 12/09/1991 **User-ID:** VMLT **Subject:** Proof of Beneficial Use Rcvd
Proof of Beneficial Use Rcvd

Date: 12/29/1994 User-ID: BCHAPMAN Subject: P/D INFORMATION
This well is known as Micron Well No. 3.

Audit: 05/09/90 GARRETT 07/24/90 CURTIS 07/26/90 CURTIS 07/27/90 CURTIS

WR5809NP
No. 63-11293

IDAHO DEPARTMENT OF WATER RESOURCES
WATER RIGHT PROFILE REPORT

DATE: 03/31/95
PAGE: 18

Audit: 12/09/91 COMMENTS 12/13/91 COMMENTS 12/13/91 GUSTAFSSO 04/20/94 TAYLOR
11/18/94 VROBINSO 01/25/95 SKEEN 12/29/94 BGHAPMAN 01/25/95 SKEEN

SEBGWMA WELL INVENTORY

Owners Name Micron Technology Inc

Address 2805 E Columbia Rd., Boise Id 83706

Telephone (208) 368-4000 Fax: (208) 368-2536

W.R. Number 63-11293

Location: T 2N R 3E S 7 1/4 NE 1/4 NW

Directions to Well:

East side of Micron. By Main Building in
a Pump house. Will have to be escorted
by Micron employee.

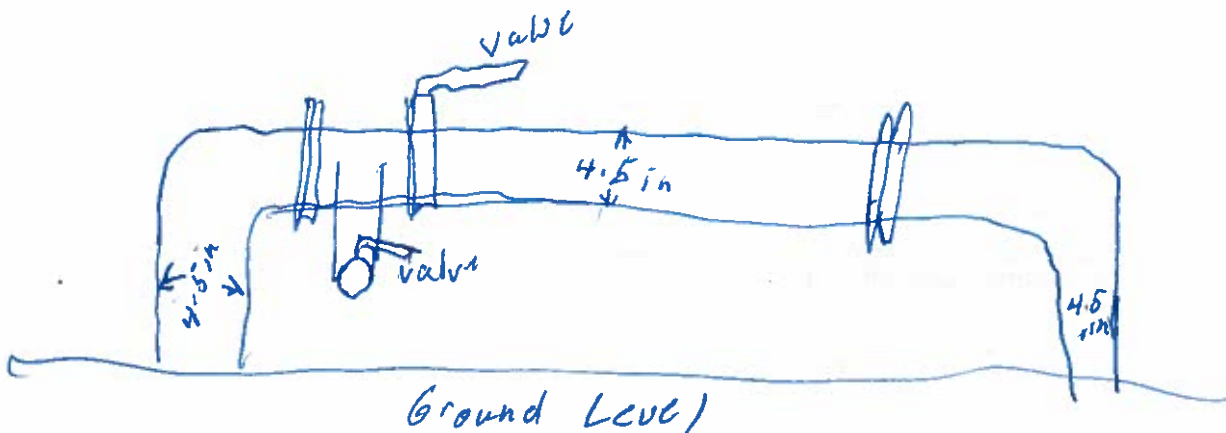
Diversion Unit Data:

Motor Brand Franklin HP 50 Serial # _____

Pump Brand Sta-rite Serial # model 2325-T6-01

Pipeline Discharge Size 4.5 in

System Diagram:



Narrative:

Place sensor on upper portion of pipe. See Photo.
Couldn't get a steady 'R' at first. But entered
with a blinking 'R' and started to run
% error checks and were within error
range so reading was good. 'R' became
steady. Referred to as well #2

Measurements

Measuring equipment Polysonic Flow meter

Serial # 150231

Results:

Notes:

1) IOWR polyson - 218.6 GPM
2) Eagle Eye Flowmeter - 245 GPM
10.7 %
3) Dart II Flowmeter +
Totalizer - 220 GPM
2190

Maps, Photographs - See Attached:

Yes ☒

No ☐

Craig L. Smith Intern

Inspector's Name and Title

7-25-95

Date

63-11293
measurement results

MM-DD HH:MM
07-25 11:26

MODE SELECT
INPUT

OUTER DIAMETER
4.6154 IN

PIPE MATERIAL
? CS,SS

WALL THICKNESS
.23000 IN

INNER LINING
? NO LING

KIND OF FLUID
? WATER

SENSOR MOUNTING
? U

TYPE OF SENSOR
? SMALL

DATA CHANGE
? NO

SPACING
3.079 IN U

ZERO MODE
CLEAR

ZERO MODE
AUT ZERO

Try I
no work

MODE SELECT
INPUT

OUTER DIAMETER
4.6154 IN

PIPE MATERIAL
? CS,SS

WALL THICKNESS
0.2299 IN

INNER LINING
? NO LING.

KIND OF FLUID
? WATER

SENSOR MOUNTING
? U

TYPE OF SENSOR
? SMALL

DATA CHANGE
? NO

SPACING
3.079 IN U

ZERO MODE
CLEAR

ZERO MODE
AUT ZERO

ZERO MODE
ZERO OPR

07-25 11:4400 *R
+ 2.178E 2GPM

07-25 11:4400 *R
+ 2.113E 2GPM

07-25 11:4500 *R
+ 2.267E 2GPM

MODE SELECT
T0 CHECK

0152.6 MMSEC
098.27 % T0

07-25 11:4600 *R
+002.30 % AI2

WR # 63-11293

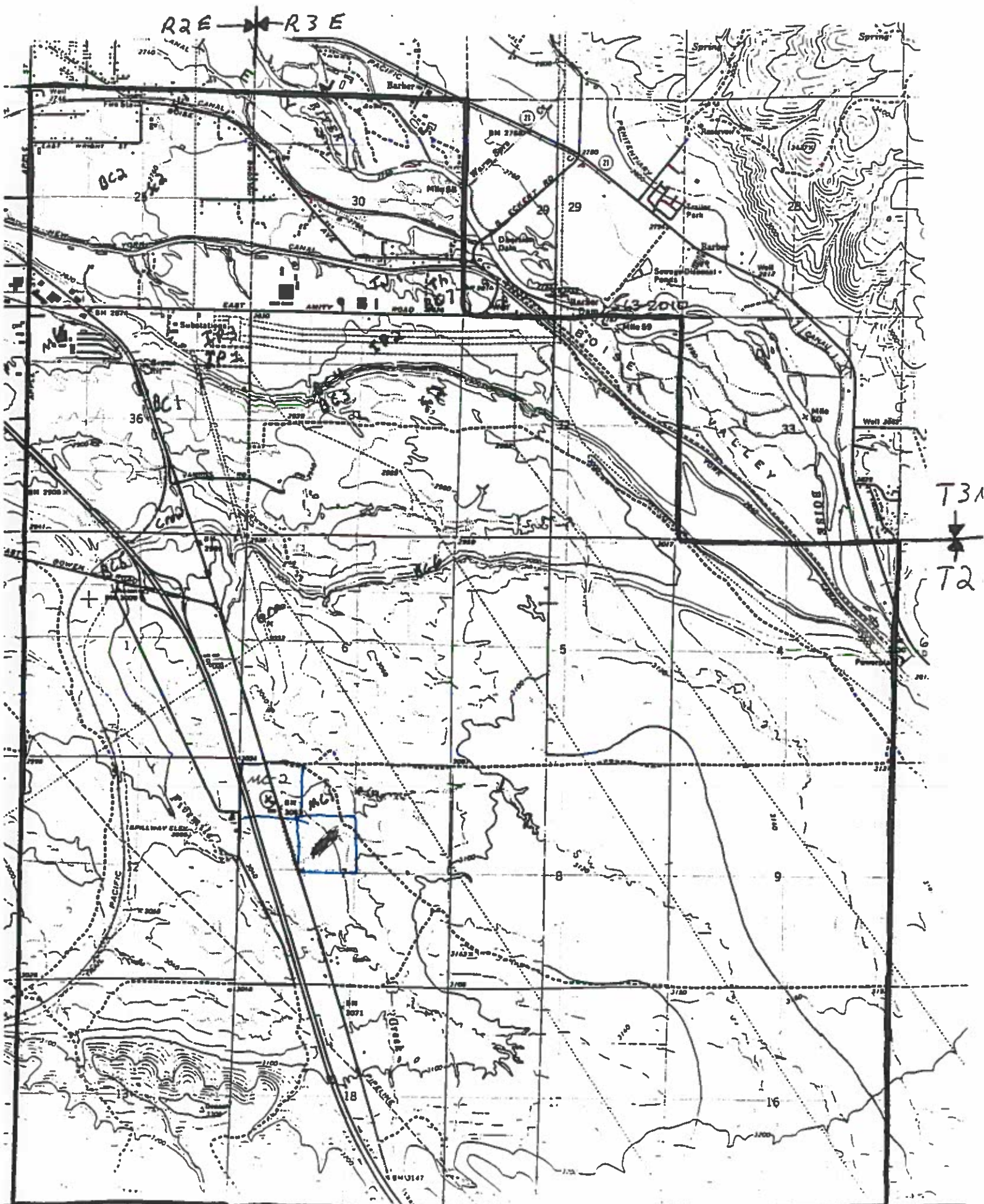


Well location
Just outside
of pump house.



Discharge
Pipe where
measurement
was taken.

Location of 63-11293



Location of 6341293



WELL DRILLER'S REPORT

State law requires that this report be filed with the Director, Department of Water Resources within 30 days after the completion or abandonment of the well.

RECEIVED
MAY 7 1991

Page 1 of 2

1. WELL OWNER

Name Micron Technology
Address 2805 E. Columbia, Boise, ID 83706
Drilling Permit No. 63-90-W-087
Water Right Permit No. 63-11293

7. WATER LEVEL

Static water level 405 feet below land surface.
Flowing? ☐ Yes ☒ No
Artesian closed-in pressure _____ p.s.i.
Controlled by: ☐ Valve ☐ Cap ☐ Plug
Temperature 79 °F. Quality _____
Describe artesian or temperature zones below.

2. NATURE OF WORK

☒ New well ☐ Deepened ☐ Replacement
☐ Well diameter increase
☐ Abandoned (describe abandonment procedures such as materials, plug depths, etc. in lithologic log)

8. WELL TEST DATA

☒ Pump ☐ Bailor ☐ Air ☐ Other _____

Discharge G.P.M.	Pumping Level	Hours Pumped
1400	473'	24

3. PROPOSED USE

☐ Domestic ☐ Irrigation ☐ Test ☐ Municipal
☒ Industrial ☐ Stock ☐ Waste Disposal or Injection
☐ Other _____ (specify type)

9. LITHOLOGIC LOG

Bore Diam.	Depth		Material	Water	
	From	To		Yes	No
24	0	2	Top soil		
	2	5			
	5	10	Cemented Gravel		
24	10	168	Lava rock		
16	168	210	Hard packed brown & cobbles		
	210	218	Course brown sand & gravel		
	218	260	Hard packed silty sand & clay		
	260	266	Light brown sand & small gravel		
	266	285	Light brown med to course sand and clay		
	285	340	Brown hand packed sand & clay		
	340	366	Course brown gravel		
	366	401	Med to fine brown sand&gravel	X	
	401	410	Brown course sand & gravel		
			traces of clay	X	
	410	422	Brown med to course hand packed sand & gravel		
	422	440	Brown course sand & gravel	X	
	440	452	Brown clay & silty sand and gravel		
	452	520	Hand packed brown sand&gravel		
	520	529	Med to course brown sand and small gravel		X
	529	580	Course brown sand gravel&clay		
	580	589	course brown sand & gravel	X	
16	589	640	Redish brown clay sand&gravel		
12	640	650	Gray clay sand & gravel		
	650	675	Grayish brown med to course sand & gravel		X
	675	695	Brown sand & clay		
	695	704	Fine light brown sand	X	
	704	750	Soft light brown clay & sand		
	750	765	Brown clay and sand		
	765	770	Redish brown clay and gravel		
	770	795	Gray clay and gravel		
12	795	805	Brown sand traces of clay	X	

4. METHOD DRILLED

☐ Rotary ☐ Air ☐ Hydraulic ☐ Reverse rotary
☒ Cable ☐ Dug ☐ Other _____

5. WELL CONSTRUCTION

Casing schedule: ☒ Steel ☐ Concrete ☐ Other _____

Thickness	Diameter	From	To
.375 inches	16 inches	0 feet	600 feet
250 inches	20 inches	0 feet	40 feet
_____ inches	_____ inches	_____ feet	_____ feet
_____ inches	_____ inches	_____ feet	_____ feet

Was casing drive shoe used? ☒ Yes ☐ No

Was a packer or seal used? ☒ Yes ☐ No

Perforated? ☐ Yes ☐ No

How perforated? ☐ Factory ☐ Knife ☐ Torch ☐ Gun

Size of perforation _____ inches by _____ inches

Number	From	To
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet
_____ perforations	_____ feet	_____ feet

Well screen installed? ☒ Yes ☐ No

Manufacturer's name Johnson Well Screen

Type Stainless Steel Model No. 304

Diameter 8" Slot size 60 Set from 600 feet to 865 feet

Diameter 8" Slot size 15 Set from 865 feet to 995 feet

Gravel packed? ☐ Yes ☒ No ☐ Size of gravel _____

Placed from _____ feet to _____ feet

Surface seal depth 168 Material used in seal: ☒ Cement grout

☒ Bentonite ☐ Puddling clay ☐ _____

Sealing procedure used: ☐ Slurry pit ☐ Temp. surface casing

☒ Overbore to seal depth

Method of joining casing: ☐ Threaded ☒ Welded ☐ Solvent

Weld

☐ Cemented between strata

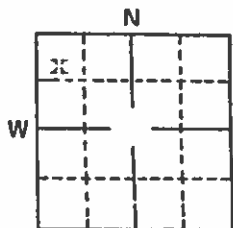
Describe access port 2" Pipe welded to casing

10.

Work started 5/3/90 finished 4/30/91

6. LOCATION OF WELL

Sketch map location must agree with written location.



Subdivision Name _____

Lot No. _____ Block No. _____

County Ada

NW ¼ NW ¼ Sec. 7, T. 2 N ☒ S ☐ R. 3 E ☒ W ☐

11. DRILLERS CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Firm Name Hiddleston & Son, Inc Firm No. 35

Rt. 3, Box 610-D

Address Idaho Falls, ID 83407 Date 5/6/91

Signed by (Firm Official) [Signature]

and

(Operator) [Signature]

WATER RIGHTS WITHIN THE SEBGWMA WITH MEASUREMENT REQUIREMENT

WR #	Name	Stage	CFS	Measuring Devise	Well Lo
63-03118	IDAHO POWER	License	1.4	OPTION 1	no
63-03197	IDAHO POWER	License	0.51	OPTION 1	no
63-03544	IDAHO POWER	License	2.67	OPTION 1	no
63-03416	TRUS JOIST MACMILLAN	License	0.56	OPTION 1	no
63-07304	THINDERBIRD DEV.	License	0.36		no
63-07199	EMKAY DEV	LICENSE	1.09	OPTION 1	no
63-08006	GRANGER	LICENSE	0.82	OPTION 2	no
63-11546	CROMAN CORP	LICENSE	0.29	OPTION 1	no
63-11610	SIMPLOT	PERMIT	1.1	OPTION 1	YES
63-11566	IND. SCHOOL DIST	PERMIT	0.3	OPTION 1	YES
63-12062	IND. SCHOOL DIST	PERMIT	0.22	OPTION 1	no
63-07577	BOISE WATER CORP	LICENSE	2.01	OPTION 1	YES
63-08236	BOISE WATER CORP	LICENSE	3.63	OPTION 1	YES
63-08992	BOISE WATER CORP	PERMIT	7	OPTION 1	no
L63-08992	BOISE WATER CORP	LICENSE	1.97	OPTION 1	no
63-09029	BOISE WATER CORP	PERMIT	4	OPTION 1	no
63-11541	BOISE WATER CORP	PERMIT	2.9	OPTION 1	YES
63-11949	BOISE WATER CORP	PERMIT	1.1	OPTION 1	YES
63-10208	MICRON TECHNOLOGY	LICENSE	0.61	OPTION 1	YES
<u>63-11293</u>	MICRON TECHNOLOGY	PERMIT	2.25	OPTION 1	YES