21627

FLORENCE COPPER INC.
FLORENCE COPPER PROJECT
SECOND QUARTER 2003 MONITORING REPORT
U.I.C. PERMIT AZ396000001
AND
A.P.P. PERMIT 101704

July 28, 2003

MERRILL MINING, LLC
975 Johnson Ferry Road, Suite 450
Atlanta, Georgia 30342
404-495-9577 Fax: 404-495-9578

HUGH NOWELL
CORPORATE COUNSEL

July 28, 2003

Mr. Martin Zeleznik
Ground Water Office WTR-0
US Environmental Protection Agency Region IX
Water Management Division (WTR-9)
75 Hawthorne Street
San Francisco, California 94105-3901

RE: MONITORING REPORT FOR UIC PERMIT NUMBER AZ396000001-SECOND QUARTER 2003

Dear Mr. Zeleznik,

This report is submitted in accordance with the reporting requirements of Parts II.G.2.(a) through (j) of the referenced permit. It pertains to monitoring activities conducted at the Florence In-Situ Mine Site from April 1 through June 30, 2003. Copies of records required by Part II.G.1 are maintained at the Mine Site along with other information that is summarized in the following:

(a) A map showing the current status of the mine

Figure 1 shows the current monitoring area including the Point of Compliance (POC) wells and the wellfield. Figure 2 shows the approximate layout of the wellfield and denotes the four well pairs. There are four injection/recovery wells and nine pumping wells. Five observation wells were installed to demonstrate net inward hydraulic gradient for the 90 days required by the permit. Solution injection began on October 31, 1997, and ceased on February 8, 1998.

(b) A table and graph showing daily cumulative injection flows and extraction flows in each active mine block over the reporting period.

Daily flowrates for each well have been recorded to show the relationship of flow into and out of the wellfield. The flow rates have been combined and are shown in Figure 1of Attachment 1. Note that injection last occurred in early 1998 and that water has been continuously withdrawn since that time.

(c) A table and graph comparing average daily head in the four observation wells

Figures 2 through 5 of Attachment 1 and the supporting data compare the average daily water levels in the five observation wells with their nearest inward neighbor. Readings are either taken by continuous down-hole measurements recorded on the system computer or done manually. The figures show the hydraulic gradients were maintained throughout the quarter meeting the permit conditions.

(d) A table showing POC monitoring wells analytical results and alert levels

The attached report *Florence Project Quarterly Compliance Monitoring Report – Second Quarter 2003* by Brown and Caldwell and sealed by Ms. Tekla King, Registered Professional Geologist (Attachment 2), contains the POC monitoring records and results. Brown and Caldwell, along with Project personnel, conducted compliance sampling during the period April 14 through April 16, 2003. Quarterly parameters were conducted for 29 of the 31 POC monitor wells. POC monitor wells M32-UBF and M33-UBF were dry and could not be sampled.

Of the 116 constituents analyzed, one had a reported concentration exceeding the approved alert levels (ALs). Well M29-UBF had a reported TDS concentration of 3,200 mg/L, which exceeded the alert level of 2,751 mg/L.

Part II.F.4 of the APP (AL, Aquifer Quality Limit [AQL], and Discharge Limit [DL] Contingencies) requires verification sampling for an AL exceedance. Because the final results were obtained from the laboratory after the quarter had ended, verification sampling was not performed during the quarter. However, verification sampling will be conducted in accordance with the permit requirements and the results submitted in the next quarterly report.

In accordance with Part II.H.2.(a)2 of the Underground Injection Control (UIC) permit, the United States Environmental Protection Agency (USEPA) was notified by BHP in writing of the exceedance. A written report describing the nature and possible cause of the exceedance is also required by the USEPA under Part II.H.2.(a)3 of the UIC permit. The information provided in this quarterly report serves to fulfill this reporting requirement.

AL exceedances which are not the result of pre-operational testing do not require Level II sampling. However, it is necessary to implement a contingency sampling program to demonstrate the nature of the TDS exceedance as required in Part II.F.4.a.(2)(b) of the APP. Since no other field parameter or analytical result showed a substantial change in value compared to the historical records for this well, and Florence Copper has demonstrated that hydraulic control has been maintained throughout the pre-operation testing period, it is possible that the value was a result of field or laboratory error or due to random fluctuations in water quality. M29-UBF will be monitored for TDS during the third quarter to verify the exceedance.

(e) Results of the monthly analyses of organic in the injectate

Organic analyses are not required because no solution was injected during the reporting period.

(f) Results of monitoring required by 40 CFR 146.33 (b)(1)

No solution was injected.

(g) Results of the mechanical integrity tests

No mechanical integrity test was required.

(h) Results of the annular conductivity monitoring

Although injection ceased in early 1998, annular conductivity measurements have continued to the present time. A graph showing measurement results for this reporting period is presented in Attachment 1, Figure 6. A high value was calculated for BHP-7. This may be a temporary fluctuation as these calculations are extremely sensitive to minute changes. The conductivity will be measured again in the third quarter to determine if this is indicative of a physical condition of the well.

(i) Well and core hole plugging and abandonment.

None of the existing wells and core holes were abandoned during the report period.

(j) A summary of closure operations during the reporting period.

There were no closure operations during the reporting period.

Florence Copper, Inc., believes that you will find this report complete and in compliance with all permit conditions. Please contact me at (404) 495-9577 should you have any questions regarding this report.

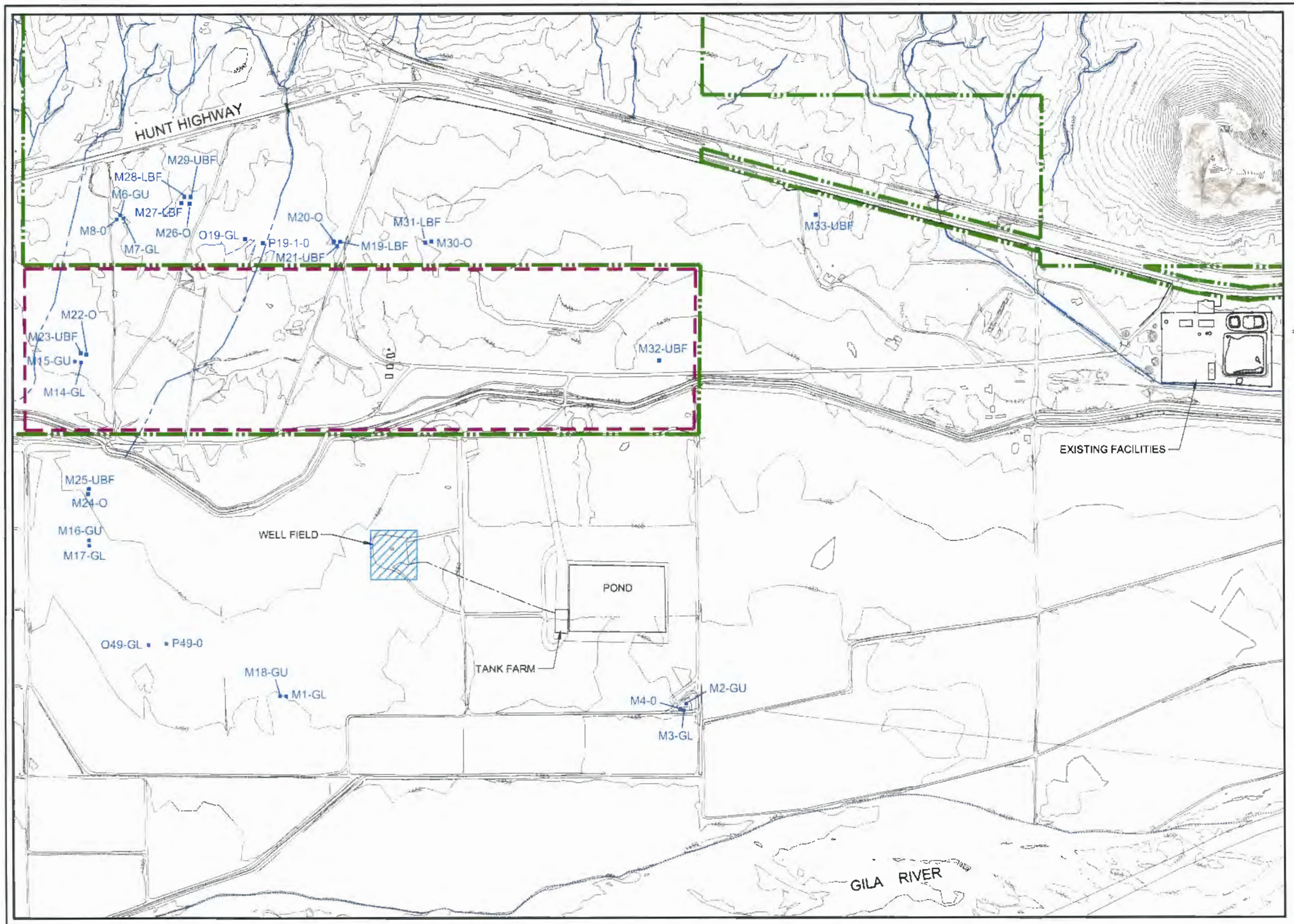
Sincerely,

Hugh Nowell
Corporate Counsel

BAS:lld
Attachments

Figures

BROWN AND CALDWELL



0 400 800

APPROXIMATE SCALE IN FEET

EXPLANATION

- APPROXIMATE PROPERTY BOUNDARY
- STATE LEASE LAND BOUNDARY
- O19-GL POC MONITORING WELL
- ENLARGED AREA ON FIGURE 2

BROWN AND CALDWELL

Figure 1

MONITORING AREA

MERRILL MINING, L.L.C.
FLORENCE, ARIZONA

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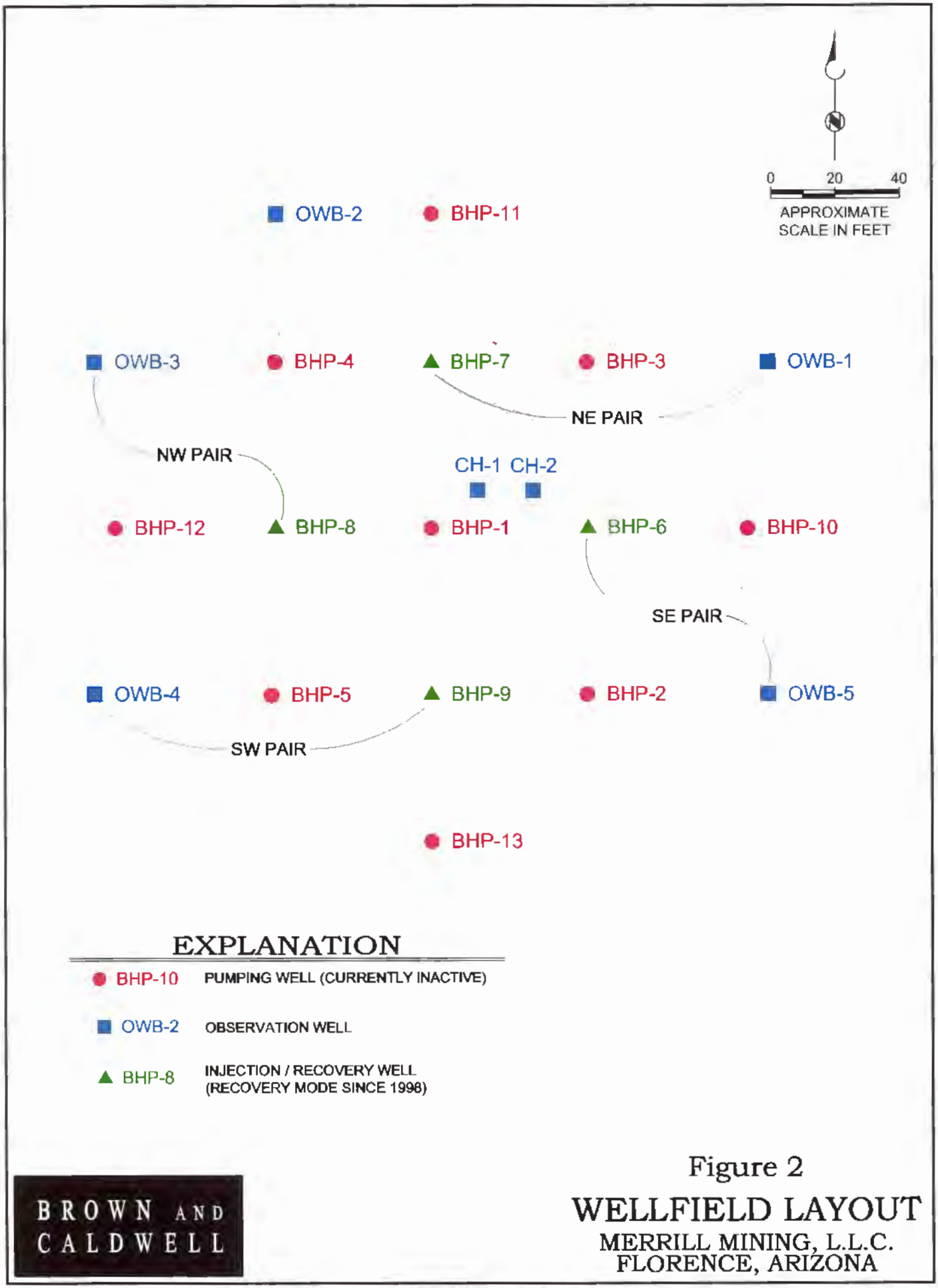

BROWN AND CALDWELL

Figure 2

WELLFIELD LAYOUT

MERRILL MINING, L.L.C.
FLORENCE, ARIZONA

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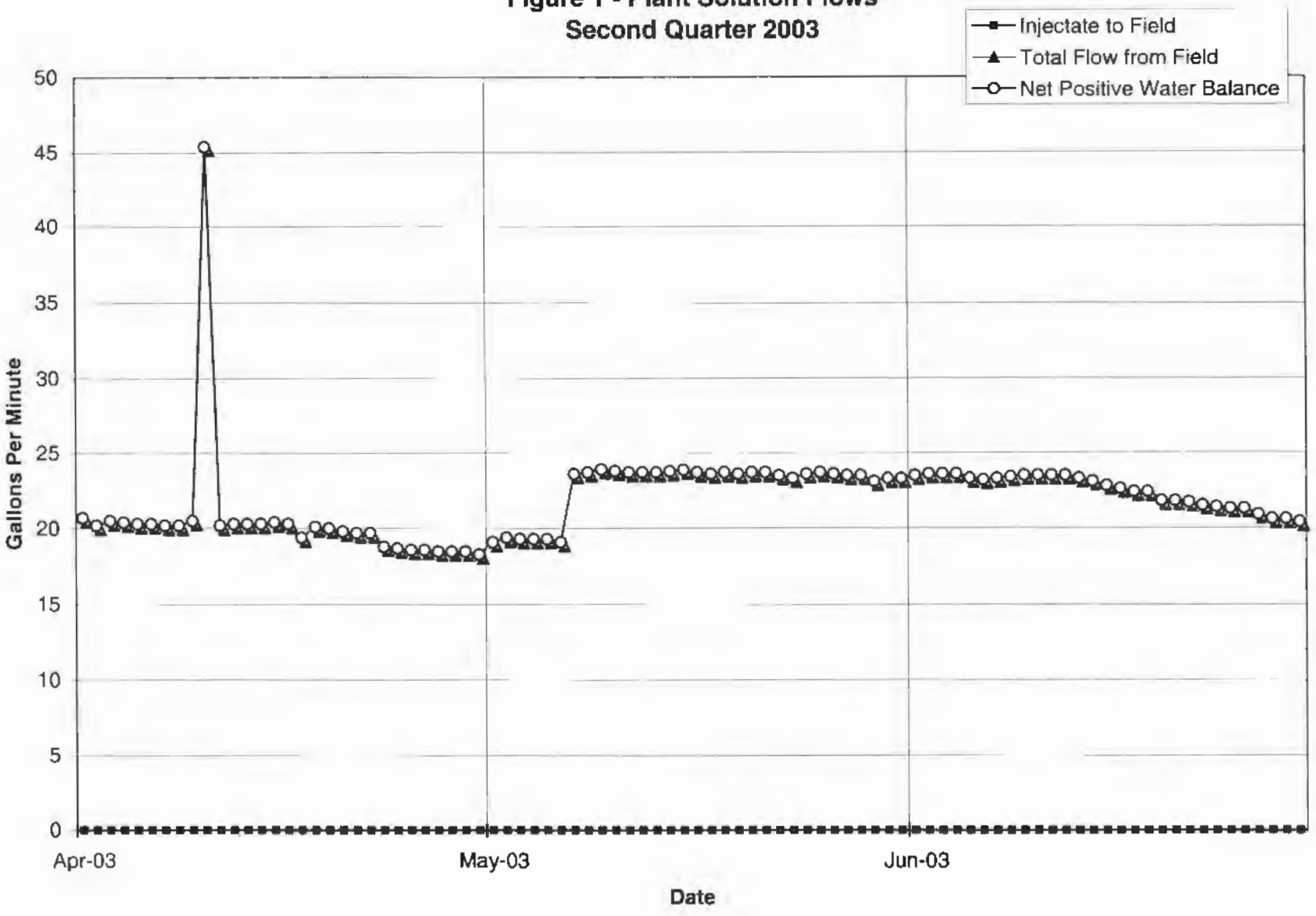
BROWN AND CALDWELL

BROWN AND CALDWELL

ATTACHMENT 1

MINE OPERATIONS MONITORING

Figure 1 - Plant Solution Flows
Second Quarter 2003



BROWN AND CALDWELL

P:\Gen\Florence\21622 (MM)\Quarterlies\Operation Monitoring\2003\2Q03\Hydraulic Control 2Q03.xls:Fig 1

7/11/2003

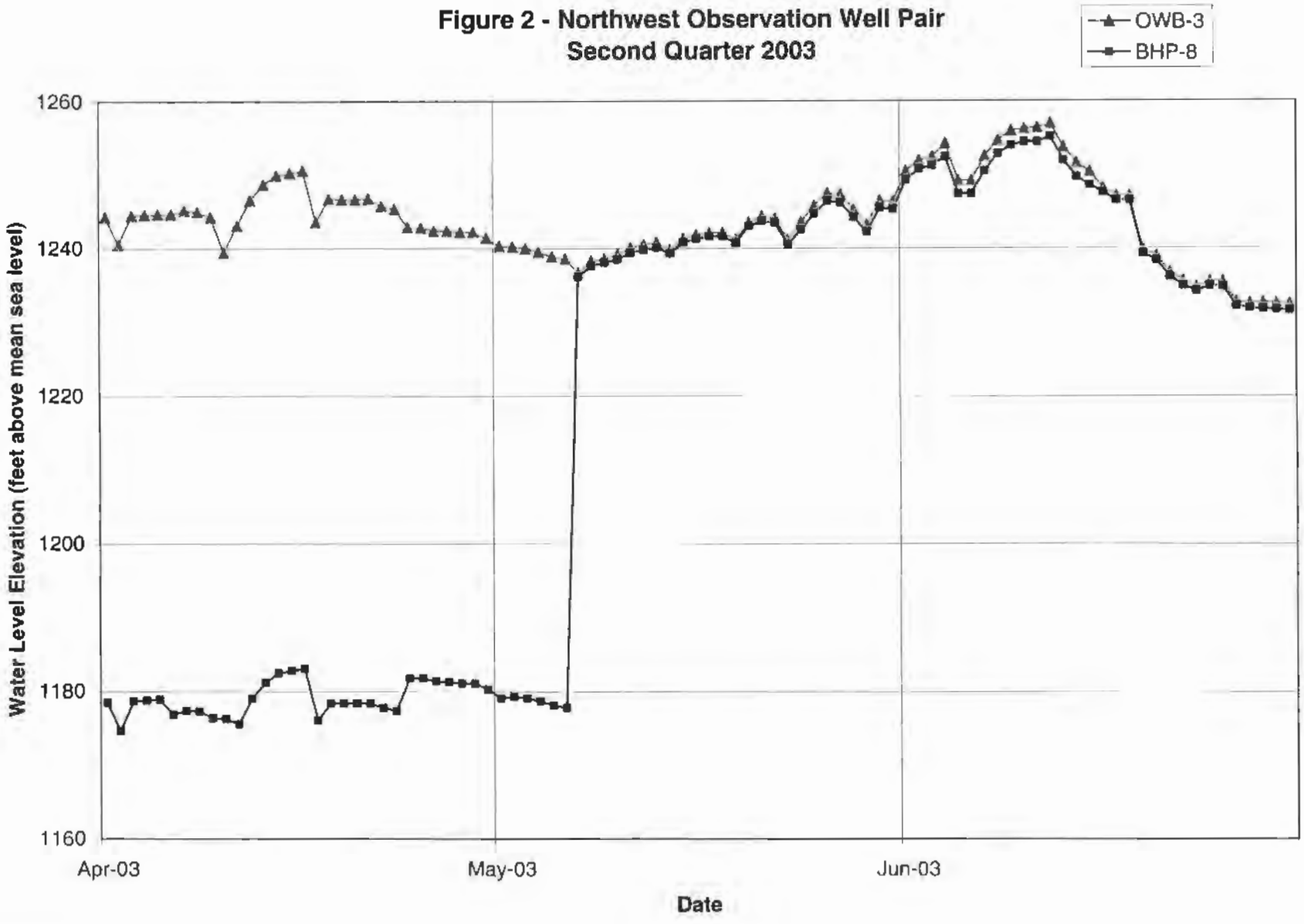
Plant Solution Flows - Daily Averages
Second Quarter 2003

Date	Injectate to Field (gpm)	BHP-6 (gpm)	BHP-7 (gpm)	BHP-8 (gpm)	BHP-9 (gpm)	Total Flow from Field (gpm)	Net Positive Water Balance (gpm)	Maintained Hydrologic Control (Yes/No)
4/1/2003	0	0.0	12.4	8.3	0.0	20.7	20.7	Yes
4/2/2003	0	0.0	12.1	8.1	0.0	20.2	20.2	Yes
4/3/2003	0	0.0	12.2	8.3	0.0	20.5	20.5	Yes
4/4/2003	0	0.0	12.1	8.3	0.0	20.4	20.4	Yes
4/5/2003	0	0.0	12.1	8.2	0.0	20.3	20.3	Yes
4/6/2003	0	0.0	12.0	8.3	0.0	20.3	20.3	Yes
4/7/2003	0	0.0	11.9	8.3	0.0	20.2	20.2	Yes
4/8/2003	0	0.0	11.9	8.3	0.0	20.2	20.2	Yes
4/9/2003	0	0.0	12.2	8.3	0.0	20.5	20.5	Yes
4/10/2003	0	13.0	11.7	7.9	12.8	45.4	45.4	Yes
4/11/2003	0	0.0	12.0	8.2	0.0	20.2	20.2	Yes
4/12/2003	0	0.0	12.0	8.3	0.0	20.3	20.3	Yes
4/13/2003	0	0.0	12.0	8.3	0.0	20.3	20.3	Yes
4/14/2003	0	0.0	12.0	8.3	0.0	20.3	20.3	Yes
4/15/2003	0	0.0	12.0	8.4	0.0	20.4	20.4	Yes
4/16/2003	0	0.0	11.9	8.4	0.0	20.3	20.3	Yes
4/17/2003	0	0.0	11.4	8.0	0.0	19.4	19.4	Yes
4/18/2003	0	0.0	11.7	8.4	0.0	20.1	20.1	Yes
4/19/2003	0	0.0	11.7	8.3	0.0	20.0	20.0	Yes
4/20/2003	0	0.0	11.5	8.3	0.0	19.8	19.8	Yes
4/21/2003	0	0.0	11.4	8.3	0.0	19.7	19.7	Yes
4/22/2003	0	0.0	11.4	8.3	0.0	19.7	19.7	Yes
4/23/2003	0	0.0	11.3	7.5	0.0	18.8	18.8	Yes
4/24/2003	0	0.0	11.2	7.5	0.0	18.7	18.7	Yes
4/25/2003	0	0.0	11.1	7.5	0.0	18.6	18.6	Yes
4/26/2003	0	0.0	11.1	7.5	0.0	18.6	18.6	Yes
4/27/2003	0	0.0	11.0	7.5	0.0	18.5	18.5	Yes
4/28/2003	0	0.0	11.0	7.5	0.0	18.5	18.5	Yes
4/29/2003	0	0.0	11.0	7.5	0.0	18.5	18.5	Yes
4/30/2003	0	0.0	10.9	7.4	0.0	18.3	18.3	Yes
5/1/2003	0	0.0	11.6	7.5	0.0	19.1	19.1	Yes
5/2/2003	0	0.0	11.9	7.5	0.0	19.4	19.4	Yes
5/3/2003	0	0.0	11.9	7.4	0.0	19.3	19.3	Yes
5/4/2003	0	0.0	11.9	7.4	0.0	19.3	19.3	Yes
5/5/2003	0	0.0	11.9	7.4	0.0	19.3	19.3	Yes
5/6/2003	0	0.0	11.7	7.4	0.0	19.1	19.1	Yes
5/7/2003	0	0.0	11.5	0.0	12.1	23.6	23.6	Yes
5/8/2003	0	0.0	11.5	0.0	12.2	23.7	23.7	Yes
5/9/2003	0	0.0	11.6	0.0	12.3	23.9	23.9	Yes
5/10/2003	0	0.0	11.6	0.0	12.2	23.8	23.8	Yes
5/11/2003	0	0.0	11.5	0.0	12.2	23.7	23.7	Yes
5/12/2003	0	0.0	11.4	0.0	12.3	23.7	23.7	Yes
5/13/2003	0	0.0	11.4	0.0	12.3	23.7	23.7	Yes
5/14/2003	0	0.0	11.5	0.0	12.3	23.8	23.8	Yes
5/15/2003	0	0.0	11.5	0.0	12.4	23.9	23.9	Yes
5/16/2003	0	0.0	11.3	0.0	12.4	23.7	23.7	Yes
5/17/2003	0	0.0	11.3	0.0	12.3	23.6	23.6	Yes
5/18/2003	0	0.0	11.3	0.0	12.4	23.7	23.7	Yes

Plant Solution Flows - Daily Averages
Second Quarter 2003

Date	Injectate to Field (gpm)	BHP-6 (gpm)	BHP-7 (gpm)	BHP-8 (gpm)	BHP-9 (gpm)	Total Flow from Field (gpm)	Net Positive Water Balance (gpm)	Maintained Hydrologic Control (Yes/No)
5/19/2003	0	0.0	11.2	0.0	12.4	23.6	23.6	Yes
5/20/2003	0	0.0	11.2	0.0	12.5	23.7	23.7	Yes
5/21/2003	0	0.0	11.2	0.0	12.5	23.7	23.7	Yes
5/22/2003	0	0.0	11.1	0.0	12.4	23.5	23.5	Yes
5/23/2003	0	0.0	10.9	0.0	12.4	23.3	23.3	Yes
5/24/2003	0	0.0	11.1	0.0	12.5	23.6	23.6	Yes
5/25/2003	0	0.0	11.1	0.0	12.6	23.7	23.7	Yes
5/26/2003	0	0.0	11.0	0.0	12.6	23.6	23.6	Yes
5/27/2003	0	0.0	10.9	0.0	12.6	23.5	23.5	Yes
5/28/2003	0	0.0	10.9	0.0	12.6	23.5	23.5	Yes
5/29/2003	0	0.0	10.7	0.0	12.4	23.1	23.1	Yes
5/30/2003	0	0.0	10.8	0.0	12.5	23.3	23.3	Yes
5/31/2003	0	0.0	10.8	0.0	12.5	23.3	23.3	Yes
6/1/2003	0	0.0	10.9	0.0	12.6	23.5	23.5	Yes
6/2/2003	0	0.0	10.8	0.0	12.8	23.6	23.6	Yes
6/3/2003	0	0.0	10.9	0.0	12.7	23.6	23.6	Yes
6/4/2003	0	0.0	10.8	0.0	12.8	23.6	23.6	Yes
6/5/2003	0	0.0	10.7	0.0	12.6	23.3	23.3	Yes
6/6/2003	0	0.0	10.6	0.0	12.6	23.2	23.2	Yes
6/7/2003	0	0.0	10.6	0.0	12.7	23.3	23.3	Yes
6/8/2003	0	0.0	10.6	0.0	12.8	23.4	23.4	Yes
6/9/2003	0	0.0	10.7	0.0	12.8	23.5	23.5	Yes
6/10/2003	0	0.0	10.7	0.0	12.8	23.5	23.5	Yes
6/11/2003	0	0.0	10.7	0.0	12.8	23.5	23.5	Yes
6/12/2003	0	0.0	10.6	0.0	12.9	23.5	23.5	Yes
6/13/2003	0	0.0	10.5	0.0	12.8	23.3	23.3	Yes
6/14/2003	0	0.0	10.4	0.0	12.7	23.1	23.1	Yes
6/15/2003	0	0.0	10.2	0.0	12.6	22.8	22.8	Yes
6/16/2003	0	0.0	10.0	0.0	12.6	22.6	22.6	Yes
6/17/2003	0	0.0	9.9	0.0	12.5	22.4	22.4	Yes
6/18/2003	0	0.0	9.9	0.0	12.5	22.4	22.4	Yes
6/19/2003	0	0.0	9.5	0.0	12.3	21.8	21.8	Yes
6/20/2003	0	0.0	9.6	0.0	12.2	21.8	21.8	Yes
6/21/2003	0	0.0	9.6	0.0	12.1	21.7	21.7	Yes
6/22/2003	0	0.0	9.5	0.0	12.0	21.5	21.5	Yes
6/23/2003	0	0.0	9.3	0.0	12.1	21.4	21.4	Yes
6/24/2003	0	0.0	9.2	0.0	12.1	21.3	21.3	Yes
6/25/2003	0	0.0	9.2	0.0	12.1	21.3	21.3	Yes
6/26/2003	0	0.0	8.9	0.0	12.0	20.9	20.9	Yes
6/27/2003	0	0.0	8.7	0.0	11.9	20.6	20.6	Yes
6/28/2003	0	0.0	8.7	0.0	11.9	20.6	20.6	Yes
6/29/2003	0	0.0	8.5	0.0	11.9	20.4	20.4	Yes
6/30/2003	0	0.0	8.3	0.0	12.0	20.3	20.3	Yes

Figure 2 - Northwest Observation Well Pair
Second Quarter 2003



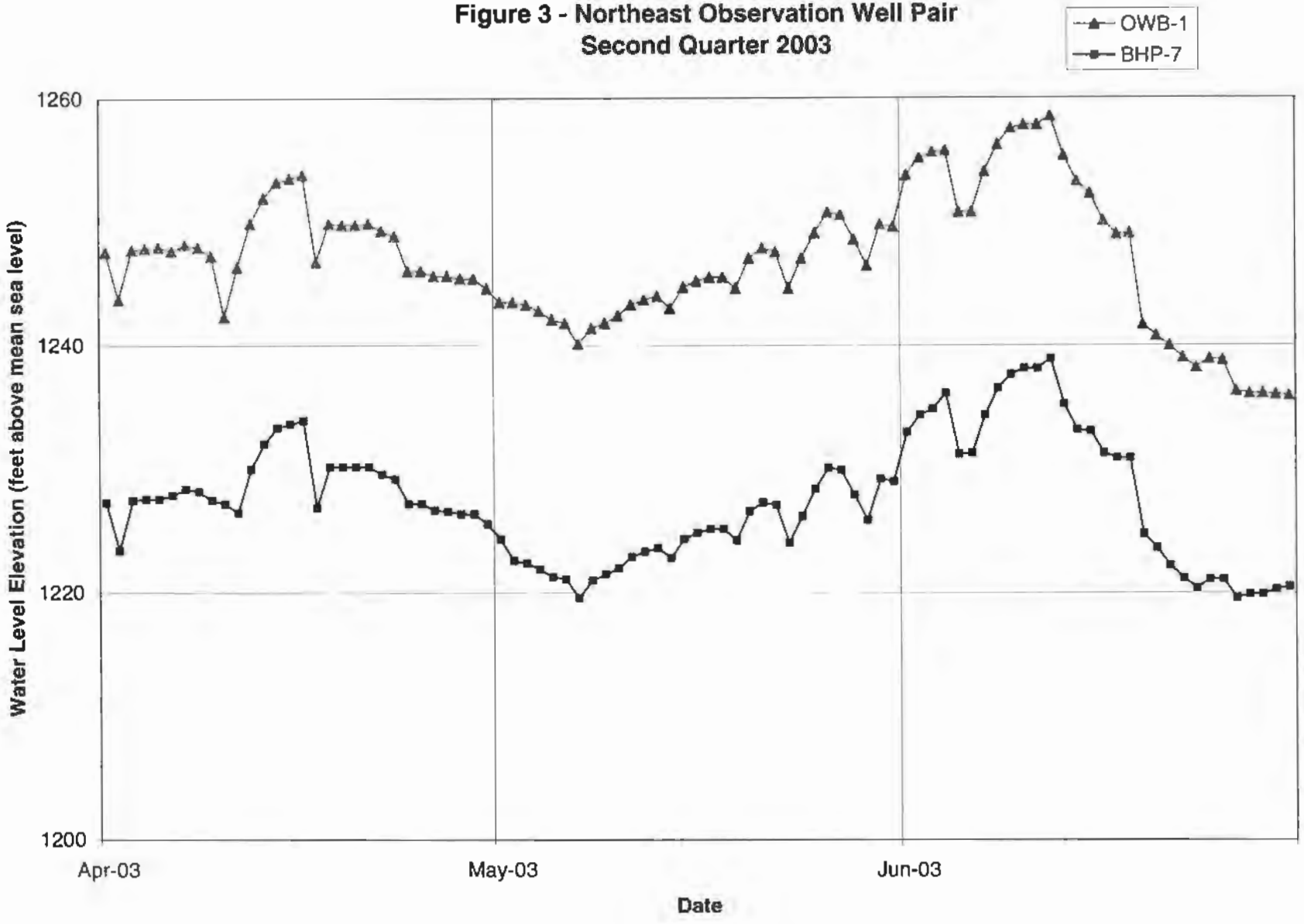
Northwest Observation Well Pair
Second Quarter 2003

Date	BHP-8	OWB-3	Difference in Gradient	Maintained Hydrologic Control
	Water Level Elevation (feet AMSL)	Water Level Elevation (feet AMSL)	(feet)	(Yes/No)
4/1/2003	1178.5	1244.3	-65.8	Yes
4/2/2003	1174.7	1240.5	-65.8	Yes
4/3/2003	1178.7	1244.5	-65.8	Yes
4/4/2003	1178.8	1244.6	-65.8	Yes
4/5/2003	1178.9	1244.7	-65.8	Yes
4/6/2003	1176.9	1244.7	-67.8	Yes
4/7/2003	1177.4	1245.2	-67.8	Yes
4/8/2003	1177.3	1245	-67.7	Yes
4/9/2003	1176.4	1244.3	-67.9	Yes
4/10/2003	1176.3	1239.4	-63.1	Yes
4/11/2003	1175.6	1243.1	-67.5	Yes
4/12/2003	1179.1	1246.6	-67.5	Yes
4/13/2003	1181.2	1248.7	-67.5	Yes
4/14/2003	1182.5	1250	-67.5	Yes
4/15/2003	1182.8	1250.3	-67.5	Yes
4/16/2003	1183.1	1250.6	-67.5	Yes
4/17/2003	1176.1	1243.6	-67.5	Yes
4/18/2003	1178.4	1246.8	-68.4	Yes
4/19/2003	1178.4	1246.7	-68.3	Yes
4/20/2003	1178.4	1246.7	-68.3	Yes
4/21/2003	1178.4	1246.8	-68.4	Yes
4/22/2003	1177.8	1245.8	-68	Yes
4/23/2003	1177.4	1245.4	-68	Yes
4/24/2003	1181.8	1242.9	-61.1	Yes
4/25/2003	1181.8	1242.8	-61	Yes
4/26/2003	1181.4	1242.4	-61	Yes
4/27/2003	1181.3	1242.4	-61.1	Yes
4/28/2003	1181.1	1242.2	-61.1	Yes
4/29/2003	1181.1	1242.2	-61.1	Yes
4/30/2003	1180.3	1241.4	-61.1	Yes
5/1/2003	1179.1	1240.3	-61.2	Yes
5/2/2003	1179.3	1240.2	-60.9	Yes
5/3/2003	1179.1	1240	-60.9	Yes
5/4/2003	1178.7	1239.5	-60.8	Yes
5/5/2003	1178.1	1238.9	-60.8	Yes
5/6/2003	1177.8	1238.6	-60.8	Yes
5/7/2003	1236.2	1236.7	-0.5	Yes
5/8/2003	1237.6	1238.3	-0.7	Yes
5/9/2003	1238.1	1238.6	-0.5	Yes
5/10/2003	1238.5	1239.2	-0.7	Yes
5/11/2003	1239.4	1240.1	-0.7	Yes
5/12/2003	1239.8	1240.5	-0.7	Yes
5/13/2003	1240.1	1240.8	-0.7	Yes
5/14/2003	1239.3	1239.8	-0.5	Yes
5/15/2003	1240.8	1241.3	-0.5	Yes
5/16/2003	1241.3	1241.8	-0.5	Yes

Northwest Observation Well Pair
Second Quarter 2003

Date	BHP-8	OWB-3	Difference in Gradient	Maintained Hydrologic Control
	Water Level Elevation (feet AMSL)	Water Level Elevation (feet AMSL)	(feet)	(Yes/No)
5/17/2003	1241.6	1242.1	-0.5	Yes
5/18/2003	1241.6	1242.1	-0.5	Yes
5/19/2003	1240.7	1241.2	-0.5	Yes
5/20/2003	1243	1243.53	-0.53	Yes
5/21/2003	1243.7	1244.4	-0.7	Yes
5/22/2003	1243.5	1244.1	-0.6	Yes
5/23/2003	1240.5	1241.2	-0.7	Yes
5/24/2003	1242.5	1243.6	-1.1	Yes
5/25/2003	1244.7	1245.8	-1.1	Yes
5/26/2003	1246.4	1247.5	-1.1	Yes
5/27/2003	1246.2	1247.3	-1.1	Yes
5/28/2003	1244.2	1245.3	-1.1	Yes
5/29/2003	1242.2	1243.2	-1	Yes
5/30/2003	1245.5	1246.5	-1	Yes
5/31/2003	1245.3	1246.3	-1	Yes
6/1/2003	1249.3	1250.5	-1.2	Yes
6/2/2003	1250.7	1251.9	-1.2	Yes
6/3/2003	1251.2	1252.4	-1.2	Yes
6/4/2003	1252.4	1254.2	-1.8	Yes
6/5/2003	1247.4	1249.2	-1.8	Yes
6/6/2003	1247.4	1249.2	-1.8	Yes
6/7/2003	1250.5	1252.5	-2	Yes
6/8/2003	1252.8	1254.6	-1.8	Yes
6/9/2003	1253.9	1255.9	-2	Yes
6/10/2003	1254.4	1256.2	-1.8	Yes
6/11/2003	1254.4	1256.3	-1.9	Yes
6/12/2003	1255.1	1256.9	-1.8	Yes
6/13/2003	1251.9	1253.7	-1.8	Yes
6/14/2003	1249.7	1251.6	-1.9	Yes
6/15/2003	1248.6	1250.4	-1.8	Yes
6/16/2003	1247.6	1248.2	-0.6	Yes
6/17/2003	1246.5	1247.1	-0.6	Yes
6/18/2003	1246.5	1247.1	-0.6	Yes
6/19/2003	1239.3	1239.9	-0.6	Yes
6/20/2003	1238.4	1239	-0.6	Yes
6/21/2003	1236.2	1236.8	-0.6	Yes
6/22/2003	1235	1235.7	-0.7	Yes
6/23/2003	1234.3	1234.9	-0.6	Yes
6/24/2003	1235	1235.6	-0.6	Yes
6/25/2003	1234.9	1235.6	-0.7	Yes
6/26/2003	1232.3	1232.9	-0.6	Yes
6/27/2003	1232	1232.7	-0.7	Yes
6/28/2003	1231.9	1232.8	-0.9	Yes
6/29/2003	1231.8	1232.7	-0.9	Yes
6/30/2003	1231.7	1232.6	-0.9	Yes

Figure 3 - Northeast Observation Well Pair
Second Quarter 2003



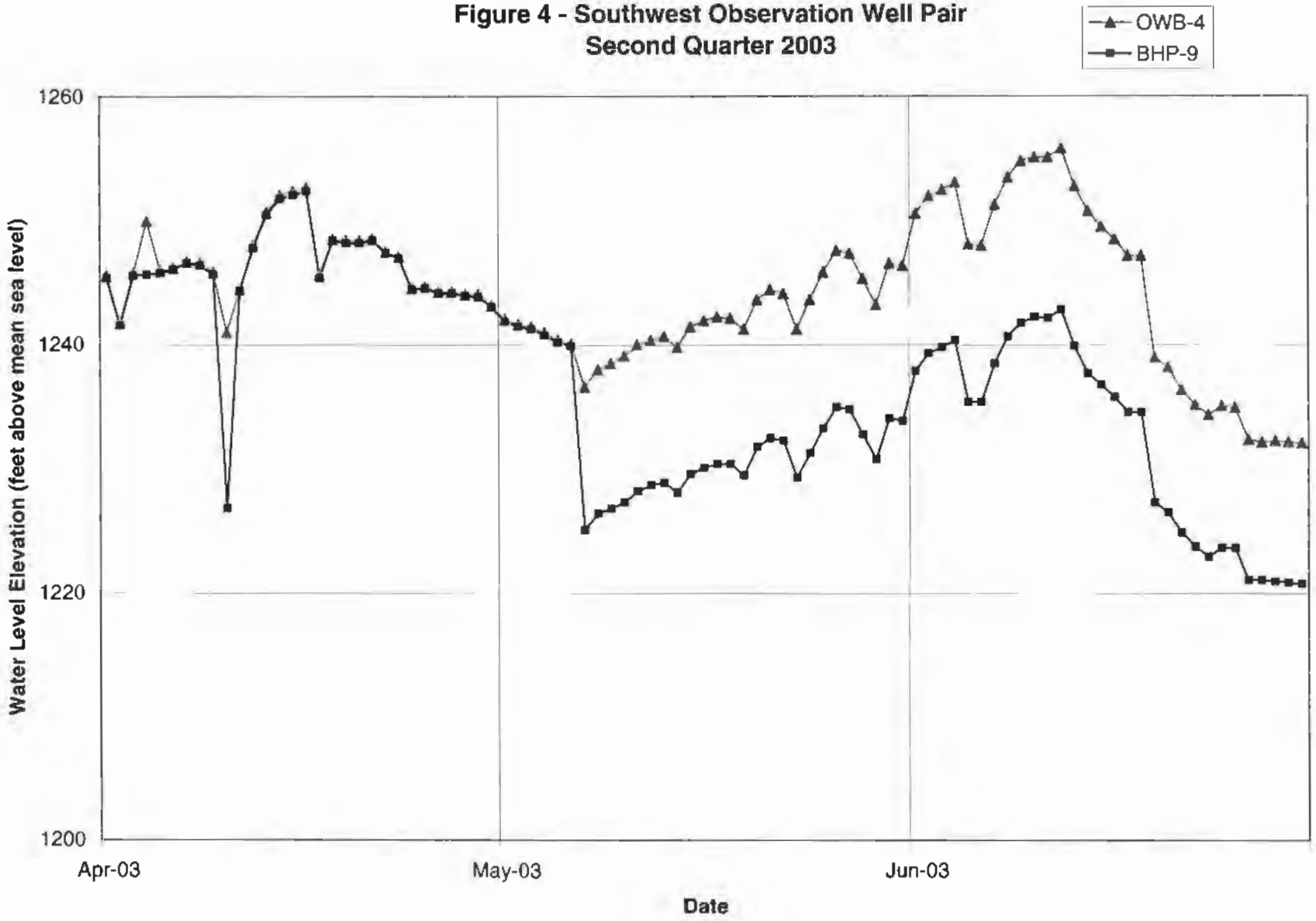
Northeast Observation Well Pair
Second Quarter 2003

Date	BHP-7	OWB-1	Difference in Gradient	Maintained Hydrologic Control
	Water Level Elevation (feet AMSL)	Water Level Elevation (feet AMSL)	(feet)	(Yes/No)
4/1/2003	1227.2	1247.5	-20.3	Yes
4/2/2003	1223.4	1243.7	-20.3	Yes
4/3/2003	1227.4	1247.7	-20.3	Yes
4/4/2003	1227.5	1247.8	-20.3	Yes
4/5/2003	1227.5	1247.9	-20.4	Yes
4/6/2003	1227.8	1247.6	-19.8	Yes
4/7/2003	1228.3	1248.1	-19.8	Yes
4/8/2003	1228.1	1247.9	-19.8	Yes
4/9/2003	1227.4	1247.2	-19.8	Yes
4/10/2003	1227.1	1242.3	-15.2	Yes
4/11/2003	1226.4	1246.3	-19.9	Yes
4/12/2003	1229.9	1249.8	-19.9	Yes
4/13/2003	1232	1251.9	-19.9	Yes
4/14/2003	1233.3	1253.2	-19.9	Yes
4/15/2003	1233.6	1253.5	-19.9	Yes
4/16/2003	1233.9	1253.8	-19.9	Yes
4/17/2003	1226.8	1246.7	-19.9	Yes
4/18/2003	1230.1	1249.8	-19.7	Yes
4/19/2003	1230.1	1249.7	-19.6	Yes
4/20/2003	1230.1	1249.7	-19.6	Yes
4/21/2003	1230.1	1249.8	-19.7	Yes
4/22/2003	1229.5	1249.2	-19.7	Yes
4/23/2003	1229.1	1248.8	-19.7	Yes
4/24/2003	1227.1	1246	-18.9	Yes
4/25/2003	1227.1	1246	-18.9	Yes
4/26/2003	1226.6	1245.6	-19	Yes
4/27/2003	1226.5	1245.6	-19.1	Yes
4/28/2003	1226.3	1245.4	-19.1	Yes
4/29/2003	1226.3	1245.4	-19.1	Yes
4/30/2003	1225.5	1244.6	-19.1	Yes
5/1/2003	1224.3	1243.5	-19.2	Yes
5/2/2003	1222.6	1243.5	-20.9	Yes
5/3/2003	1222.4	1243.3	-20.9	Yes
5/4/2003	1221.9	1242.8	-20.9	Yes
5/5/2003	1221.3	1242.1	-20.8	Yes
5/6/2003	1221.1	1241.8	-20.7	Yes
5/7/2003	1219.6	1240.1	-20.5	Yes
5/8/2003	1221	1241.4	-20.4	Yes
5/9/2003	1221.5	1241.8	-20.3	Yes
5/10/2003	1222	1242.4	-20.4	Yes
5/11/2003	1222.9	1243.3	-20.4	Yes
5/12/2003	1223.3	1243.7	-20.4	Yes
5/13/2003	1223.6	1244	-20.4	Yes
5/14/2003	1222.8	1243	-20.2	Yes
5/15/2003	1224.3	1244.7	-20.4	Yes
5/16/2003	1224.8	1245.2	-20.4	Yes

Northeast Observation Well Pair
Second Quarter 2003

Date	BHP-7	OWB-1	Difference in Gradient	Maintained Hydrologic Control
	Water Level Elevation (feet AMSL)	Water Level Elevation (feet AMSL)	(feet)	(Yes/No)
5/17/2003	1225.1	1245.5	-20.4	Yes
5/18/2003	1225.1	1245.5	-20.4	Yes
5/19/2003	1224.2	1244.6	-20.4	Yes
5/20/2003	1226.5	1247	-20.5	Yes
5/21/2003	1227.2	1247.8	-20.6	Yes
5/22/2003	1227	1247.5	-20.5	Yes
5/23/2003	1224	1244.6	-20.6	Yes
5/24/2003	1226.1	1247	-20.9	Yes
5/25/2003	1228.3	1249	-20.7	Yes
5/26/2003	1230	1250.7	-20.7	Yes
5/27/2003	1229.8	1250.5	-20.7	Yes
5/28/2003	1227.8	1248.5	-20.7	Yes
5/29/2003	1225.8	1246.4	-20.6	Yes
5/30/2003	1229.1	1249.7	-20.6	Yes
5/31/2003	1228.9	1249.5	-20.6	Yes
6/1/2003	1232.9	1253.7	-20.8	Yes
6/2/2003	1234.3	1255.1	-20.8	Yes
6/3/2003	1234.8	1255.6	-20.8	Yes
6/4/2003	1236.1	1255.7	-19.6	Yes
6/5/2003	1231.1	1250.7	-19.6	Yes
6/6/2003	1231.2	1250.7	-19.5	Yes
6/7/2003	1234.3	1254	-19.7	Yes
6/8/2003	1236.5	1256.2	-19.7	Yes
6/9/2003	1237.6	1257.5	-19.9	Yes
6/10/2003	1238.1	1257.8	-19.7	Yes
6/11/2003	1238.1	1257.8	-19.7	Yes
6/12/2003	1238.9	1258.5	-19.6	Yes
6/13/2003	1235.2	1255.3	-20.1	Yes
6/14/2003	1233.1	1253.2	-20.1	Yes
6/15/2003	1233	1252.2	-19.2	Yes
6/16/2003	1231.2	1250	-18.8	Yes
6/17/2003	1230.8	1248.9	-18.1	Yes
6/18/2003	1230.8	1249	-18.2	Yes
6/19/2003	1224.7	1241.7	-17	Yes
6/20/2003	1223.6	1240.8	-17.2	Yes
6/21/2003	1222.2	1240	-17.8	Yes
6/22/2003	1221.2	1239	-17.8	Yes
6/23/2003	1220.4	1238.2	-17.8	Yes
6/24/2003	1221.1	1238.9	-17.8	Yes
6/25/2003	1221.1	1238.8	-17.7	Yes
6/26/2003	1219.6	1236.3	-16.7	Yes
6/27/2003	1219.9	1236.1	-16.2	Yes
6/28/2003	1219.9	1236.1	-16.2	Yes
6/29/2003	1220.3	1236	-15.7	Yes
6/30/2003	1220.5	1235.9	-15.4	Yes

Figure 4 - Southwest Observation Well Pair
Second Quarter 2003



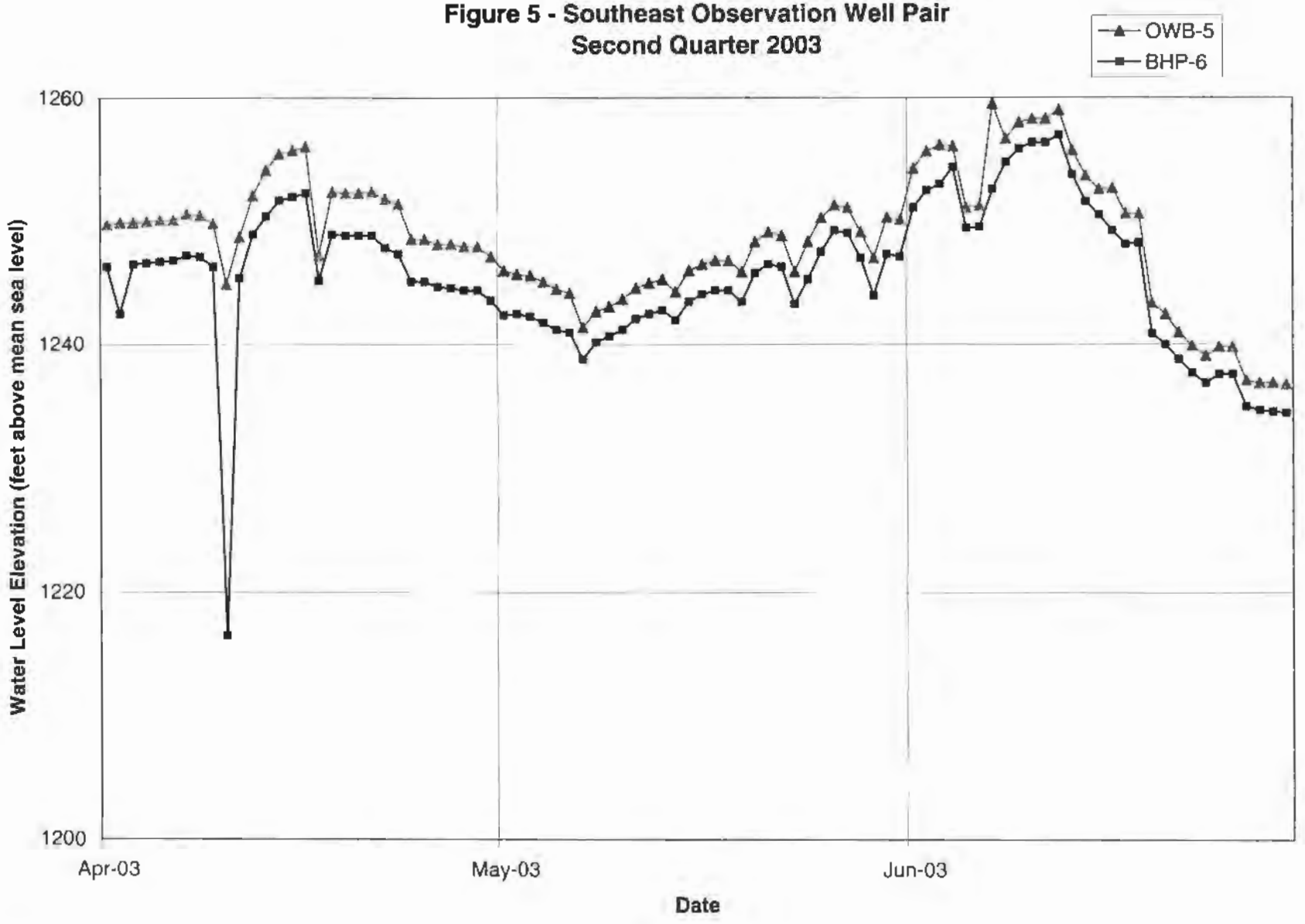
Southwest Observation Well Pair
Second Quarter 2003

Date	BHP-9	OWB-4	Difference in Gradient	Maintained Hydrologic Control
	Water Level Elevation (feet AMSL)	Water Level Elevation (feet AMSL)	(feet)	(Yes/No)
4/1/2003	1245.4	1245.6	-0.2	Yes
4/2/2003	1241.6	1241.8	-0.2	Yes
4/3/2003	1245.6	1245.8	-0.2	Yes
4/4/2003	1245.7	1250	-4.3	Yes
4/5/2003	1245.8	1246	-0.2	Yes
4/6/2003	1246.1	1246.2	-0.1	Yes
4/7/2003	1246.6	1246.7	-0.1	Yes
4/8/2003	1246.4	1246.6	-0.2	Yes
4/9/2003	1245.7	1245.9	-0.2	Yes
4/10/2003	1226.8	1241	-14.2	Yes
4/11/2003	1244.4	1244.5	-0.1	Yes
4/12/2003	1247.8	1248	-0.2	Yes
4/13/2003	1250.5	1250.7	-0.2	Yes
4/14/2003	1251.8	1252.1	-0.3	Yes
4/15/2003	1252.1	1252.4	-0.3	Yes
4/16/2003	1252.4	1252.7	-0.3	Yes
4/17/2003	1245.4	1245.7	-0.3	Yes
4/18/2003	1248.4	1248.5	-0.1	Yes
4/19/2003	1248.2	1248.4	-0.2	Yes
4/20/2003	1248.2	1248.4	-0.2	Yes
4/21/2003	1248.4	1248.5	-0.1	Yes
4/22/2003	1247.4	1247.5	-0.1	Yes
4/23/2003	1247	1247.1	-0.1	Yes
4/24/2003	1244.5	1244.6	-0.1	Yes
4/25/2003	1244.6	1244.7	-0.1	Yes
4/26/2003	1244.2	1244.3	-0.1	Yes
4/27/2003	1244.2	1244.3	-0.1	Yes
4/28/2003	1244	1244.1	-0.1	Yes
4/29/2003	1243.9	1244.1	-0.2	Yes
4/30/2003	1243.1	1243.2	-0.1	Yes
5/1/2003	1241.9	1242.1	-0.2	Yes
5/2/2003	1241.5	1241.7	-0.2	Yes
5/3/2003	1241.3	1241.5	-0.2	Yes
5/4/2003	1240.8	1241	-0.2	Yes
5/5/2003	1240.2	1240.4	-0.2	Yes
5/6/2003	1239.9	1240.1	-0.2	Yes
5/7/2003	1225.1	1236.6	-11.5	Yes
5/8/2003	1226.4	1238	-11.6	Yes
5/9/2003	1226.8	1238.5	-11.7	Yes
5/10/2003	1227.3	1239.1	-11.8	Yes
5/11/2003	1228.2	1240	-11.8	Yes
5/12/2003	1228.7	1240.4	-11.7	Yes
5/13/2003	1228.9	1240.7	-11.8	Yes
5/14/2003	1228.1	1239.8	-11.7	Yes
5/15/2003	1229.6	1241.5	-11.9	Yes
5/16/2003	1230.1	1242	-11.9	Yes

Southwest Observation Well Pair
Second Quarter 2003

Date	BHP-9	OWB-4	Difference in Gradient	Maintained Hydrologic Control
	Water Level Elevation (feet AMSL)	Water Level Elevation (feet AMSL)	(feet)	(Yes/No)
5/17/2003	1230.4	1242.3	-11.9	Yes
5/18/2003	1230.4	1242.2	-11.8	Yes
5/19/2003	1229.5	1241.3	-11.8	Yes
5/20/2003	1231.8	1243.7	-11.9	Yes
5/21/2003	1232.5	1244.5	-12	Yes
5/22/2003	1232.3	1244.2	-11.9	Yes
5/23/2003	1229.3	1241.3	-12	Yes
5/24/2003	1231.3	1243.7	-12.4	Yes
5/25/2003	1233.3	1245.9	-12.6	Yes
5/26/2003	1235	1247.6	-12.6	Yes
5/27/2003	1234.8	1247.4	-12.6	Yes
5/28/2003	1232.8	1245.4	-12.6	Yes
5/29/2003	1230.8	1243.3	-12.5	Yes
5/30/2003	1234.1	1246.6	-12.5	Yes
5/31/2003	1233.9	1246.4	-12.5	Yes
6/1/2003	1237.9	1250.6	-12.7	Yes
6/2/2003	1239.3	1252	-12.7	Yes
6/3/2003	1239.8	1252.5	-12.7	Yes
6/4/2003	1240.4	1253.1	-12.7	Yes
6/5/2003	1235.4	1248.1	-12.7	Yes
6/6/2003	1235.4	1248	-12.6	Yes
6/7/2003	1238.5	1251.3	-12.8	Yes
6/8/2003	1240.7	1253.5	-12.8	Yes
6/9/2003	1241.8	1254.8	-13	Yes
6/10/2003	1242.3	1255.1	-12.8	Yes
6/11/2003	1242.2	1255.1	-12.9	Yes
6/12/2003	1242.9	1255.8	-12.9	Yes
6/13/2003	1239.9	1252.8	-12.9	Yes
6/14/2003	1237.7	1250.8	-13.1	Yes
6/15/2003	1236.8	1249.5	-12.7	Yes
6/16/2003	1235.8	1248.5	-12.7	Yes
6/17/2003	1234.6	1247.2	-12.6	Yes
6/18/2003	1234.6	1247.2	-12.6	Yes
6/19/2003	1227.3	1239	-11.7	Yes
6/20/2003	1226.5	1238.2	-11.7	Yes
6/21/2003	1224.9	1236.4	-11.5	Yes
6/22/2003	1223.8	1235.2	-11.4	Yes
6/23/2003	1223	1234.4	-11.4	Yes
6/24/2003	1223.7	1235.1	-11.4	Yes
6/25/2003	1223.7	1235	-11.3	Yes
6/26/2003	1221.1	1232.4	-11.3	Yes
6/27/2003	1221.1	1232.2	-11.1	Yes
6/28/2003	1221	1232.3	-11.3	Yes
6/29/2003	1220.9	1232.2	-11.3	Yes
6/30/2003	1220.8	1232.1	-11.3	Yes

Figure 5 - Southeast Observation Well Pair
Second Quarter 2003



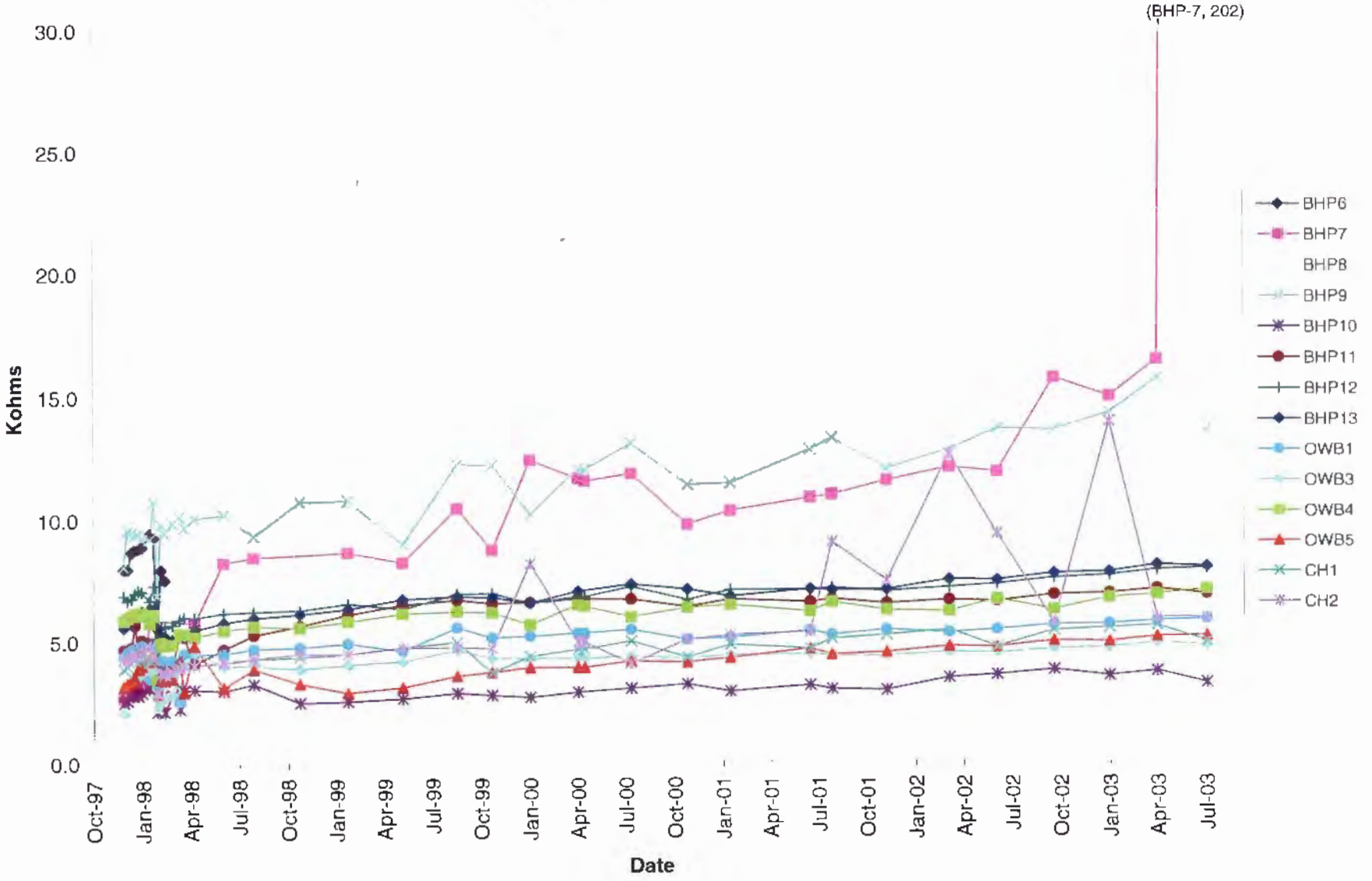
Southeast Observation Well Pair
Second Quarter 2003

Date	BHP-6	OWB-5	Difference in Gradient	Maintained Hydrologic Control
	Water Level Elevation (feet AMSL)	Water Level Elevation (feet AMSL)	(feet)	(Yes/No)
4/1/2003	1246.3	1249.7	-3.4	Yes
4/2/2003	1242.5	1249.9	-7.4	Yes
4/3/2003	1246.5	1249.9	-3.4	Yes
4/4/2003	1246.6	1250	-3.4	Yes
4/5/2003	1246.7	1250.1	-3.4	Yes
4/6/2003	1246.8	1250.1	-3.3	Yes
4/7/2003	1247.2	1250.6	-3.4	Yes
4/8/2003	1247.1	1250.5	-3.4	Yes
4/9/2003	1246.3	1249.8	-3.5	Yes
4/10/2003	1216.5	1244.9	-28.4	Yes
4/11/2003	1245.4	1248.7	-3.3	Yes
4/12/2003	1248.9	1252.1	-3.2	Yes
4/13/2003	1250.4	1254.2	-3.8	Yes
4/14/2003	1251.7	1255.5	-3.8	Yes
4/15/2003	1252	1255.8	-3.8	Yes
4/16/2003	1252.3	1256.1	-3.8	Yes
4/17/2003	1245.2	1247.2	-2	Yes
4/18/2003	1248.9	1252.4	-3.5	Yes
4/19/2003	1248.8	1252.3	-3.5	Yes
4/20/2003	1248.8	1252.3	-3.5	Yes
4/21/2003	1248.8	1252.4	-3.6	Yes
4/22/2003	1247.8	1251.8	-4	Yes
4/23/2003	1247.3	1251.4	-4.1	Yes
4/24/2003	1245.1	1248.5	-3.4	Yes
4/25/2003	1245.1	1248.5	-3.4	Yes
4/26/2003	1244.7	1248.1	-3.4	Yes
4/27/2003	1244.6	1248.1	-3.5	Yes
4/28/2003	1244.4	1247.9	-3.5	Yes
4/29/2003	1244.4	1247.9	-3.5	Yes
4/30/2003	1243.6	1247.1	-3.5	Yes
5/1/2003	1242.4	1246	-3.6	Yes
5/2/2003	1242.5	1245.7	-3.2	Yes
5/3/2003	1242.3	1245.6	-3.3	Yes
5/4/2003	1241.8	1245.1	-3.3	Yes
5/5/2003	1241.2	1244.5	-3.3	Yes
5/6/2003	1241	1244.2	-3.2	Yes
5/7/2003	1238.8	1241.4	-2.6	Yes
5/8/2003	1240.2	1242.7	-2.5	Yes
5/9/2003	1240.7	1243.1	-2.4	Yes
5/10/2003	1241.2	1243.7	-2.5	Yes
5/11/2003	1242.1	1244.6	-2.5	Yes
5/12/2003	1242.5	1245	-2.5	Yes
5/13/2003	1242.8	1245.3	-2.5	Yes
5/14/2003	1242	1244.3	-2.3	Yes
5/15/2003	1243.5	1246	-2.5	Yes
5/16/2003	1244.1	1246.5	-2.4	Yes

Southeast Observation Well Pair
Second Quarter 2003

Date	BHP-6	OWB-5	Difference in Gradient	Maintained Hydrologic Control
	Water Level Elevation (feet AMSL)	Water Level Elevation (feet AMSL)	(feet)	(Yes/No)
5/17/2003	1244.4	1246.8	-2.4	Yes
5/18/2003	1244.4	1246.8	-2.4	Yes
5/19/2003	1243.5	1245.9	-2.4	Yes
5/20/2003	1245.8	1248.3	-2.5	Yes
5/21/2003	1246.5	1249.1	-2.6	Yes
5/22/2003	1246.3	1248.8	-2.5	Yes
5/23/2003	1243.3	1245.9	-2.6	Yes
5/24/2003	1245.3	1248.3	-3	Yes
5/25/2003	1247.5	1250.3	-2.8	Yes
5/26/2003	1249.2	1251.3	-2.1	Yes
5/27/2003	1249	1251.1	-2.1	Yes
5/28/2003	1247	1249.1	-2.1	Yes
5/29/2003	1244	1247	-3	Yes
5/30/2003	1247.3	1250.3	-3	Yes
5/31/2003	1247.1	1250.1	-3	Yes
6/1/2003	1251.1	1254.3	-3.2	Yes
6/2/2003	1252.5	1255.7	-3.2	Yes
6/3/2003	1253	1256.2	-3.2	Yes
6/4/2003	1254.4	1256.1	-1.7	Yes
6/5/2003	1249.4	1251.1	-1.7	Yes
6/6/2003	1249.5	1251.2	-1.7	Yes
6/7/2003	1252.6	1259.5	-6.9	Yes
6/8/2003	1254.8	1256.7	-1.9	Yes
6/9/2003	1255.9	1258	-2.1	Yes
6/10/2003	1256.4	1258.3	-1.9	Yes
6/11/2003	1256.4	1258.3	-1.9	Yes
6/12/2003	1257	1259	-2	Yes
6/13/2003	1253.8	1255.8	-2	Yes
6/14/2003	1251.6	1253.7	-2.1	Yes
6/15/2003	1250.5	1252.6	-2.1	Yes
6/16/2003	1249.2	1252.7	-3.5	Yes
6/17/2003	1248.1	1250.6	-2.5	Yes
6/18/2003	1248.2	1250.6	-2.4	Yes
6/19/2003	1240.9	1243.4	-2.5	Yes
6/20/2003	1240	1242.5	-2.5	Yes
6/21/2003	1238.8	1241	-2.2	Yes
6/22/2003	1237.7	1239.9	-2.2	Yes
6/23/2003	1236.9	1239.1	-2.2	Yes
6/24/2003	1237.6	1239.8	-2.2	Yes
6/25/2003	1237.6	1239.8	-2.2	Yes
6/26/2003	1235	1237.1	-2.1	Yes
6/27/2003	1234.7	1236.9	-2.2	Yes
6/28/2003	1234.6	1236.9	-2.3	Yes
6/29/2003	1234.5	1236.8	-2.3	Yes
6/30/2003	1234.4	1236.7	-2.3	Yes

Figure 6 - Annular Resistivity in Kohms



BROWN AND CALDWELL

ATTACHMENT 2

POC QUARTERLY COMPLIANCE MONITORING REPORT

201 East Washington Street
Suite 500
Phoenix, Arizona 85004

Tel: (602) 567-4000
Fax: (602) 567-4001

www.brownandcaldwell.com

BROWN AND CALDWELL

July 10, 2003

Mr. Hugh Nowell
Corporate Counsel
Vanguard Properties, Inc.
975 Johnson Ferry Road, Suite 450
Atlanta, Georgia 30342

15-21622.007

Subject: Florence Project
Quarterly Compliance Monitoring Report

Dear Mr. Nowell:

Please find enclosed a final copy of the Florence Project Quarterly Compliance Monitoring Report for the Second Quarter 2003. This report is provided for inclusion in the quarterly submittals required by the Arizona Department of Environmental Quality (ADEQ) and the United States Environmental Protection Agency (USEPA) under Aquifer Protection Permit (APP) Number 101704 and Underground Injection Control (UIC) Permit Number AZ396000001.

If you should have any questions regarding this report, please do not hesitate to contact me at (602) 567-3894.

Very truly yours,

BROWN AND CALDWELL

Barbara A. Sylvester, E.I.T.
Engineer II

BAS:lld
Attachment

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FLORENCE MINE PROJECT
QUARTERLY COMPLIANCE MONITORING REPORT
SECOND QUARTER 2003

Primary Sampling Activities

Quarterly compliance monitoring was conducted for the Florence Mine project on April 14 through April 16, 2003 (Second Quarter 2003). Groundwater sampling and analysis was conducted in accordance with the requirements of Aquifer Protection Permit (APP) Permit Number 101704, Part IIE.3.d (Compliance Monitoring). Level I parameters, as listed in Part IV Table III.B of the APP were analyzed from the designated Point of Compliance (POC) wells. The Level I parameters are magnesium, sulfate, fluoride, and total dissolved solids (TDS).

During the Second Quarter 2003 sampling event, 29 POC wells were sampled and a total of 116 constituents were analyzed. Two POC wells, M32-UBF and M33-UBF, were dry and could not be sampled. Of the 116 constituents analyzed, one had a reported concentration exceeding the approved alert levels (ALs). Well M29-UBF had a reported TDS concentration of 3,200 mg/L, which exceeded the alert level of 2,751 mg/L.

Analyses of the samples were conducted by Precision Analytical Laboratories (PAL). Analytical results for the POC wells for the indicator parameters are provided in Table 1 and field parameters measured during sampling are indicated in Table 2.

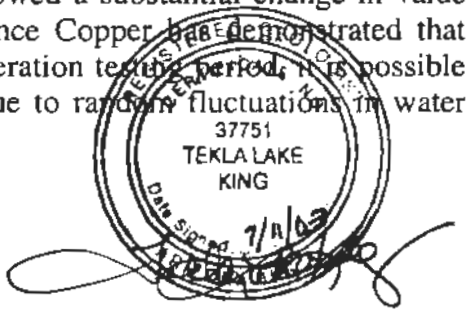
AL Exceedances and Verification Sampling

Part II.F.4 of the APP (AL, Aquifer Quality Limit [AQL], and Discharge Limit [DL] Contingencies) requires verification sampling for an AL exceedance. Because the final results were obtained from the laboratory after the quarter had ended, verification sampling was not performed during the quarter. However, verification sampling will be conducted in accordance with the permit requirements and the results submitted in the next quarterly report.

In accordance with Part II.H.2.(a)2 of the Underground Injection Control (UIC) permit, the United States Environmental Protection Agency (USEPA) was notified by BHP in writing of the exceedance. A written report describing the nature and possible cause of the exceedance is also required by the USEPA under Part II.H.2.(a)3 of the UIC permit. The information provided in this quarterly report serves to fulfill this reporting requirement.

Contingency Sampling Plan to be Implemented During Third Quarter 2003

AL exceedances which are not the result of pre-operational testing do not require Level II sampling. However, it is necessary to implement a contingency sampling program to demonstrate the nature of the magnesium exceedance as required in Part IIF.4.a.(2)(b) of the APP. Since no other field parameter or analytical result showed a substantial change in value compared to the historical records for this well, and Florence Copper has demonstrated that hydraulic control has been maintained throughout the pre-operation testing period, it is possible that the value was a result of field or laboratory error or due to random fluctuations in water quality. BHP will continue to monitor well M29-UBF.



Results of Contingency Sampling Plan Implemented from First Quarter 2003

There were no AL exceedances during the First Quarter 2003. Therefore, no contingency sampling plan was implemented.

Issues

There were no other issues to report during the Second Quarter 2003.

TABLE 1. QUARTERLY SUMMARY OF ANALYTICAL RESULTS, LEVEL I PARAMETERS, IN MILLIGRAMS PER LITER (MG/L)

Well ID	Sample Date	Magnesium		Sulfate		Fluoride		Total Dissolved Solids	
		Concentration	Alert Level	Concentration	Alert Level	Concentration	Alert Level	Concentration	Alert Level
M1-GL	Apr 16 2003	20.0	31	84	109	0.74	1.3	670	1028
M1-GL (Dup)	Apr 16 2003	20.0	31	80	109	0.66	1.3	620	1028
M2-GU	Apr 14 2003	20.0	39	140	275	0.9	1.4	770	1496
M3-GL	Apr 14 2003	21.0	36	130	187	0.67	1.3	690	1157
M4-O	Apr 14 2003	4.5	15	52	405	2.5	5.1	440	1072
M6-GU	Apr 15 2003	2.7	5.1	48	86	0.63	1.3	380	620
M7-GL	Apr 15 2003	<0.25	0.45	35	82	0.86	1.7	290	464
M8-O	Apr 15 2003	0.36	0.75	71	122	2.0	3.6	370	609
M14-GL	Apr 15 2003	2.1	23	56	144	0.6	1.4	440	874
M15-GU	Apr 29 2003	30.0	44	70	126	0.41	1.2	790	1359
M16-GU	Apr 16 2003	29.0	52	160	248	0.55	1.1	960	1635
M17-GL	Apr 16 2003	5.8	9.3	120	209	0.68	1.6	480	831
M18-GU	Apr 16 2003	17.0	36	150	288	0.98	1.6	700	1323
M19-LBF	Apr 14 2003	8.8	21	50	89	<0.4	0.92	480	794
M20-O	Apr 14 2003	12.0	14	60	112	0.74	1.7	480	809
M21-UBF	Apr 14 2003	35.0	87	250	487	0.62	1.1	1100	2867
M22-O	Apr 15 2003	5.5	8.6	50	86	0.66	1.3	420	1094
M23-UBF	Apr 15 2003	40.0	69	260	411	0.68	1.3	1400	2392
M24-O	Apr 16 2003	12.0	19	760	1364	1.0	2.5	1300	2363
M25-UBF	Apr 16 2003	32.0	76	220	387	0.64	1.6	1100	2683
M26-O	Apr 14 2003	0.49	0.53	58	105	1.6	3.4	350	556
M27-LBF	Apr 14 2003	32.0	51	140	179	<0.4	0.79	1100	1745
M28-LBF	Apr 14 2003	1.7	2.6	45	81	0.65	1.6	370	610
M28-LBF (Dup)	Apr 14 2003	1.7	2.6	45	81	0.69	1.6	370	610
M29-UBF	Apr 14 2003	45.0	84	290	465	0.61	1.1	**3200**	2751
M30-O	Apr 15 2003	11.0	18	59	102	0.65	1.6	480	824
M30-O (Dup)	Apr 15 2003	11.0	18	58	102	0.62	1.6	500	824
M31-LBF	Apr 15 2003	26.0	46	230	330	0.73	1.3	970	1665
O19-GL	Apr 16 2003	10.0	17	53	99	0.48	1.4	460	770
O49-GL	Apr 14 2003	8.9	18	68	159	0.47	0.89	520	849
P19-1-O	Apr 16 2003	6.8	12	55	107	1.3	2.8	450	767
P49-O	Apr 14 2003	3.7	6.2	110	181	0.97	2	480	801
Laboratory Detection Limit		**0.25**		**0.1**		**0.4**		**25.0**	
Arizona Aquifer Water Quality Standard		-		-		4		-	

Notes: Bold indicates result exceeds alert level
< = less than the laboratory practical quantitation limit

TABLE 2. QUARTERLY SUMMARY OF WATER QUALITY FIELD PARAMETERS

Well ID	Sample Date	Temperature (°C)	Temperature (°F)	pH	Conductivity (µmhos/cm)
M1-GL	Apr 16 2003	21.6	70.9	7.51	1029
M2-GU	Apr 14 2003	19.8	67.6	7.28	1055
M3-GL	Apr 14 2003	21.9	71.4	7.38	1043
M4-O	Apr 14 2003	23.6	74.5	7.28	635
M6-GU	Apr 15 2003	24.8	76.6	8.57	679
M7-GL	Apr 15 2003	24.3	75.7	9.45	491
M8-O	Apr 15 2003	28.8	83.8	8.84	653
M14-GL	Apr 15 2003	26.9	80.4	8.55	798
M15-GU	Apr 28 2003	25.0	77.0	7.42	1268
M16-GU	Apr 16 2003	24.4	75.9	7.38	1489
M17-GL	Apr 16 2003	27.7	81.9	8.31	831
M18-GU	Apr 16 2003	19.2	66.6	7.37	964
M19-LBF	Apr 14 2003	23.3	73.9	7.59	776
M20-O	Apr 14 2003	23.8	74.8	7.43	752
M21-UBF	Apr 14 2003	22.3	72.1	7.06	1609
M22-O	Apr 15 2003	27.9	82.2	8.10	760
M23-UBF	Apr 15 2003	21.8	71.2	7.18	2083
M24-O	Apr 16 2003	30.5	86.9	7.74	1959
M25-UBF	Apr 16 2003	21.4	70.5	7.09	1620
M26-O	Apr 14 2003	29.1	84.4	8.45	595
M27-LBF	Apr 14 2003	23.4	74.1	7.42	1582
M28-LBF	Apr 14 2003	26.4	79.5	8.27	667
M29-UBF	Apr 14 2003	22.4	72.3	6.99	2181
M30-O	Apr 15 2003	23.8	74.8	7.49	764
M31-LBF	Apr 15 2003	22.0	71.6	7.27	1388
O19-GL	Apr 16 2003	23.8	74.8	7.82	747
O49-GL	Apr 14 2003	25.8	78.4	7.68	876
P19-1-O	Apr 16 2003	24.3	75.7	7.59	720
P49-O	Apr 14 2003	27.8	82.0	7.57	796