

3R - 194

REPORTS

DATE:

7/17/1995

July 17, 1995

Mr. William C. Olson
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, NM 87504

**Re: Semi-Annual Report for the Jaquez Com. C #1 & Jaquez Com. E #1
Remediation Project**

Dear Mr. Olson:

Enclosed for your review is EPNG's semi-annual report for the Jaquez Com. C #1 and Jaquez Com. E #1 remediation project of 1993. The report includes:

- **Tab A:** Summary of the BETX analysis that has been run for each of the monitor wells to date.
- **Tab B:** BETX graphs for each of the monitor wells.
- **Tab C:** Water elevation graphs for each of the monitor wells.
- **Tab D:** Water elevation vs. product elevation for monitor wells R-1 & R-2.
- **Tab E:** A water gradient map for the site.

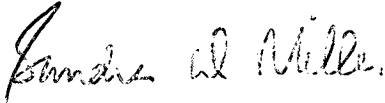
EPNG began utilizing the Petrotrap system for removal of product from monitor wells R-1 and R-2 in mid August 1994. The Petrotrap is a canister which is placed in the well at the product layer, collects hydrocarbons, and is periodically removed and drained of product. The total amount of product removed from each well is listed below.

- **R-1:** A total of 142 gallons of product was removed between the months of 8/94 and 6/95. During the months of March through May 1995, the product layer was generally observed at thickness of 2+ feet. This is attributed to the seasonal drop in groundwater and a period of time in which Citizen's Ditch was shut in.
- **R-2:** A total of 30 gallons of product was removed between the months of 8/94 and 6/95. This well also showed an increase in product thickness during the winter months but not to the extent of R-1.

EPNG plans to continue monitoring all wells on a quarterly basis. We are also evaluating automated equipment alternatives to the Petrotrap for possible purchase and installation during the next budget cycle. In the meantime, we will continue to utilize the Petrotrap system for removal of product.

If you have any questions regarding the enclosed data, please contact me at 599-2141.

Sincerely,

A handwritten signature in cursive script, appearing to read "Sandra D. Miller".

Sandra D. Miller
Superintendent, Environmental Compliance

xc: Mr. Denny Foust, NMOCD - Aztec
Mr. W.D. Hall, EPNG
Mr. John Jaquez, Jr.

6/29/95

**JAQUEZ COM. C #1 & JAQUEZ COM. E #1
MONITOR WELL
WATER ANALYSIS SUMMARY**

Note: *PAH Analysis Performed.

ND = None Detected

R-1 & R-2 were visited from 2/16 - 6/19 for purposes of product removal from Petrotraps.

Well Number	Sample Number	Date	Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Total Xylene ug/L	Total BTEX ug/L	Water Elev.	Product Elev.	Floating Product Inches
R-1	N30969	9/7/93	991	164	113	1111	2379	85.92	85.92	0
R-1	N31056	10/4/93	1280	1328	74	799	3481	85.27	85.37	1.2
R-1	N31240	11/10/93	242	322	15.0	93.9	673	83.67	83.67	0
R-1	N31384	12/15/93	328	411	26.6	196	962	82.87	82.87	0
R-1	940026	1/12/94	1830	1965	90.3	1053	4938	80.97	82.37	16.8
R-1	940233	2/9/94	1255	1504	42.3	730	3531	80.52	83.17	31.8
R-1*	940491	3/7/94	7600	8500	280	2700	19080	83.12	83.47	4.2
R-1	N/A	5/17/94	No Test	No Test	No Test	No Test	No Test	84.47	85.27	9.6
R-1	941003	6/13/94	1450	1930	70.0	944	4394	84.27	85.17	10.8
R-1	N/A	9/7/94	No Test	No Test	No Test	No Test	No Test	86.07	86.27	2.4
R-1	941619	12/15/94	1890	2130	105.0	990	5115	84.17	84.17	0
R-1	N/A	2/16/95	No Test	No Test	No Test	No Test	No Test	80.97	83.17	26.4
R-1	N/A	2/21/95	No Test	No Test	No Test	No Test	No Test	80.67	82.97	27.6
R-1	N/A	2/23/95	No Test	No Test	No Test	No Test	No Test	80.57	82.77	26.4
R-1	N/A	2/27/95	No Test	No Test	No Test	No Test	No Test	80.37	82.57	26.4
R-1	N/A	2/28/95	No Test	No Test	No Test	No Test	No Test	80.37	82.57	26.4
R-1	N/A	3/1/95	No Test	No Test	No Test	No Test	No Test	80.27	82.52	27
R-1	N/A	3/3/95	No Test	No Test	No Test	No Test	No Test	80.47	82.67	26.4
R-1	N/A	3/7/95	No Test	No Test	No Test	No Test	No Test	80.57	82.82	27
R-1	N/A	3/8/95	No Test	No Test	No Test	No Test	No Test	80.47	82.92	29.4
R-1	N/A	3/9/95	No Test	No Test	No Test	No Test	No Test	80.77	82.92	25.8
R-1	N/A	3/14/95	No Test	No Test	No Test	No Test	No Test	80.27	82.92	31.8
R-1	N/A	3/20/95	No Test	No Test	No Test	No Test	No Test	80.57	83.12	30.6
R-1	N/A	3/21/95	No Test	No Test	No Test	No Test	No Test	81.07	83.12	24.6
R-1	N/A	3/22/95	No Test	No Test	No Test	No Test	No Test	80.97	82.97	24

6/29/95

JAQUEZ COM. C #1 & JAQUEZ COM. E #1

MONITOR WELL

WATER ANALYSIS SUMMARY

Note: *PAH Analysis Performed.

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R-1 & R-2 were visited from 2/16 - 6/19 for purposes of product removal from Petrotraps.

Well Number	Sample Number	Date	Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Total Xylene ug/L	Total BTEX ug/L	Water Elev.	Product Elev.	Floating Product Inches
R-1	N/A	3/23/95	No Test	No Test	No Test	No Test	No Test	80.87	82.92	24.6
R-1	N/A	3/24/95	No Test	No Test	No Test	No Test	No Test	80.77	83.02	27
R-1	N/A	3/24/95	No Test	No Test	No Test	No Test	No Test	81.37	83.02	19.8
R-1	N/A	3/27/95	No Test	No Test	No Test	No Test	No Test	80.47	82.47	24
R-1	N/A	3/27/95	No Test	No Test	No Test	No Test	No Test	81.07	82.22	13.8
R-1	N/A	3/28/95	No Test	No Test	No Test	No Test	No Test	80.47	82.47	24
R-1	N/A	3/29/95	No Test	No Test	No Test	No Test	No Test	80.47	82.47	24
R-1	N/A	3/29/95	No Test	No Test	No Test	No Test	No Test	81.87	82.17	3.6
R-1	N/A	3/30/95	No Test	No Test	No Test	No Test	No Test	80.37	82.32	23.4
R-1	N/A	3/31/95	No Test	No Test	No Test	No Test	No Test	80.27	82.37	25.2
R-1	N/A	3/31/95	No Test	No Test	No Test	No Test	No Test	80.97	81.97	12
R-1	N/A	4/3/95	No Test	No Test	No Test	No Test	No Test	80.37	81.17	9.6
R-1	N/A	4/3/95	No Test	No Test	No Test	No Test	No Test	80.87	81.87	12
R-1	N/A	4/4/95	No Test	No Test	No Test	No Test	No Test	80.37	81.97	19.2
R-1	N/A	4/5/95	No Test	No Test	No Test	No Test	No Test	80.27	82.37	25.2
R-1	N/A	4/6/95	No Test	No Test	No Test	No Test	No Test	80.37	82.27	22.8
R-1	N/A	4/10/95	No Test	No Test	No Test	No Test	No Test	80.97	83.47	30
R-1	N/A	4/12/95	No Test	No Test	No Test	No Test	No Test	81.07	83.57	30
R-1	N/A	4/12/95	No Test	No Test	No Test	No Test	No Test	82.07	82.77	8.4
R-1	N/A	4/13/95	No Test	No Test	No Test	No Test	No Test	81.27	83.27	24
R-1	N/A	4/18/95	No Test	No Test	No Test	No Test	No Test	81.47	84.07	31.2
R-1	N/A	4/19/95	No Test	No Test	No Test	No Test	No Test	82.87	83.77	10.8
R-1	N/A	4/20/95	No Test	No Test	No Test	No Test	No Test	83.07	83.57	6
R-1	N/A	4/24/95	No Test	No Test	No Test	No Test	No Test	81.57	83.77	26.4
R-1	N/A	4/25/95	No Test	No Test	No Test	No Test	No Test	81.77	83.87	25.2

6/29/95

**JAQUEZ COM. C #1 & JAQUEZ COM. E #1
MONITOR WELL
WATER ANALYSIS SUMMARY**

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R-1	N/A	4/27/95	No Test	No Test	No Test	No Test	No Test	81.37	83.47	25.2
R-1	N/A	4/28/95	No Test	No Test	No Test	No Test	No Test	81.87	84.17	27.6
R-1	N/A	5/1/95	No Test	No Test	No Test	No Test	No Test	81.27	82.57	15.6
R-1	N/A	5/2/95	No Test	No Test	No Test	No Test	No Test	81.27	82.57	15.6
R-1	N/A	5/3/95	No Test	No Test	No Test	No Test	No Test	81.77	83.42	19.8
R-1	N/A	5/8/95	No Test	No Test	No Test	No Test	No Test	80.37	82.52	25.8
R-1	N/A	5/9/95	No Test	No Test	No Test	No Test	No Test	81.37	83.52	25.8
R-1	N/A	5/10/95	No Test	No Test	No Test	No Test	No Test	81.47	83.57	25.2
R-1	N/A	5/12/95	No Test	No Test	No Test	No Test	No Test	81.57	83.72	25.8
R-1	N/A	5/15/95	No Test	No Test	No Test	No Test	No Test	81.47	83.32	22.2
R-1	N/A	5/17/95	No Test	No Test	No Test	No Test	No Test	83.67	84.27	7.2
R-1	N/A	5/18/95	No Test	No Test	No Test	No Test	No Test	83.87	84.37	6
R-1	N/A	5/19/95	No Test	No Test	No Test	No Test	No Test	84.17	84.17	0
R-1	N/A	5/22/95	No Test	No Test	No Test	No Test	No Test	83.97	83.97	0
R-1	N/A	5/23/95	No Test	No Test	No Test	No Test	No Test	83.97	83.97	0
R-1	N/A	5/25/95	No Test	No Test	No Test	No Test	No Test	83.67	84.07	4.8
R-1	N/A	5/30/95	No Test	No Test	No Test	No Test	No Test	84.27	84.57	3.6
R-1	N/A	5/31/95	No Test	No Test	No Test	No Test	No Test	84.57	84.77	2.4
R-1	N/A	6/2/95	No Test	No Test	No Test	No Test	No Test	84.67	84.77	1.2
R-1	N/A	6/5/95	No Test	No Test	No Test	No Test	No Test	84.57	84.57	0
R-1	N/A	6/7/95	No Test	No Test	No Test	No Test	No Test	84.47	84.47	0
R-1	N/A	9/8/95	No Test	No Test	No Test	No Test	No Test	84.37	84.37	0
R-1	N/A	6/9/95	No Test	No Test	No Test	No Test	No Test	84.37	84.37	0
R-1	N/A	6/12/95	No Test	No Test	No Test	No Test	No Test	84.27	84.27	0
R-1	N/A	6/13/95	No Test	No Test	No Test	No Test	No Test	84.27	84.27	0

6/29/95

**JAQUEZ COM. C #1 & JAQUEZ COM. E #1
MONITOR WELL
WATER ANALYSIS SUMMARY**

Note: *PAH Analysis Performed.

ND = None Detected

R-1 & R-2 were visited from 2/16 - 6/19 for purposes of product removal from Petrotraps.

Well Number	Sample Number	Date	Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Total Xylene ug/L	Total BTEX ug/L	Water Elev.	Product Elev.	Floating Product Inches
R-1	N/A	6/14/95	No Test	No Test	No Test	No Test	No Test	84.27	84.27	0
R-1	N/A	6/15/95	No Test	No Test	No Test	No Test	No Test	84.47	84.47	0
R-1	N/A	6/19/95	No Test	No Test	No Test	No Test	No Test	84.77	84.77	0
R-2	N30970	9/7/93	278	651	59.0	538	1526	86.15	86.15	0
R-2	N31057	10/4/93	509	789	73.0	741	2112	84.95	84.95	0
R-2	N31241	11/10/93	284	470	38.0	401	1193	83.75	83.75	0
R-2	N31385	12/15/93	529	864	65.3	709	2167	82.95	83.05	1.2
R-2	940027	1/12/94	1722	2501	150	1702	6075	81.05	83.05	24
R-2	940234	2/9/94	2806	3667	89.5	1520	8083	80.95	83.15	26.4
R-2*	940492	3/7/94	5600	6800	290	2700	15390	83.3	83.55	3
R-2	N/A	5/17/94	No Test	No Test	No Test	No Test	No Test	84.9	85.45	6.6
R-2	941004	6/13/94	3210	3790	139	1670	8809	84.7	85.25	6.6
R-2	N/A	9/7/94	No Test	No Test	No Test	No Test	No Test	85.25	85.25	0
R-2	941620	12/15/94	1140	2200	148	1520	5008	84.2	84.25	0.6
R-2	N/A	2/16/95	No Test	No Test	No Test	No Test	No Test	81.65	82.65	12
R-2	N/A	2/21/95	No Test	No Test	No Test	No Test	No Test	81.95	82.35	4.8
R-2	N/A	2/23/95	No Test	No Test	No Test	No Test	No Test	81.35	81.35	0
R-2	N/A	2/27/95	No Test	No Test	No Test	No Test	No Test	81.75	81.75	0
R-2	N/A	2/28/95	No Test	No Test	No Test	No Test	No Test	81.75	81.75	0
R-2	N/A	3/1/95	No Test	No Test	No Test	No Test	No Test	81.45	81.45	0
R-2	N/A	3/3/95	No Test	No Test	No Test	No Test	No Test	81.65	81.65	0
R-2	N/A	3/7/95	No Test	No Test	No Test	No Test	No Test	81.55	81.55	0
R-2	N/A	3/8/95	No Test	No Test	No Test	No Test	No Test	82.15	82.15	0
R-2	N/A	3/9/95	No Test	No Test	No Test	No Test	No Test	82.95	82.95	0

6/29/95

**JAQUEZ COM. C #1 & JAQUEZ COM. E #1
MONITOR WELL
WATER ANALYSIS SUMMARY**

Note: *PAH Analysis Performed.

ND = None Detected

R-1 & R-2 were visited from 2/16 - 6/19 for purposes of product removal from Petrotraps.

Well Number	Sample Number	Date	Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Total Xylene ug/L	Total BTEX ug/L	Water Elev.	Product Elev.	Floating Product Inches
R-2	N/A	3/14/95	No Test	No Test	No Test	No Test	No Test	81.75	81.75	0
R-2	N/A	3/20/95	No Test	No Test	No Test	No Test	No Test	82.2	82.60	4.8
R-2	N/A	3/21/95	No Test	No Test	No Test	No Test	No Test	82.45	82.65	2.4
R-2	N/A	3/22/95	No Test	No Test	No Test	No Test	No Test	82.3	82.45	1.8
R-2	N/A	3/23/95	No Test	No Test	No Test	No Test	No Test	82.15	82.15	0
R-2	N/A	3/24/95	No Test	No Test	No Test	No Test	No Test	81.85	81.85	0
R-2	N/A	3/24/95	No Test	No Test	No Test	No Test	No Test	81.85	81.85	0
R-2	N/A	3/27/95	No Test	No Test	No Test	No Test	No Test	81.65	81.65	0
R-2	N/A	3/27/95	No Test	No Test	No Test	No Test	No Test	81.65	81.65	0
R-2	N/A	3/28/95	No Test	No Test	No Test	No Test	No Test	81.65	81.65	0
R-2	N/A	3/29/95	No Test	No Test	No Test	No Test	No Test	81.65	81.65	0
R-2	N/A	3/29/95	No Test	No Test	No Test	No Test	No Test	81.65	81.65	0
R-2	N/A	3/30/95	No Test	No Test	No Test	No Test	No Test	81.45	81.45	0
R-2	N/A	3/31/95	No Test	No Test	No Test	No Test	No Test	81.35	81.35	0
R-2	N/A	3/31/95	No Test	No Test	No Test	No Test	No Test	81.35	81.35	0
R-2	N/A	4/3/95	No Test	No Test	No Test	No Test	No Test	81.35	81.35	0
R-2	N/A	4/3/95	No Test	No Test	No Test	No Test	No Test	81.35	81.35	0
R-2	N/A	4/4/95	No Test	No Test	No Test	No Test	No Test	81.35	81.35	0
R-2	N/A	4/5/95	No Test	No Test	No Test	No Test	No Test	81.35	81.35	0
R-2	N/A	4/6/95	No Test	No Test	No Test	No Test	No Test	81.35	81.35	0
R-2	N/A	4/10/95	No Test	No Test	No Test	No Test	No Test	82.55	83.05	6
R-2	N/A	4/12/95	No Test	No Test	No Test	No Test	No Test	81.55	82.75	14.4
R-2	N/A	4/12/95	No Test	No Test	No Test	No Test	No Test	82.75	82.75	0
R-2	N/A	4/13/95	No Test	No Test	No Test	No Test	No Test	81.95	82.85	10.8
R-2	N/A	4/18/95	No Test	No Test	No Test	No Test	No Test	82.1	83.50	16.8

6/29/95

**JAQUEZ COM. C #1 & JAQUEZ COM. E #1
MONITOR WELL
WATER ANALYSIS SUMMARY**

Note: *PAH Analysis Performed.

ND = None Detected

R-1 & R-2 were visited from 2/16 - 6/19 for purposes of product removal from Petrotraps.

Well Number	Sample Number	Date	Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Total Xylene ug/L	Total BTEX ug/L	Water Elev.	Product Elev.	Floating Product Inches
R-2	N/A	4/19/95	No Test	No Test	No Test	No Test	No Test	83.45	83.45	0
R-2	N/A	4/20/95	No Test	No Test	No Test	No Test	No Test	83.35	83.35	0
R-2	N/A	4/24/95	No Test	No Test	No Test	No Test	No Test	83.65	83.65	0
R-2	N/A	4/25/95	No Test	No Test	No Test	No Test	No Test	83.05	83.05	0
R-2	N/A	4/27/95	No Test	No Test	No Test	No Test	No Test	82.35	83.40	12.6
R-2	N/A	4/28/95	No Test	No Test	No Test	No Test	No Test	82.85	84.05	14.4
R-2	N/A	5/1/95	No Test	No Test	No Test	No Test	No Test	82.15	83.45	15.6
R-2	N/A	5/2/95	No Test	No Test	No Test	No Test	No Test	82.25	83.55	15.6
R-2	N/A	5/3/95	No Test	No Test	No Test	No Test	No Test	82.75	83.05	3.6
R-2	N/A	5/8/95	No Test	No Test	No Test	No Test	No Test	80.5	82.25	21
R-2	N/A	5/9/95	No Test	No Test	No Test	No Test	No Test	82.5	83.10	7.2
R-2	N/A	5/10/95	No Test	No Test	No Test	No Test	No Test	82.85	83.05	2.4
R-2	N/A	5/12/95	No Test	No Test	No Test	No Test	No Test	82.9	83.10	2.4
R-2	N/A	5/15/95	No Test	No Test	No Test	No Test	No Test	82.45	83.30	10.2
R-2	N/A	5/17/95	No Test	No Test	No Test	No Test	No Test	84.15	84.15	0
R-2	N/A	5/18/95	No Test	No Test	No Test	No Test	No Test	84.25	84.25	0
R-2	N/A	5/19/95	No Test	No Test	No Test	No Test	No Test	84.05	84.05	0
R-2	N/A	5/22/95	No Test	No Test	No Test	No Test	No Test	83.85	83.85	0
R-2	N/A	5/23/95	No Test	No Test	No Test	No Test	No Test	83.95	83.95	0
R-2	N/A	5/25/95	No Test	No Test	No Test	No Test	No Test	83.85	83.85	0
R-2	N/A	5/30/95	No Test	No Test	No Test	No Test	No Test	84.75	84.75	0
R-2	N/A	5/31/95	No Test	No Test	No Test	No Test	No Test	84.95	84.95	0
R-2	N/A	6/2/95	No Test	No Test	No Test	No Test	No Test	85.05	85.05	0
R-2	N/A	6/5/95	No Test	No Test	No Test	No Test	No Test	84.85	84.85	0
R-2	N/A	6/7/95	No Test	No Test	No Test	No Test	No Test	84.75	84.75	0

6/29/95

**JAQUEZ COM. C #1 & JAQUEZ COM. E #1
MONITOR WELL
WATER ANALYSIS SUMMARY**

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Well Number	Sample Number	Date	Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Total Xylene ug/L	Total BTEX ug/L	Water Elev.	Product Elev.	Floating Product Inches
R-2	N/A	6/8/95	No Test	No Test	No Test	No Test	No Test	84.65	84.65	0
R-2	N/A	6/9/95	No Test	No Test	No Test	No Test	No Test	84.65	84.65	0
R-2	N/A	6/12/95	No Test	No Test	No Test	No Test	No Test	84.65	84.65	0
R-2	N/A	6/13/95	No Test	No Test	No Test	No Test	No Test	84.65	84.65	0
R-2	N/A	6/14/95	No Test	No Test	No Test	No Test	No Test	84.65	84.65	0
R-2	N/A	6/15/95	No Test	No Test	No Test	No Test	No Test	84.85	84.85	0
R-2	N/A	6/19/95	No Test	No Test	No Test	No Test	No Test	85.25	85.25	0
R-3	N30971	9/7/93	<2.0	61.4	22.0	207	290	86.54	N/A	ND
R-3	N31058	10/4/93	21	179	32.0	310	542	85.39	N/A	ND
R-3	N31242	11/10/93	6.19	27.7	10.4	89.2	134	84.59	N/A	ND
R-3	N31386	12/15/93	26	88.4	19.4	178	312	83.29	N/A	ND
R-3	940028	1/12/94	4.4	2.9	2.7	18	28	82.34	N/A	ND
R-3	940235	2/9/94	<2.0	10.9	8.3	59.6	79	82.89	N/A	ND
R-3*	940493	3/7/94	7.7	43	24	220	295	84.54	N/A	ND
R-3	N/A	5/17/94	No Test	No Test	No Test	No Test	No Test	85.69	N/A	ND
R-3	941005	6/13/94	3.03	41.4	18.4	188	251	85.99	N/A	ND
R-3	941259	9/7/94	<2.5	18	6.9	67.9	93	86.89	N/A	ND
R-3	941621	12/15/94	11.7	12.2	12.4	114	150	84.84	N/A	ND
R-3	950099	2/9/95	7.36	2.7	2.68	20.8	34	82.74	N/A	ND
R-3	950562	5/8/95	16.6	11.7	13.9	126	168	83.59	N/A	ND
R-4	N30972	9/7/93	104	267	39.9	370	781	85.69	N/A	ND
R-4	N31060	10/4/93	118	266	41	364	789	84.59	N/A	ND
R-4	N31243	11/10/93	93.6	132	40.4	347	613	83.49	N/A	ND

6/29/95

**JAQUEZ COM. C #1 & JAQUEZ COM. E #1
MONITOR WELL
WATER ANALYSIS SUMMARY**

Note: *PAH Analysis Performed.

ND = None Detected

R-1 & R-2 were visited from 2/16 - 6/19 for purposes of product removal from Petrotraps.

[illegible]

6/29/95

**JAQUEZ COM. C #1 & JAQUEZ COM. E #1
MONITOR WELL
WATER ANALYSIS SUMMARY**

Note: *PAH Analysis Performed.

ND = None Detected

R-1 & R-2 were visited from 2/16 - 6/19 for purposes of product removal from Petrotraps.

Well Number	Sample Number	Date	Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Total Xylene ug/L	Total BTEX ug/L	Water Elev.	Product Elev.	Floating Product Inches
M-1	N30974	9/8/93	<2.0	<2.0	<2.0	<2.0	N/A	80.99	N/A	ND
M-1	N31062	10/5/93	<2.0	<2.0	<2.0	<2.0	N/A	79.99	N/A	ND
M-1	N31245	11/11/93	<2.0	<2.0	<2.0	<2.0	N/A	79.44	N/A	ND
M-1	N31389	12/16/93	<2.0	<2.0	<2.0	<2.0	N/A	78.64	N/A	ND
M-1	940032	1/13/94	<2.0	<2.0	<2.0	<2.0	N/A	78.34	N/A	ND
M-1	940239	2/10/94	<2.0	<2.0	<2.0	<2.0	N/A	78.94	N/A	ND
M-1*	940497	3/7/94	<0.5	<0.5	<0.5	<0.5	N/A	79.34	N/A	ND
M-1	N/A	5/17/94	No Test	No Test	No Test	No Test	No Test	79.24	N/A	ND
M-1	941009	6/13/94	<2.0	<2.0	<2.0	<2.0	N/A	80.39	N/A	ND
M-1	941262	9/7/94	<2.5	<2.5	<2.5	<2.5	N/A	80.94	N/A	ND
M-1	941624	12/15/94	<2.5	<2.5	<2.5	<2.5	N/A	79.84	N/A	ND
M-1	950103	2/9/95	<2.5	<2.5	<2.5	<2.5	N/A	78.69	N/A	ND
M-1	950566	5/8/95	<2.5	<2.5	<2.5	<2.5	N/A	79.04	N/A	ND
M-2	N30975	9/8/93	<2.0	<2.0	<2.0	<2.0	N/A	82.89	N/A	ND
M-2	N31063	10/5/93	2.0	2.0	<2.0	<2.0	4.0	81.39	N/A	ND
M-2	N31246	11/11/93	2.3	2.0	<2.0	<2.0	4.3	80.49	N/A	ND
M-2	N31390	12/16/93	<2.0	<2.0	<2.0	<2.0	N/A	79.89	N/A	ND
M-2	940033	1/13/94	<2.0	<2.0	<2.0	<2.0	N/A	79.34	N/A	ND
M-2	940240	2/10/94	<2.0	<2.0	<2.0	<2.0	N/A	79.54	N/A	ND
M-2*	940498	3/7/94	<0.5	<0.5	<0.5	<0.5	N/A	80.54	N/A	ND
M-2	N/A	5/17/94	No Test	No Test	No Test	No Test	No Test	81.74	N/A	ND
M-2	941010	6/13/94	<2.0	<2.0	<2.0	<2.0	N/A	81.59	N/A	ND
M-2	941263	9/7/94	<2.5	<2.5	<2.5	<2.5	N/A	82.24	N/A	ND
M-2	941625	12/15/94	<2.5	<2.5	<2.5	<2.5	N/A	80.99	N/A	ND

6/29/95

JAQUEZ COM. C #1 & JAQUEZ COM. E #1

MONITOR WELL

WATER ANALYSIS SUMMARY

Note: *PAH Analysis Performed.

ND = None Detected

R-1 & R-2 were visited from 2/16 - 6/19 for purposes of product removal from Petrotraps.

Well Number	Sample Number	Date	Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Total Xylene ug/L	Total BTEX ug/L	Water Elev.	Product Elev.	Floating Product Inches
M-2	950104	2/9/95	<2.5	<2.5	<2.5	<2.5	N/A	79.89	N/A	ND
M-2	950567	5/5/95	<2.5	<2.5	<2.5	<2.5	N/A	80.39	N/A	ND
M-3	N30976	9/8/93	116	<2.0	3.0	37.6	157	83.49	N/A	ND
M-3	N31064	10/5/93	306	<2.0	4.0	19	329	82.54	N/A	ND
M-3	N31247	11/11/93	8.4	5.3	<2.0	2.6	16	81.74	N/A	ND
M-3	N31391	12/16/93	42	<2.0	<2.0	<2.0	42	80.89	N/A	ND
M-3	940034	1/13/94	19	2.1	<2.0	<2.0	21	80.24	N/A	ND
M-3	940241	2/10/94	<2.0	<2.0	<2.0	<2.0	N/A	81.19	N/A	ND
M-3*	940499	3/7/94	<0.5	<0.5	<0.5	2.5	3	81.89	N/A	ND
M-3	N/A	5/17/94	No Test	No Test	No Test	No Test	No Test	82.94	N/A	ND
M-3	941011	6/13/94	3.65	<2.0	<2.0	<2.0	4	83.09	N/A	ND
M-3	941264	9/7/94	2.87	<2.5	<2.5	2.5	5	84.19	N/A	ND
M-3	941626	12/15/94	<2.5	<2.5	<2.5	5.61	6	82.29	N/A	ND
M-3	950105	2/9/95	11.4	<2.5	<2.5	<2.5	11	80.64	N/A	ND
M-3	950568	5/8/95	180	67.2	<2.5	53.9	301	81.24	N/A	ND
		Date								
M-4	N30977	9/8/93	213	13.3	58	519	803	85.36	N/A	ND
M-4	N31065	10/5/93	302	2.0	55	395	754	84.21	N/A	ND
M-4	N31248	11/11/93	234	2.0	56	383	675	83.46	N/A	ND
M-4	N31392	12/16/93	171	<2.0	34.3	244	449	82.61	N/A	ND
M-4	940035	1/13/94	175	2.5	38	288	504	82.41	N/A	ND
M-4	940242	2/10/94	137	<2.0	29.8	192	359	82.86	N/A	ND
M-4*	940500	3/7/94	120	<2.5	27	220	367	83.11	N/A	ND
M-4	N/A	5/17/94	No Test	No Test	No Test	No Test	No Test	84.66	N/A	ND

6/29/95

**JAQUEZ COM. C #1 & JAQUEZ COM. E #1
MONITOR WELL
WATER ANALYSIS SUMMARY**

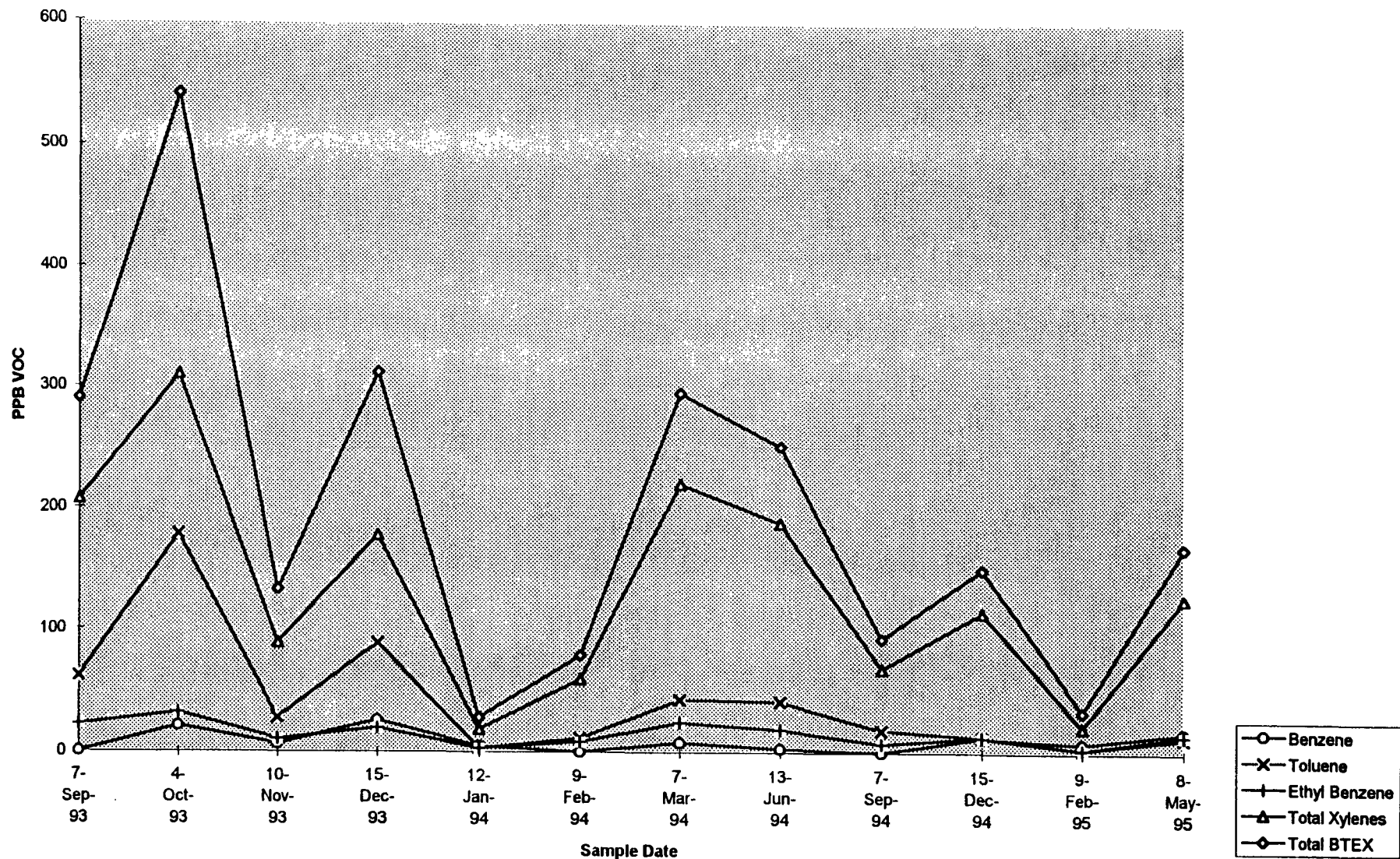
Note: *PAH Analysis Performed.

ND = None Detected

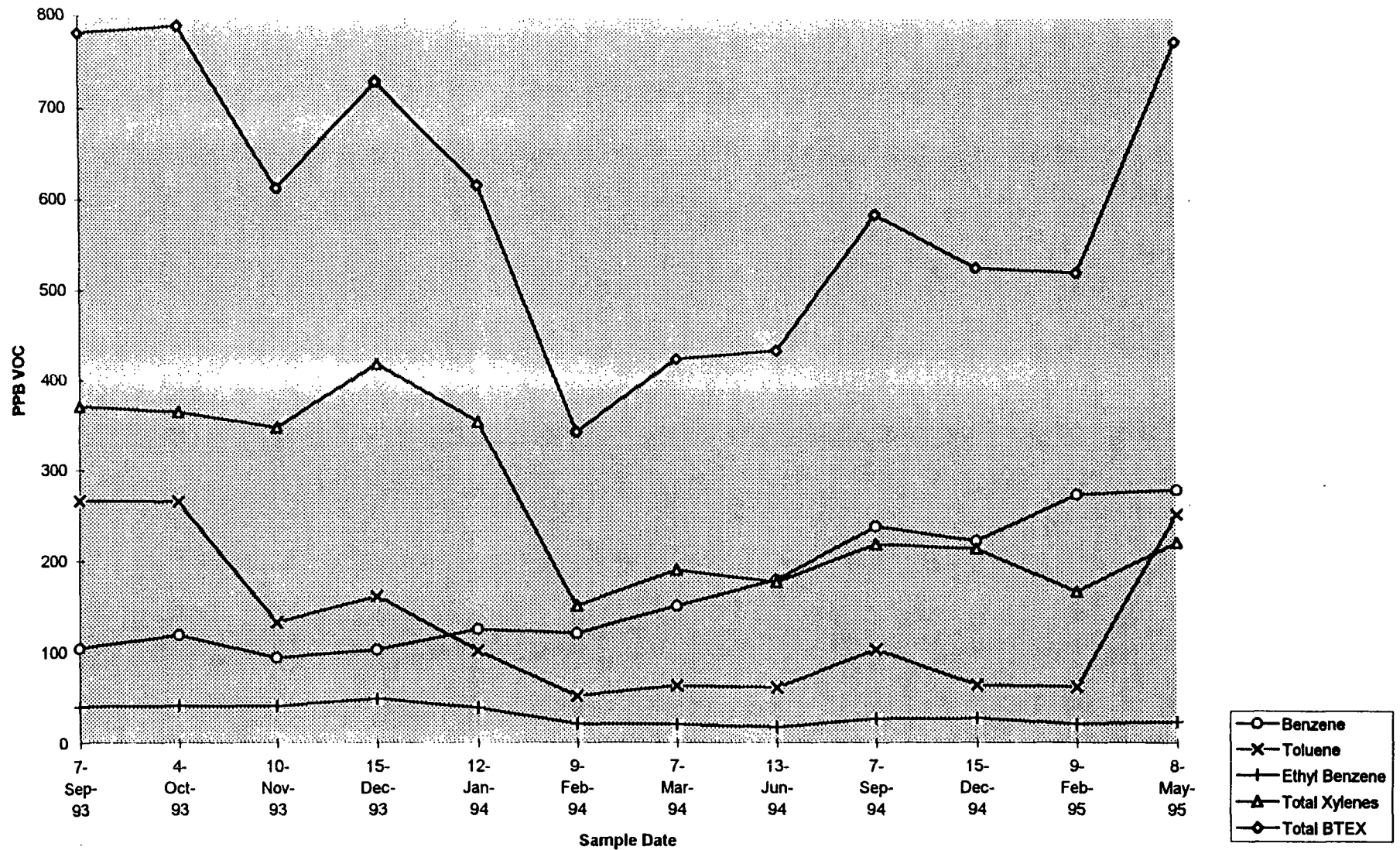
R-1 & R-2 were visited from 2/16 - 6/19 for purposes of product removal from Petrotraps.

Well Number	Sample Number	Date	Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Total Xylene ug/L	Total BTEX ug/L	Water Elev.	Product Elev.	Floating Product Inches
M-4	941012	6/13/94	151	<2.0	28.4	246	425	84.91	N/A	ND
M-4	941265	9/7/94	145	<2.5	24.1	231	400	85.81	N/A	ND
M-4	941628	12/15/94	184	<2.5	22.3	215	421	84.01	N/A	ND
M-4	950106	2/9/95	160	<2.5	19.6	186	366	82.46	N/A	ND
M-4	950569	5/8/95	108	<2.5	11.7	119	239	83.07	N/A	ND
M-5	N30979	9/8/93	<2.0	<2.0	<2.0	<2.0	N/A	83.27	N/A	ND
M-5	N31066	10/5/93	<2.0	<2.0	<2.0	<2.0	N/A	82.07	N/A	ND
M-5	N31250	11/11/93	<2.0	<2.0	<2.0	<2.0	N/A	81.12	N/A	ND
M-5	N31393	12/16/93	<2.0	<2.0	<2.0	<2.0	N/A	80.32	N/A	ND
M-5	940036	1/13/94	<2.0	<2.0	<2.0	<2.0	N/A	79.62	N/A	ND
M-5	940243	2/10/94	<2.0	<2.0	<2.0	<2.0	N/A	79.97	N/A	ND
M-5*	940501	3/7/94	<0.5	<0.5	<0.5	<0.5	N/A	81.17	N/A	ND
M-5	N/A	5/17/94	No Test	No Test	No Test	No Test	No Test	82.32	N/A	ND
M-5	941013	6/13/94	<2.0	<2.0	<2.0	<2.0	N/A	82.42	N/A	ND
M-5	941267	9/7/94	<2.5	<2.5	<2.5	<2.5	N/A	83.42	N/A	ND
M-5	941629	12/15/94	<2.5	<2.5	<2.5	<2.5	N/A	81.62	N/A	ND
M-5	950107	2/9/95	<2.5	<2.5	<2.5	<2.5	N/A	80.12	N/A	ND
M-5	950570	5/8/95	<2.5	<2.5	<2.5	<2.5	N/A	80.72	N/A	ND

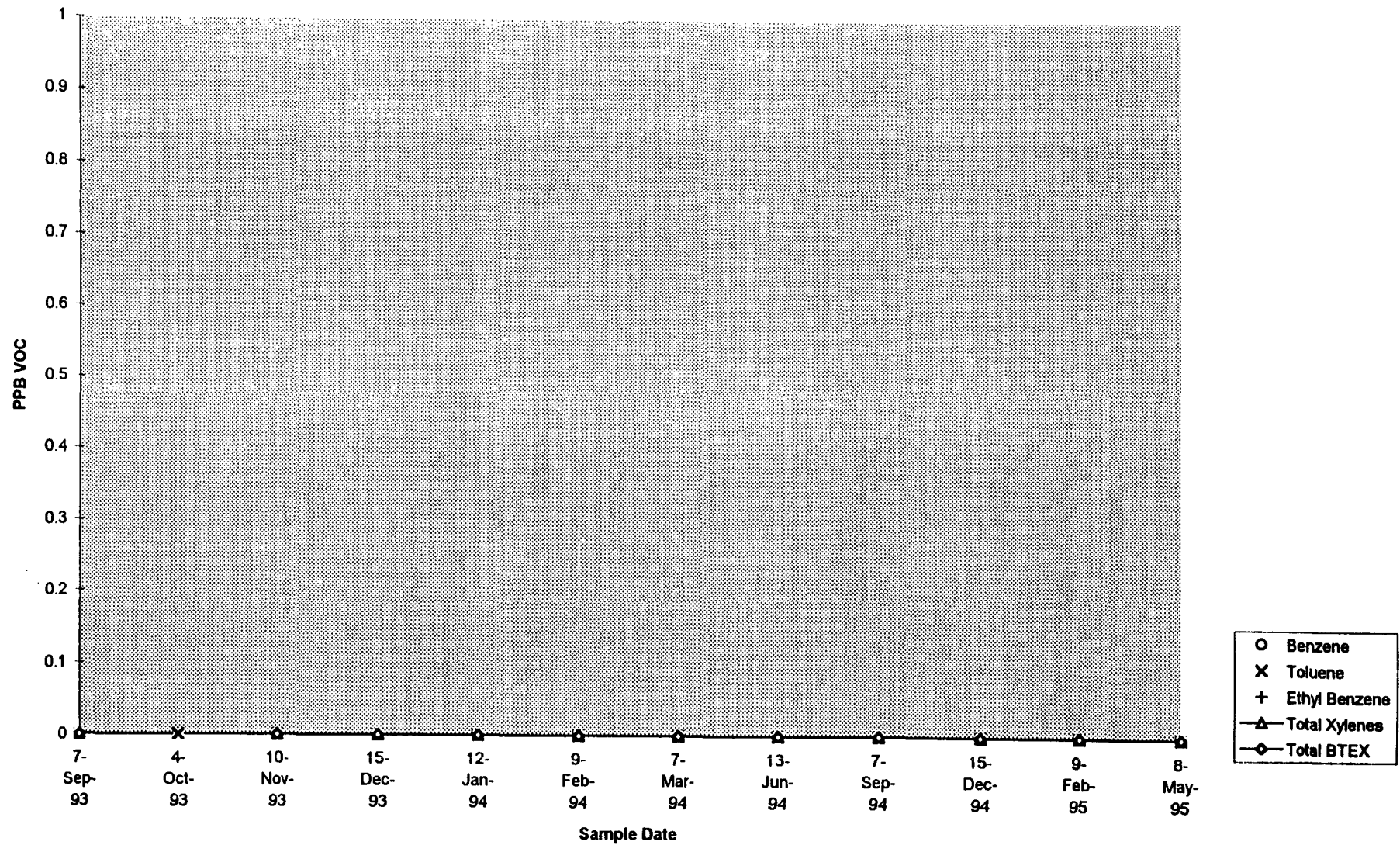
Jaquez Monitor Well R-3



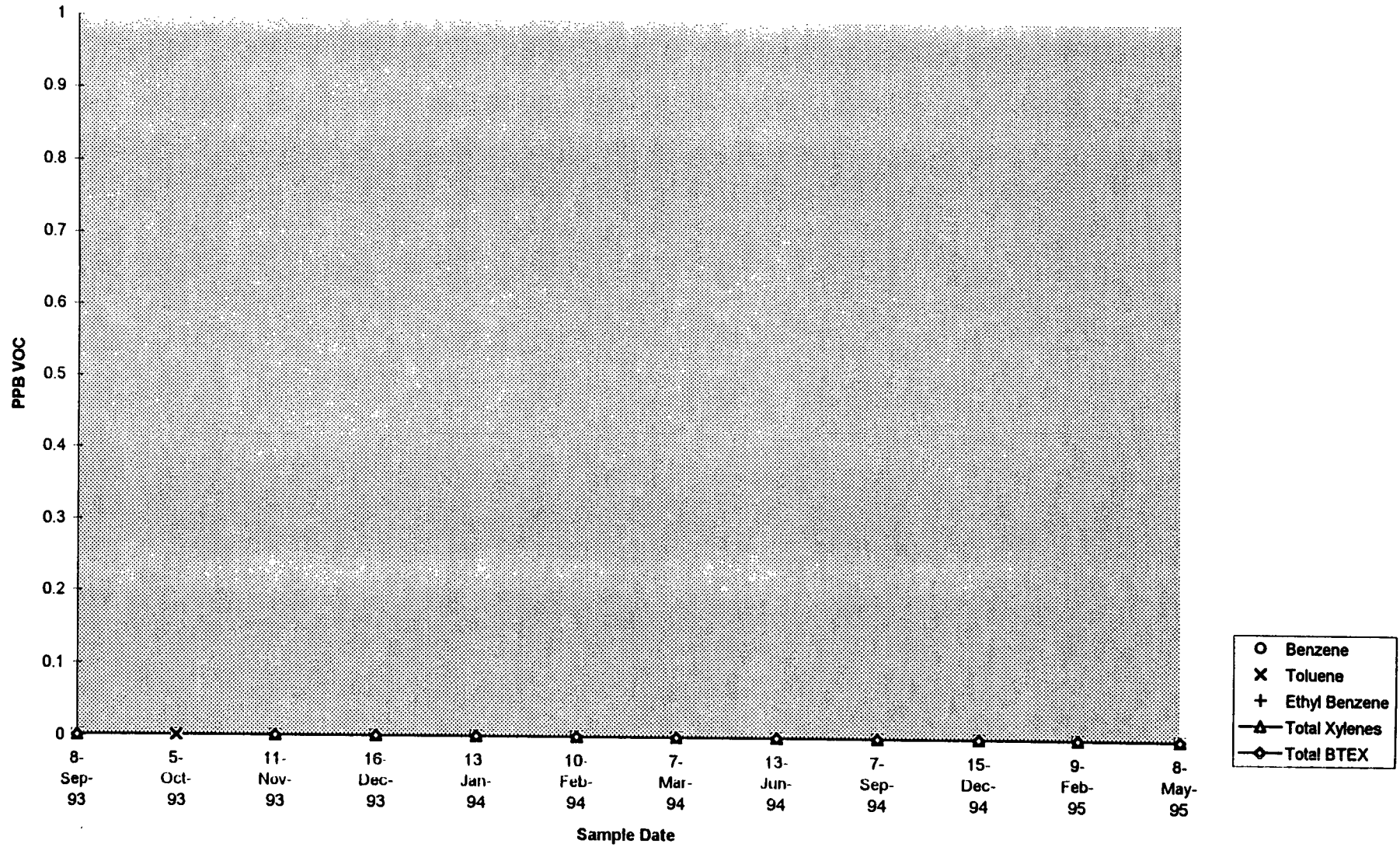
Jaquez Monitor Well R-4



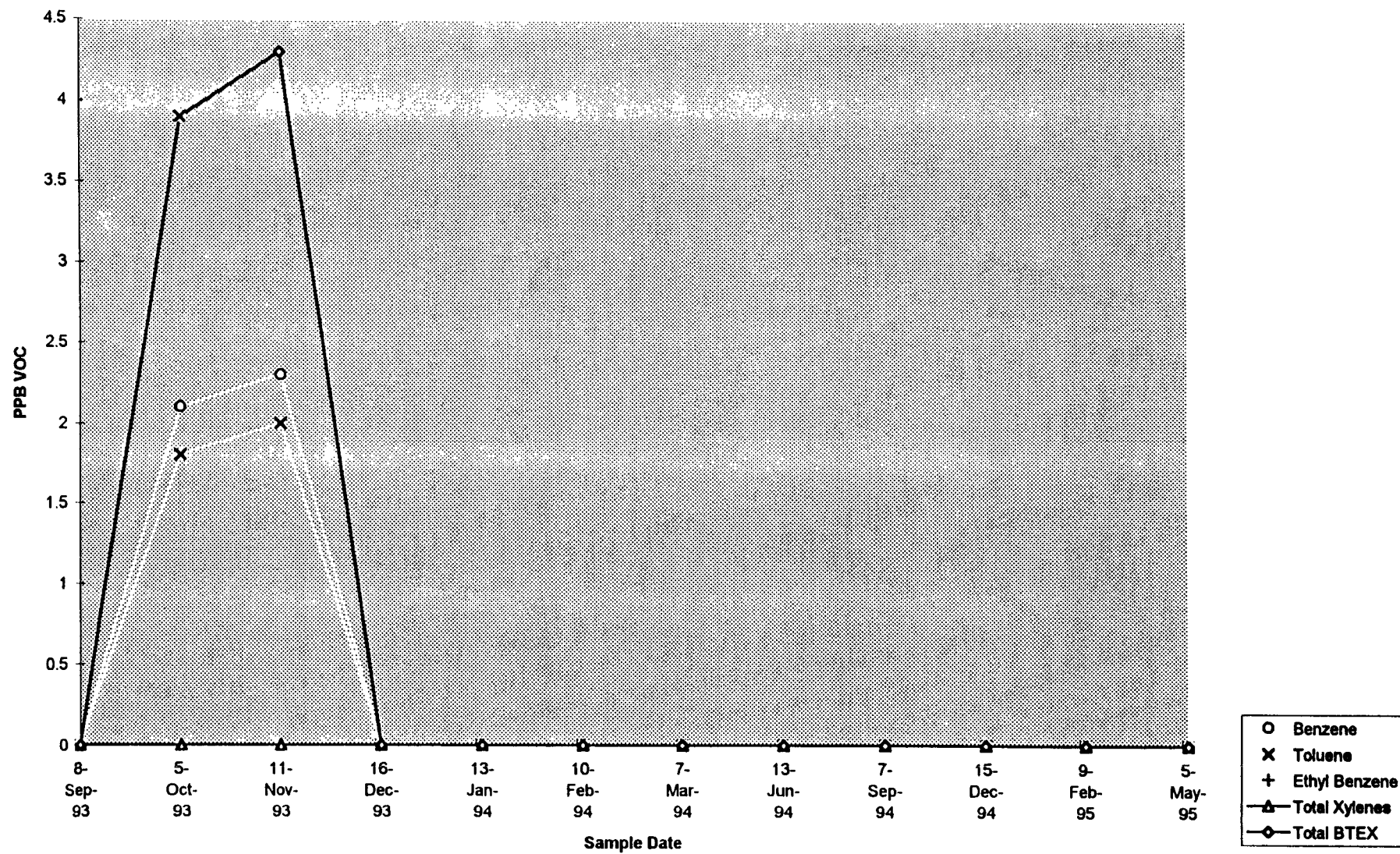
Jaquez Monitor Well R-5



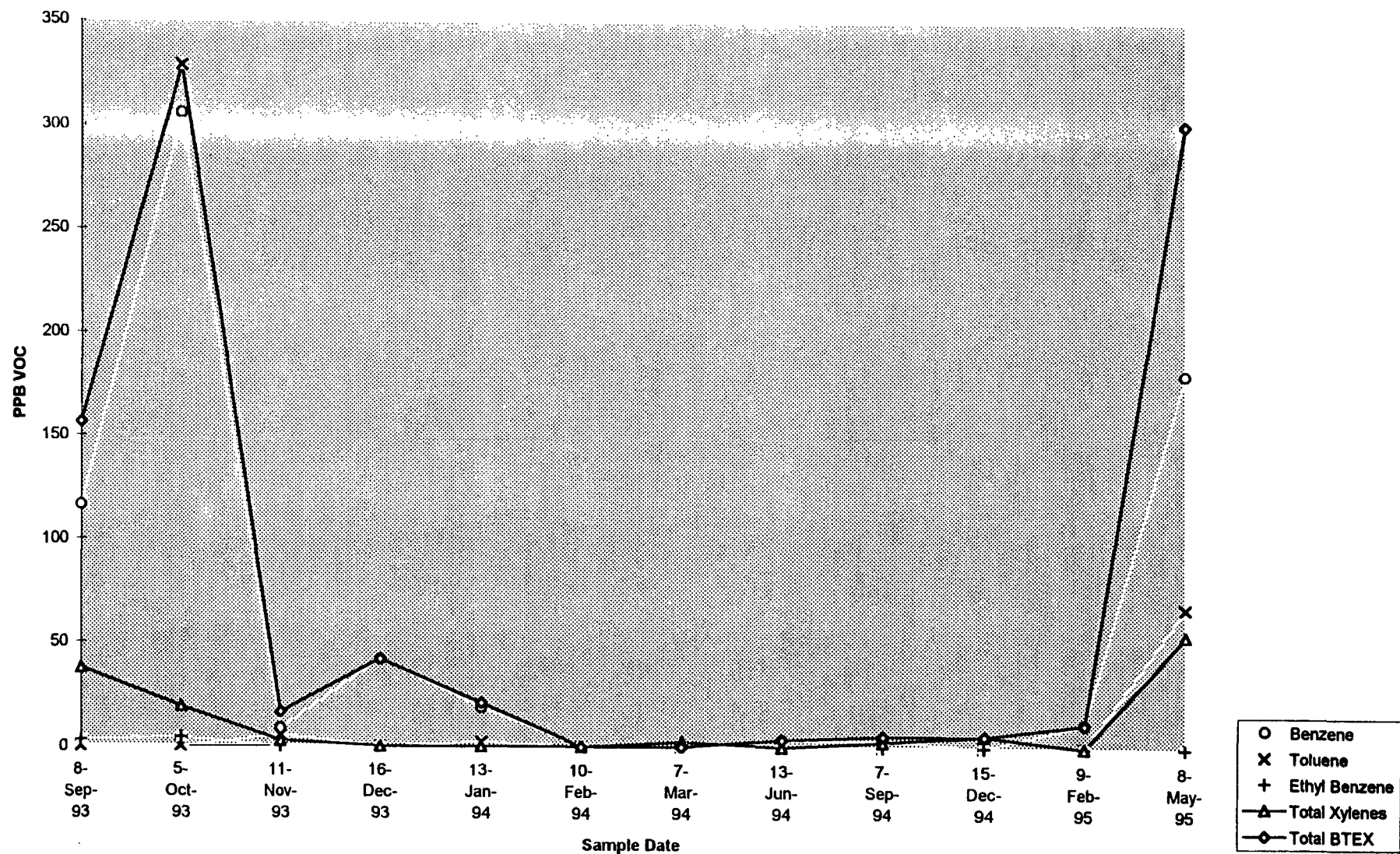
Jaquez Monitor Well M-1



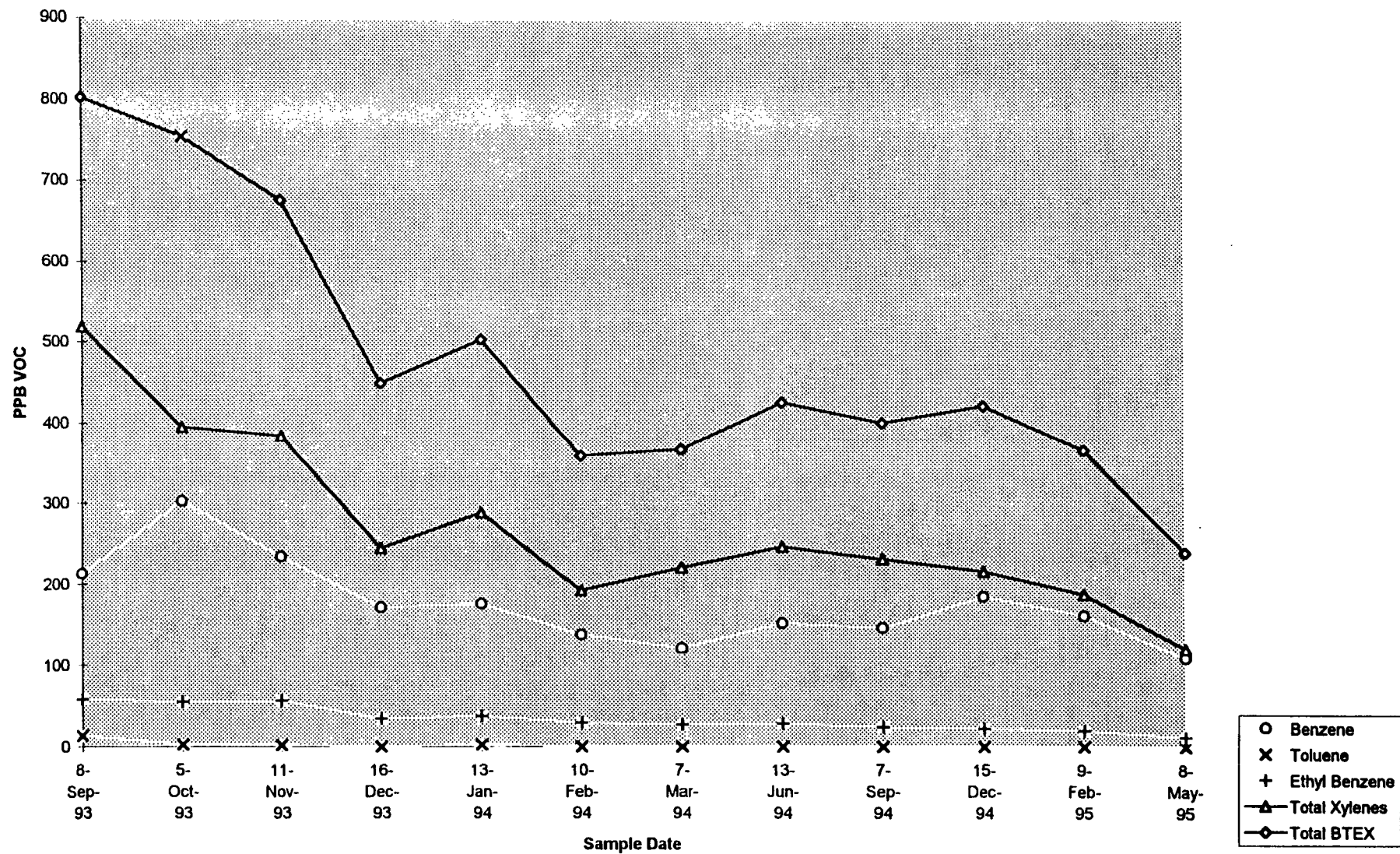
Jaquez Monitor Well M-2



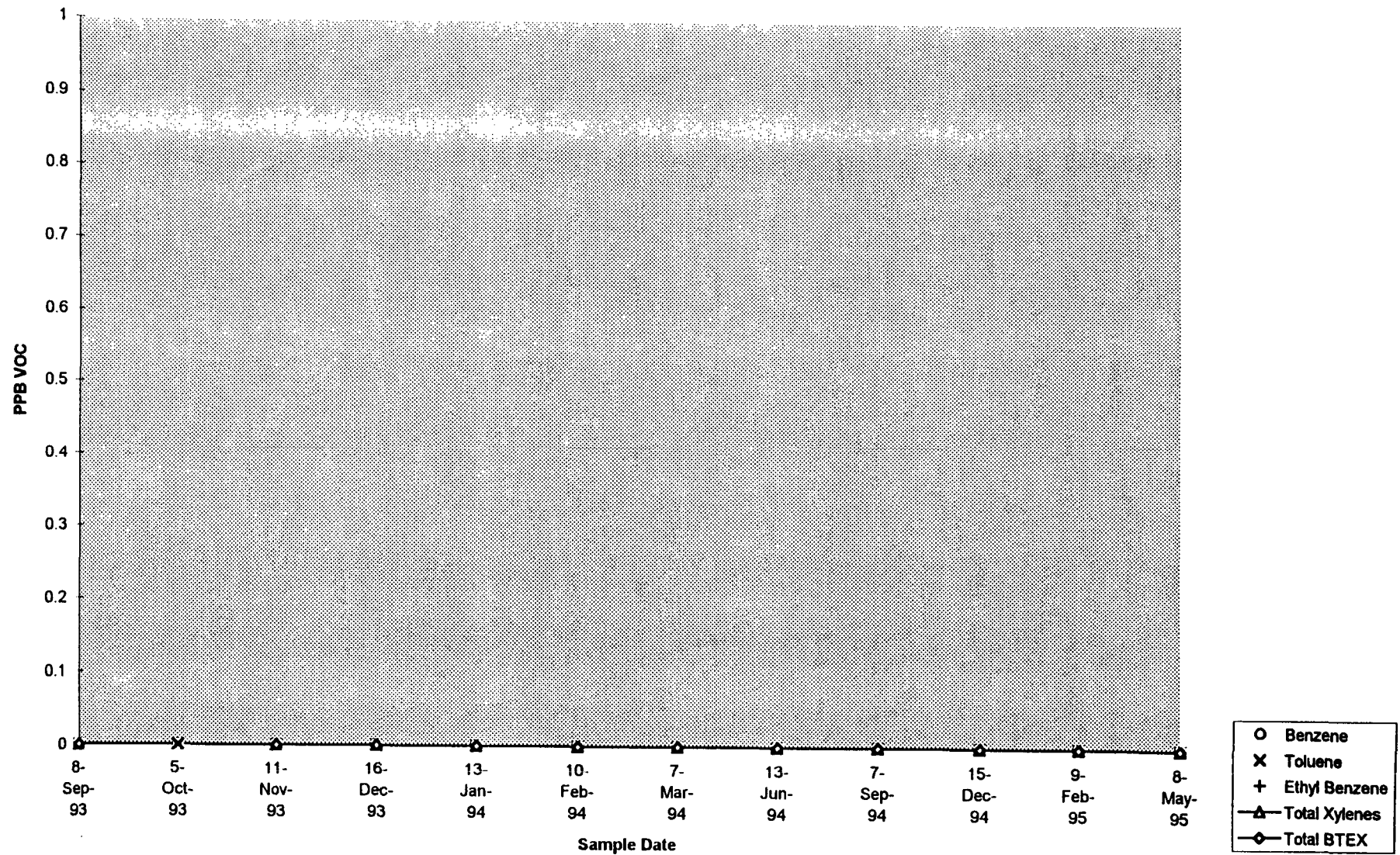
Jaquez Monitor Well M-3



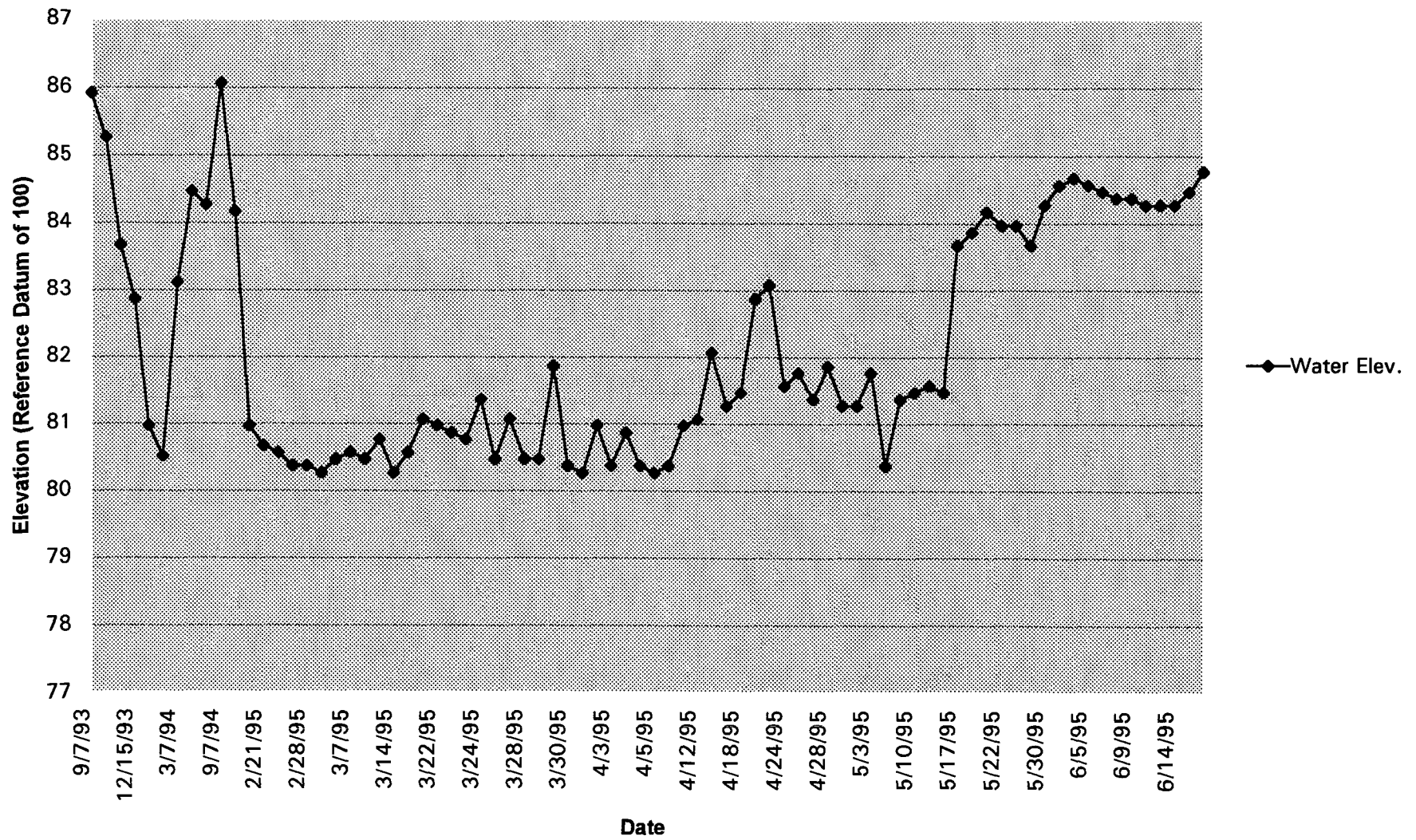
Jaquez Monitor Well M-4



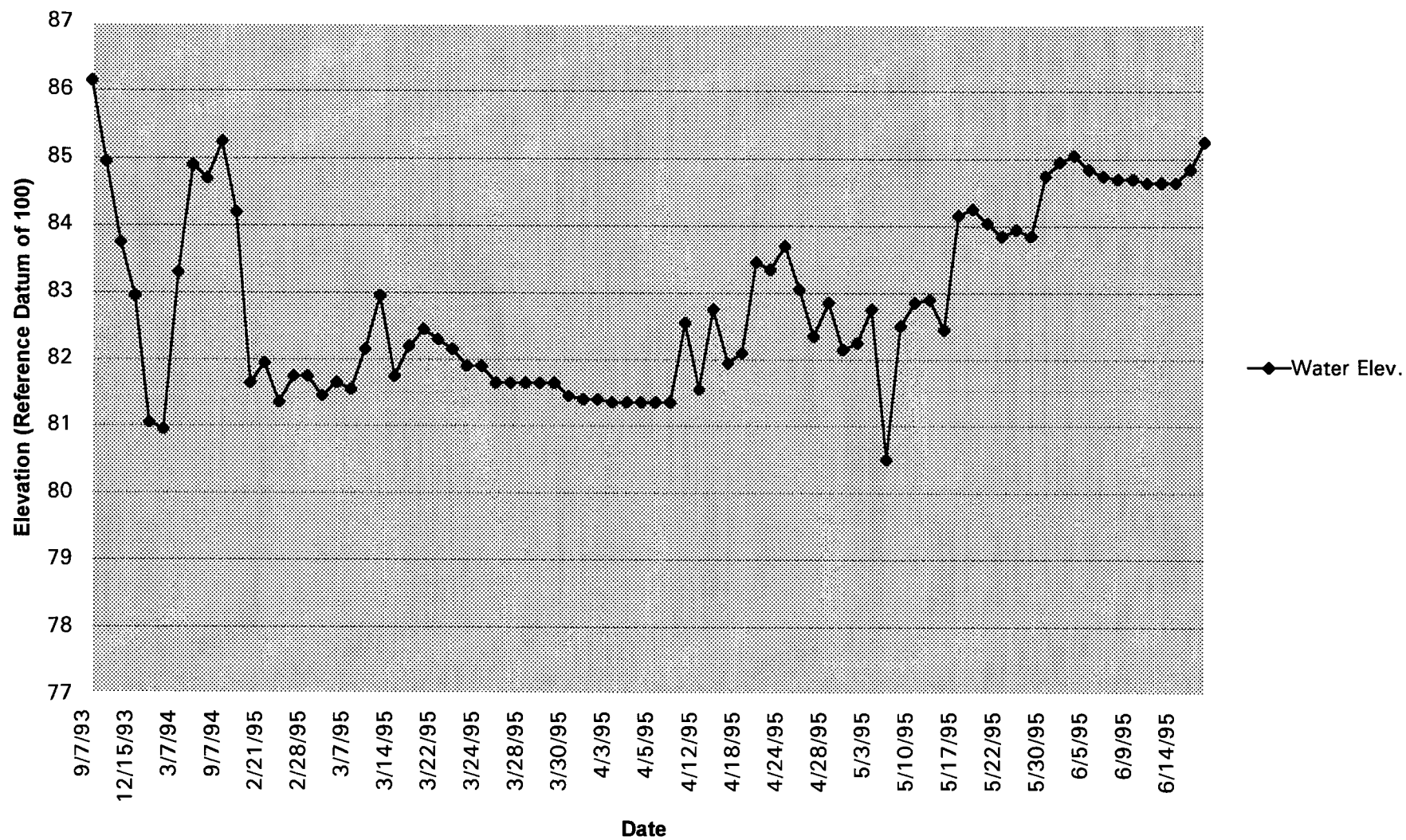
Jaquez Monitor Well M-5



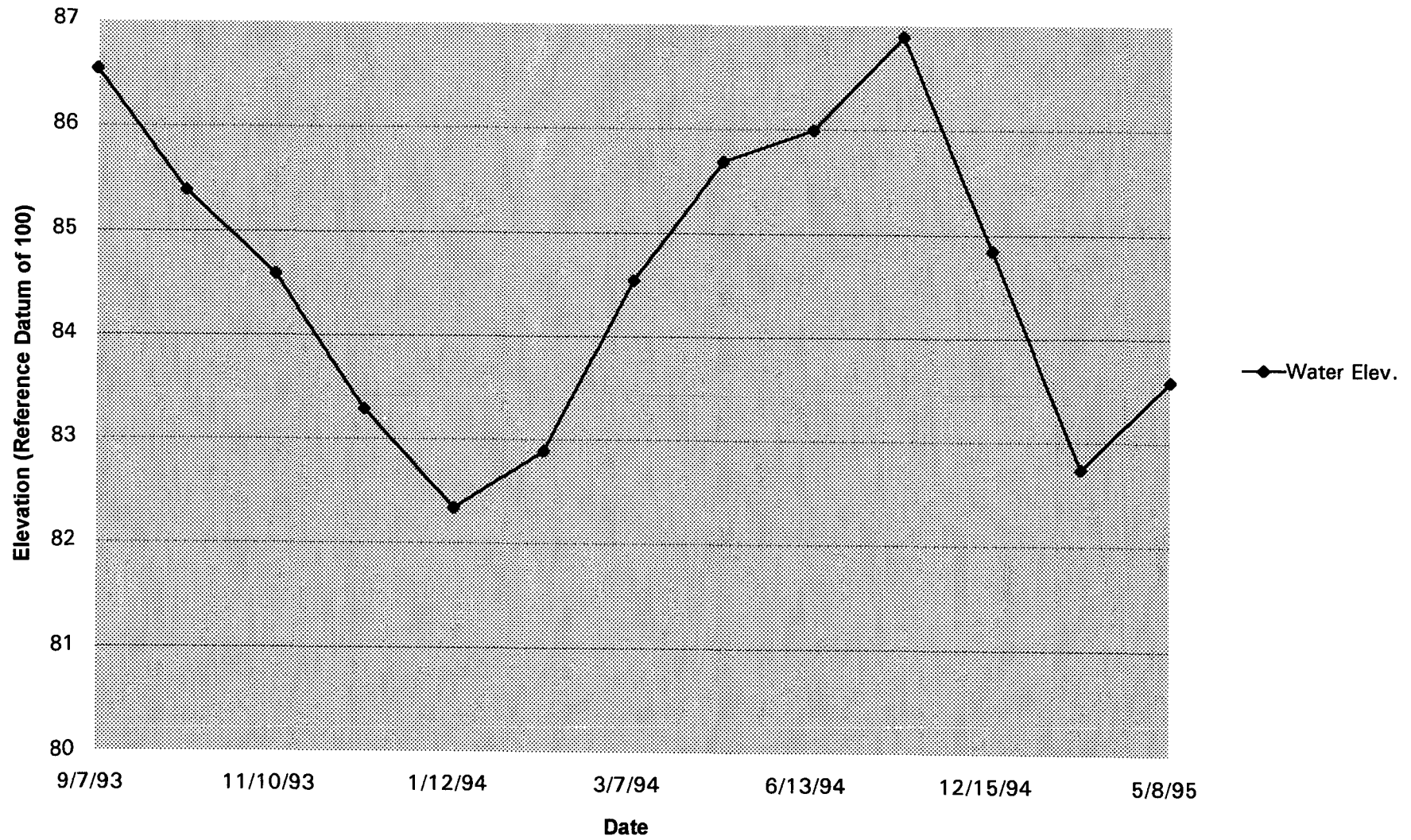
Monitor Well R-1 Groundwater Elevation



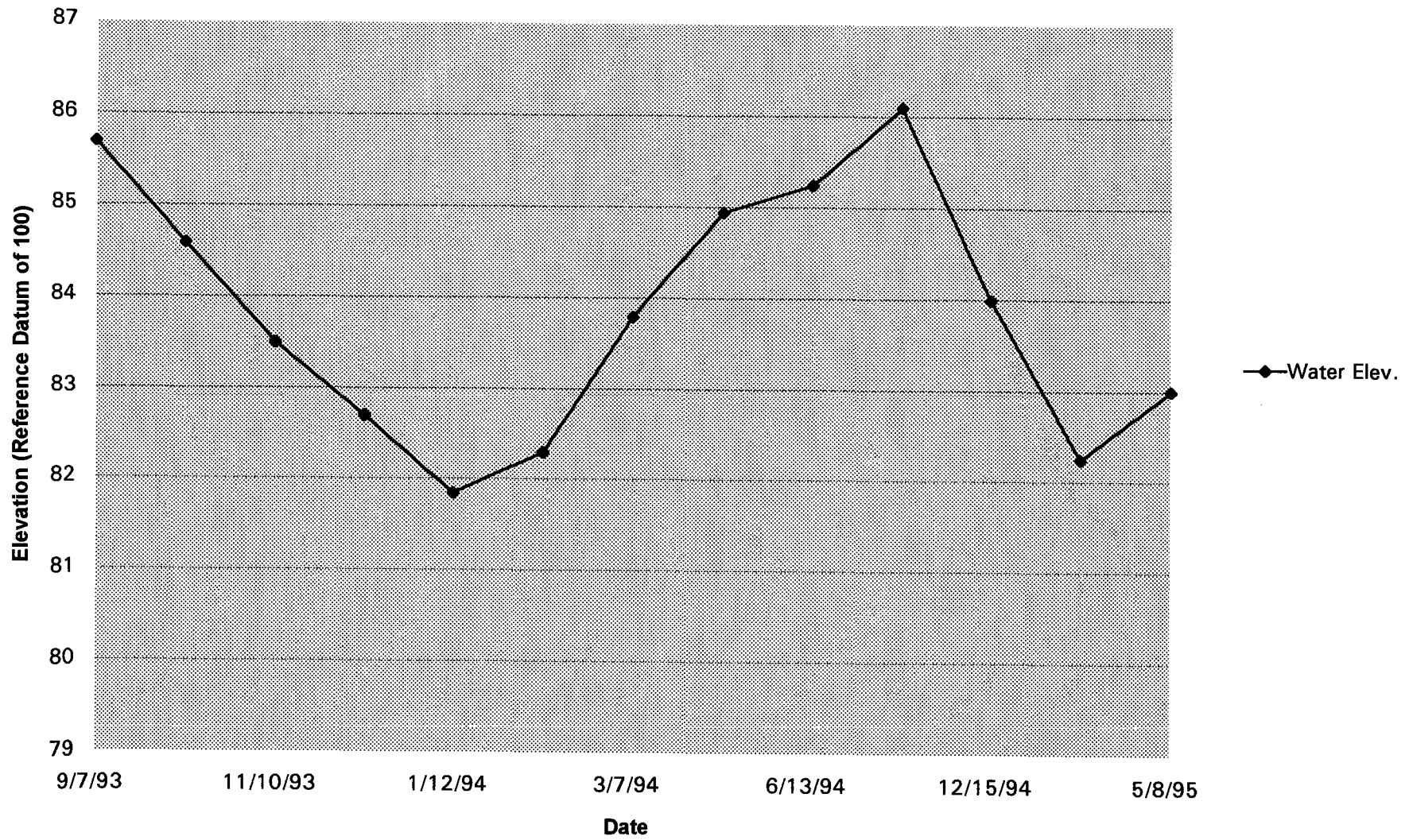
Monitor Well R-2 Groundwater Elevation



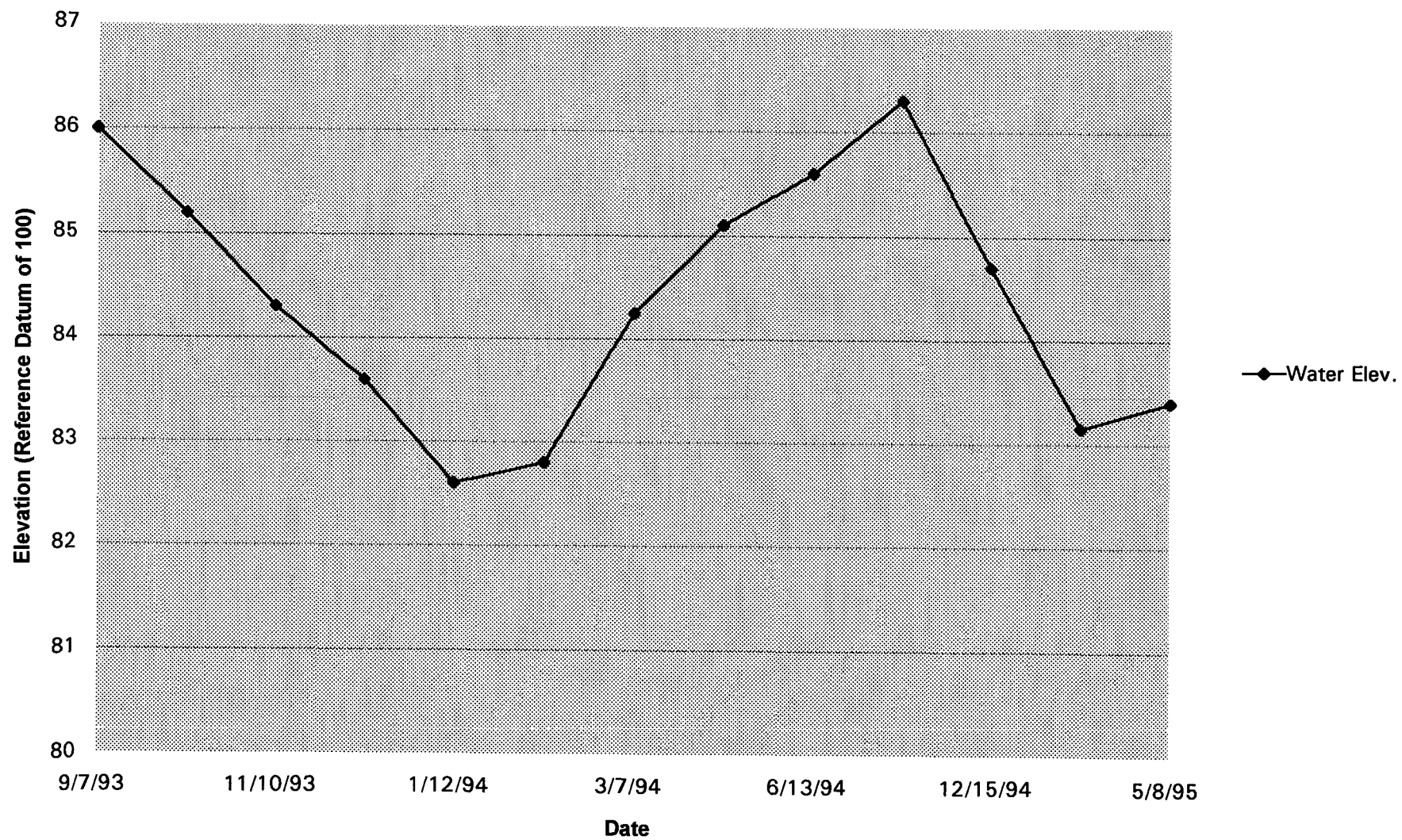
Monitor Well R-3 Groundwater Elevation



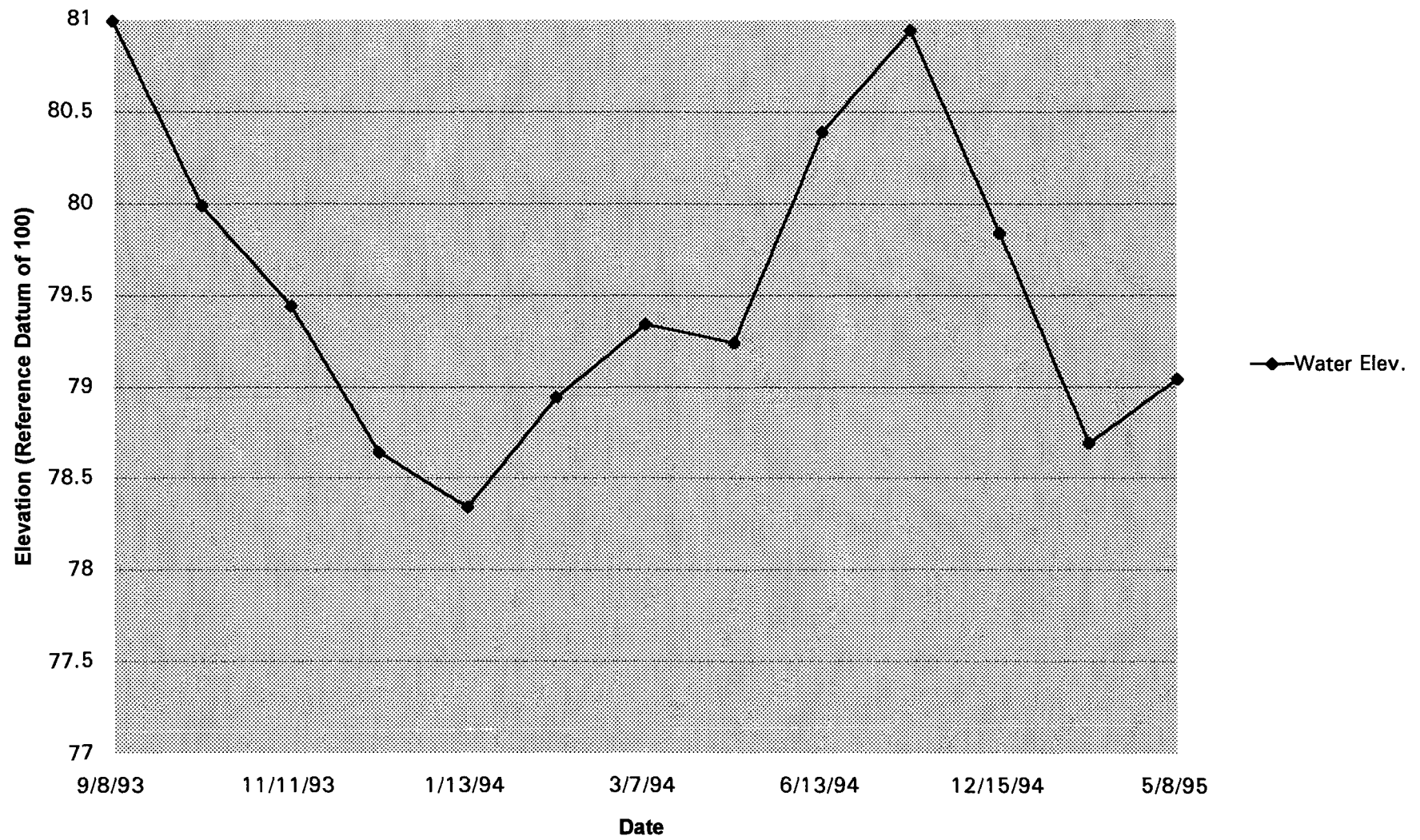
Monitor Well R-4 Groundwater Elevation



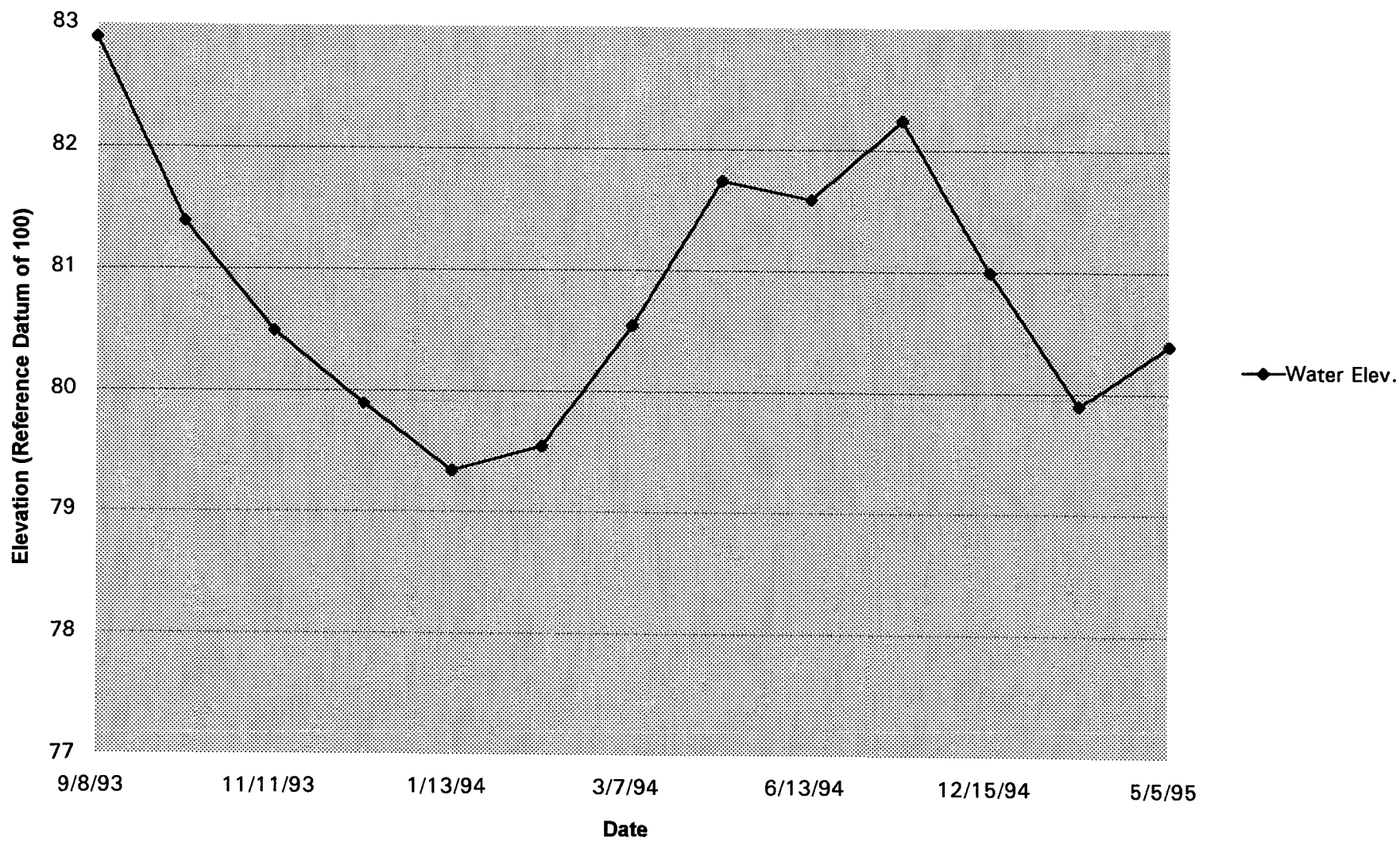
Monitor Well R-5 Groundwater Elevation



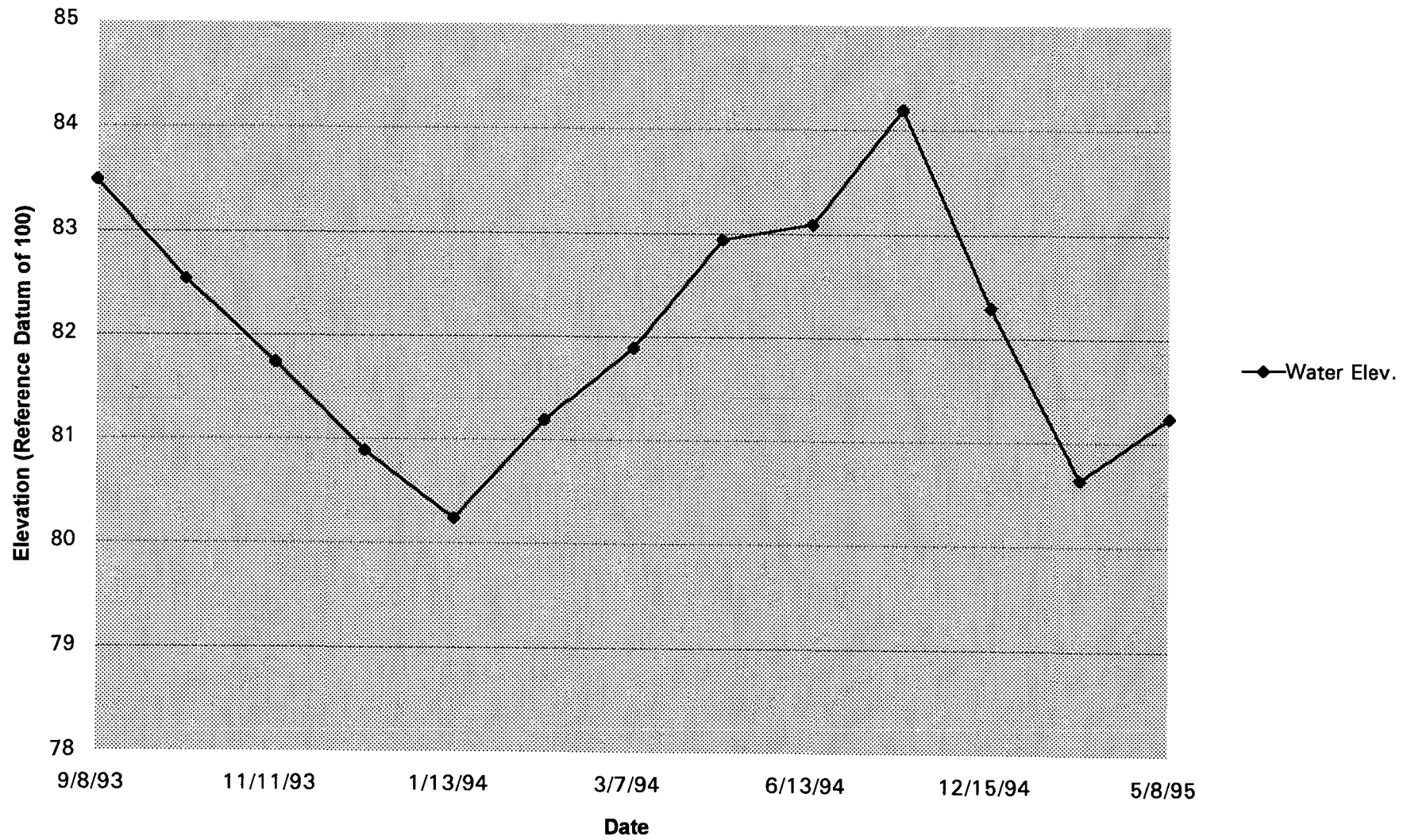
Monitor Well M-1 Groundwater Elevation



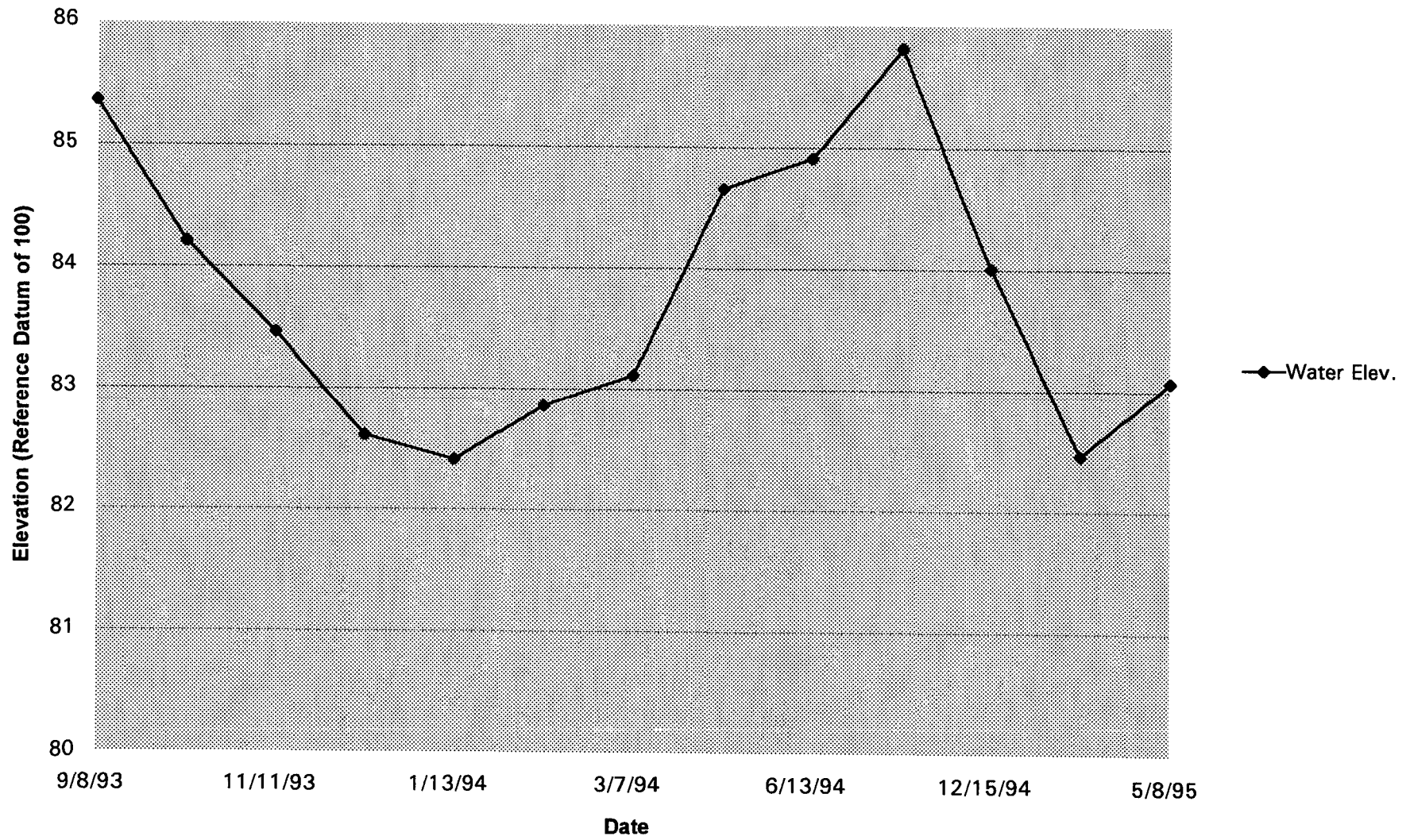
Monitor Well M-2 Groundwater Elevation



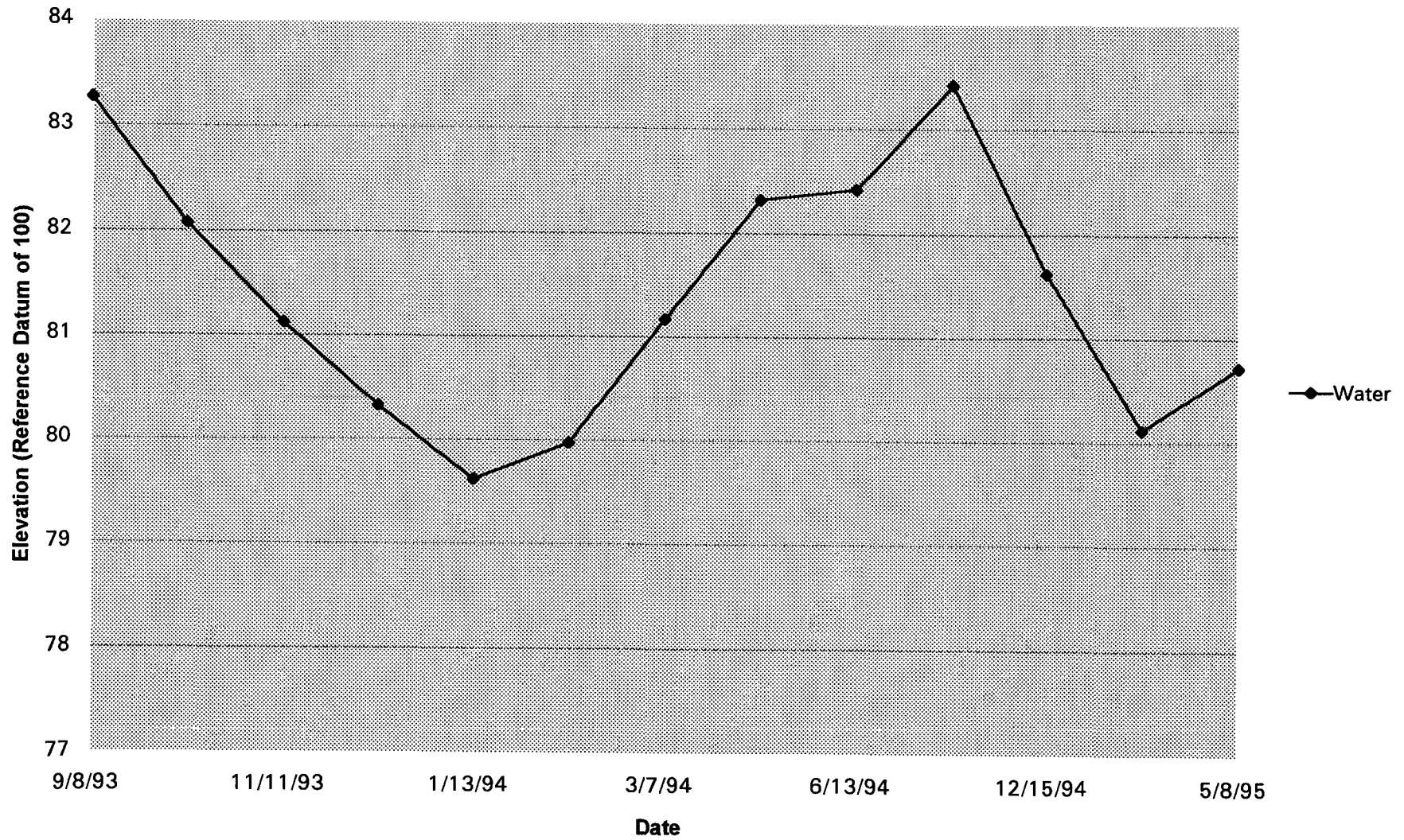
Monitor Well M-3 Groundwater Elevation



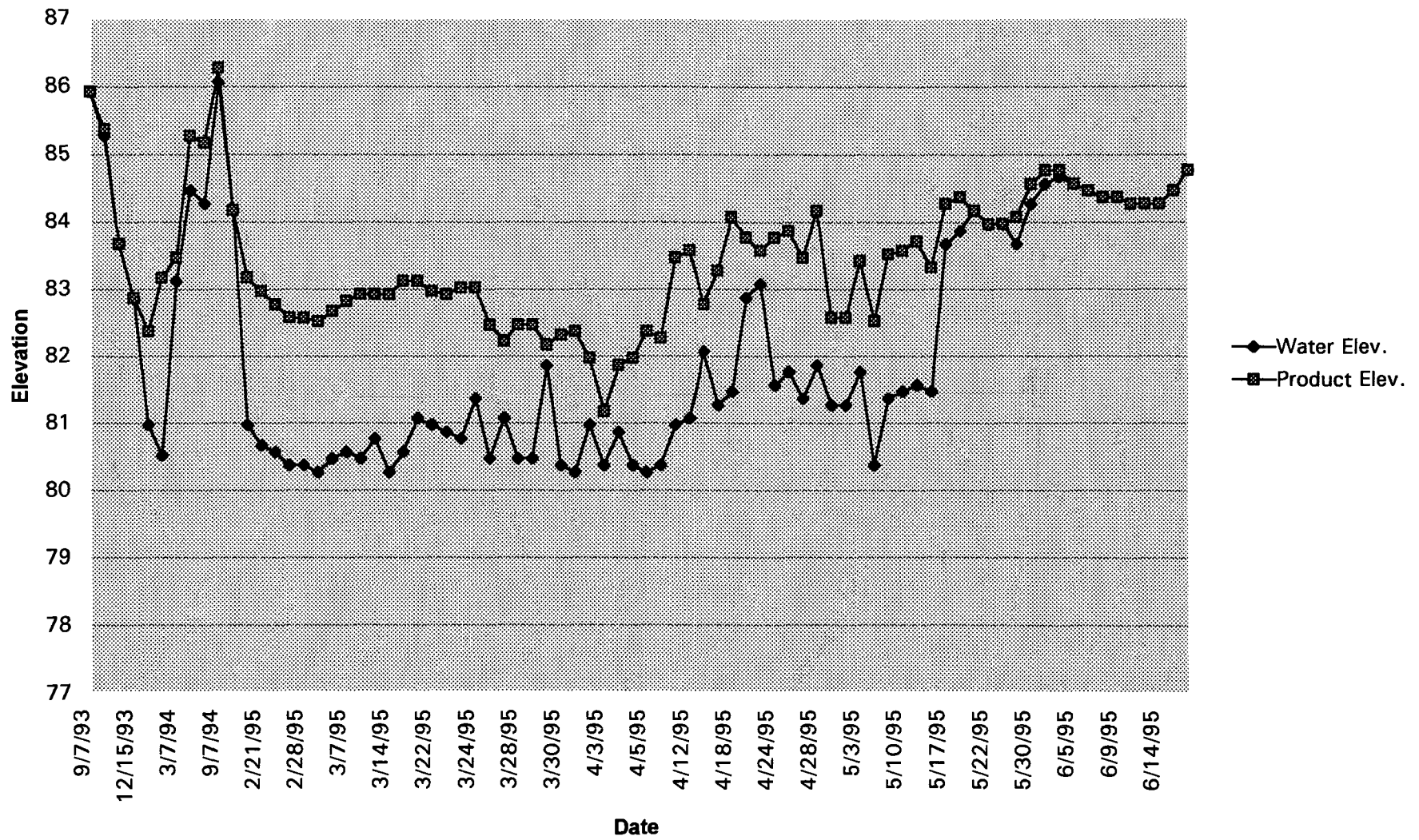
Monitor Well M-4 Groundwater Elevation



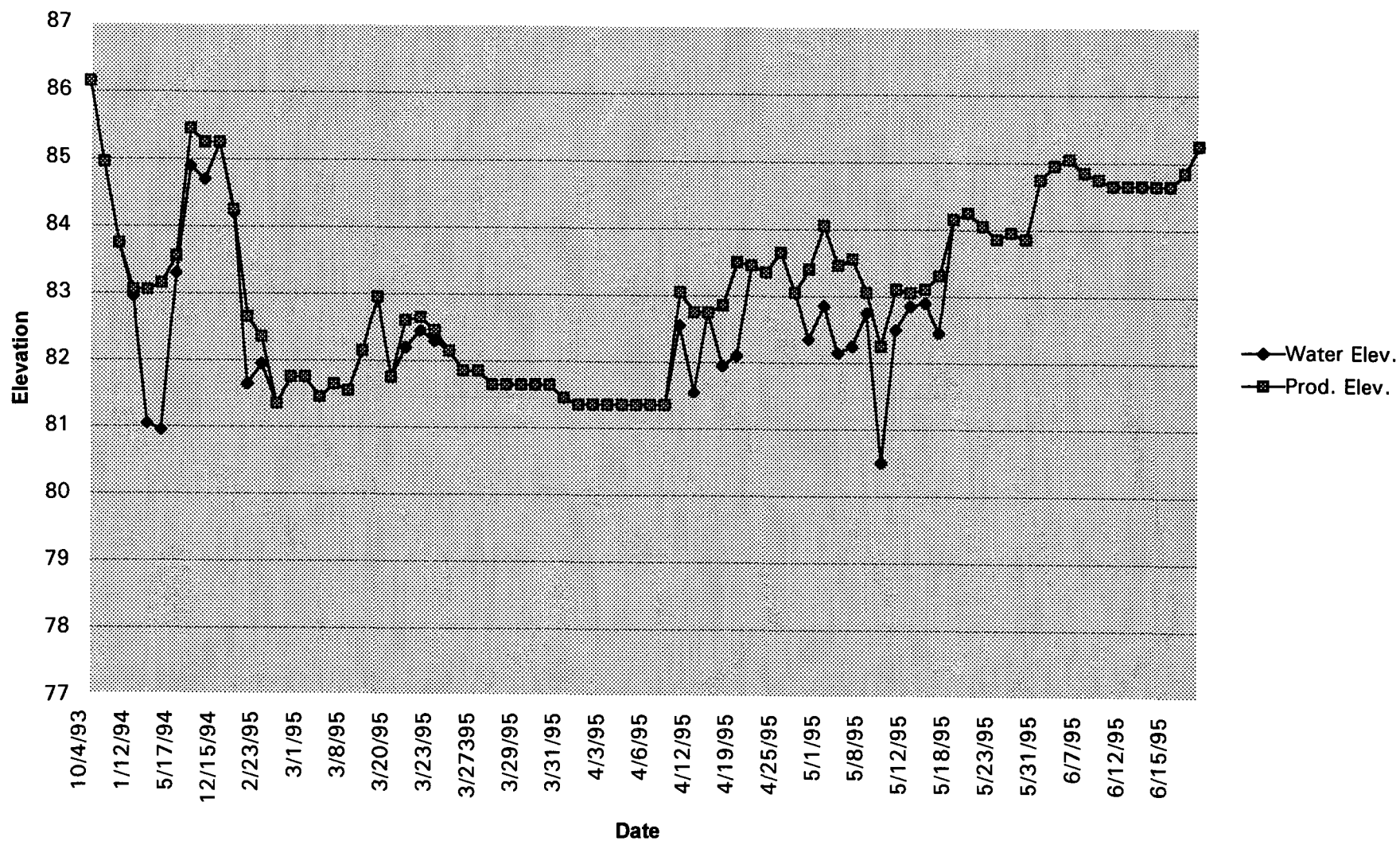
Monitor Well M-5 Groundwater Elevation

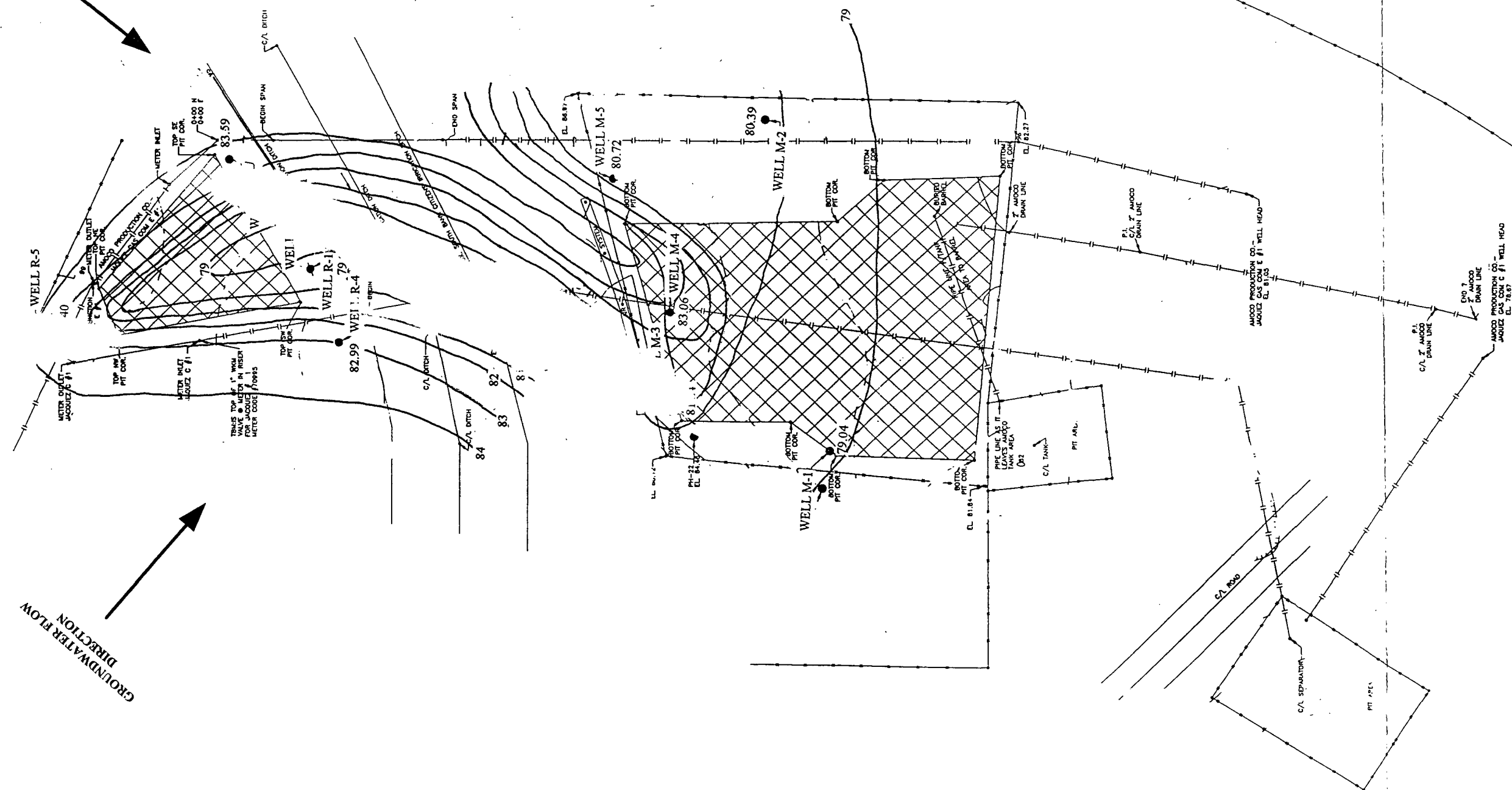
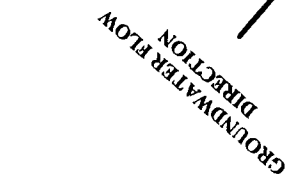


Monitor Well R-1 Water vs. Product



Monitor Well R-2 Water vs. Product





ENG. RECORD		DATE
DRAFTING DESIGN	RAF	
COMPUTER GRAPHICS	RAF	
CHECKED		
PROJECT APPROVAL		
DESIGN APPROVAL		

e **El Paso** WATER LEVEL CONTOUR MAP
NATURAL GAS COMPANY
CONTOUR INTERVAL ONE FOOT
JACQUEZ GAS COM E #1 & C #1 WELLS
DATA COLLECTED MAY 8, 1995
SE/4 SECTION 6, T-29-N, R-9-W, N.M.P.M.