

START

0020308

March 24, 1992

Meeting Minutes Transmittal/Approval
 Unit Managers Meeting: 200-BP-1 Operable Unit
 450 Hills Street, Richland, WA
 February 26, 1992

From/ Appvl.: Allan Harris Date: 3/25/92
 Allan Harris, 200-BP-1 Unit Manager, DOE-RL (A5-19)

Appvl.: Doug Sherwood Date: 3/25/92
 Doug Sherwood, 200-BP-1 Unit Manager, EPA (B5-01)

Appvl.: Charles J. Quinn for LG Date: 3/25/92
 Larry Goldstein, 200-BP-1 Unit Manager, WA Department of Ecology

Meeting Minutes are attached. Minutes are comprised of the following:

- Attachment #1 - Meeting Summary/Summary of Commitments and Agreements
- Attachment #2 - Attendance List
- Attachment #3 - Agenda for the Meeting
- Attachment #4 - Status of Action Items
- Attachment #5 - Change Control Form #20
- Attachment #6 - Constant Discharge Test Pumping Well 53-55C, 200-BP-1
- Attachment #7 - 200-BP-1 Remedial Investigation Activities
- Attachment #8 - Schedule

Prepared by: W.S. McCleary Date: 3/31/92
 SWEA Support Services

Concurrence by: Wanda Burk Date: 3/31/92
 WRC RI Coordinator



92125020002

Attachment #1

Meeting Summary and Summary of Commitments and Agreements

200-BP-1 Unit Managers Meeting
February 26, 1992

1. There were no outstanding action items to present.
2. Mark Buckmaster (WHC) reported there was one work plan change for the month of February 1992, which related to the audit presently taking place at 200-BP-1 (see Attachment #5).
3. Craig Swanson (WHC) gave a presentation on the constant discharge test on pumping well 53-55C, which is located north of the 200 East Area (see Attachment #6). WHC has not finished analyzing the final results, but did have preliminary test results to report on. Mr. Swanson stated that when the analysis is finalized, he plans on presenting a more extensive talk, along with some slides. Mr. Buckmaster indicated WHC is considering conducting an occasional pump test based on the results from the constant discharge testing, and would like to obtain a decision regarding performing this testing as soon as possible.
4. Mr. Buckmaster reported there was a shutdown in the 200 East Area on January 28, 1992, due to unidentified fumes. Most of the ongoing activities were affected by the shutdown, and work is just beginning to resume. Regarding column leach testing, Mr. Buckmaster stated there was a major impact in not having access to the area, and indicated there were QA requirements that needed discussing. Dennis Faulk (EPA) suggested submitting any plans to Doug Sherwood (EPA).

The first quarter of groundwater sampling analytical results have been transmitted to the regulators. Approximately three-fourths of the second quarter of groundwater sampling results have been received and are in the process of being validated by WHC's subcontractors. The crib data has not been received for validation. None of the hot sample analytical data has been received from PNL. WHC will be meeting with PNL next week to request any results they do have.

There was no change in the schedule (see Attachment #8) since last month, January 1992.

Chuck Augustine (WHC) gave a presentation regarding WHC's intent for the Hanford Waste Vitrification Plant (HWVP) to initiate construction within the bounds of the 200-BP-9 site. An abandoned aggregate pit, "pit 29," which is located adjacent to 200-BP-9, is to be used for depositing soils and excess materials. The pit has been surveyed at great length and contains no known hazardous regulated wastes. Mr. Augustine stated WHC would not be taking any activity in this location that would preclude characterization at some time in the future.

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(except radiological materials)
see

Attachment #2

Attendance

200-BP-1 Operable Unit Managers Meeting
February 26, 1992

<u>Name</u>	<u>Org.</u>	<u>O.U. Role</u>	<u>Phone</u>
Chuck Cline	Ecology	Hydrogeology	206-438-7556
Dennis Faulk	EPA	Unit Manager	509-376-8631
Pamela Innis	EPA	Unit Manager	509-376-4919
Bob Bryce	PNL	PNL	509-376-8345
Julie Erickson	RL	Branch Chief	509-376-3603
Allan Harris	RL	Unit Manager	509-376-4339
Paul Pak	RL	DOE-RL	509-376-4798
Joe King	SWEC	GSSC, RL	509-376-4726
Bill McClung	SWEC	GSSC, RL	509-376-1853
Mike Baehre	USACE	USACE	509-376-1275
Brian Drost	USGS	EPA Support	206-593-6510
Chuck Augustine	WHC	HWVP-Const	509-376-4772
Mark Buckmaster	WHC	RI Coordinator	509-376-1792
R.A. Carlson	WHC	EEG Manager	509-376-9027
Hal Downey	WHC	WHC-ER Program	509-376-5539
Brad Erlandson	WHC	Facility Compliance	509-376-5969
Ken Hoffman	WHC	Geosciences	509-376-3725
Jeff Lerch	WHC	OSM	509-373-3419
Steve Trent	WHC	Geosciences	509-376-7226

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Attachment #3

AGENDA

**200-BP-1 Operable Unit Managers Meeting
February 26, 1992**

Introduction:

Status:

Action Items:

- o No Action Items

Work Plan:

- o Management Plan

Remedial Investigation:

- o Task 11 Hydraulic Pump Testing
- o Task 6 Phase IB Wells
- o Column Leach/Sorption Testing
- o Groundwater Sampling
- o Source and Vadose Sampling

Issues:

Other Topics:

- o Schedule

Agreements and Commitments

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Attachment #4

Status of Action Items

**200-BP-1 Operable Unit Managers Meeting
February 26, 1992**

There were no actions items presented for the month of February 1992.

9 2 1 2 5 0 2 0 0 0 7

**CONSTANT DISCHARGE TEST
PUMPING WELL 53-55C, 200-BP-1**

- o **DESCRIPTION OF AQUIFER TEST**
- o **WELL CONFIGURATION**
- o **PRELIMINARY TEST RESULTS**

9 2 1 2 5 0 2 0 0 0 9

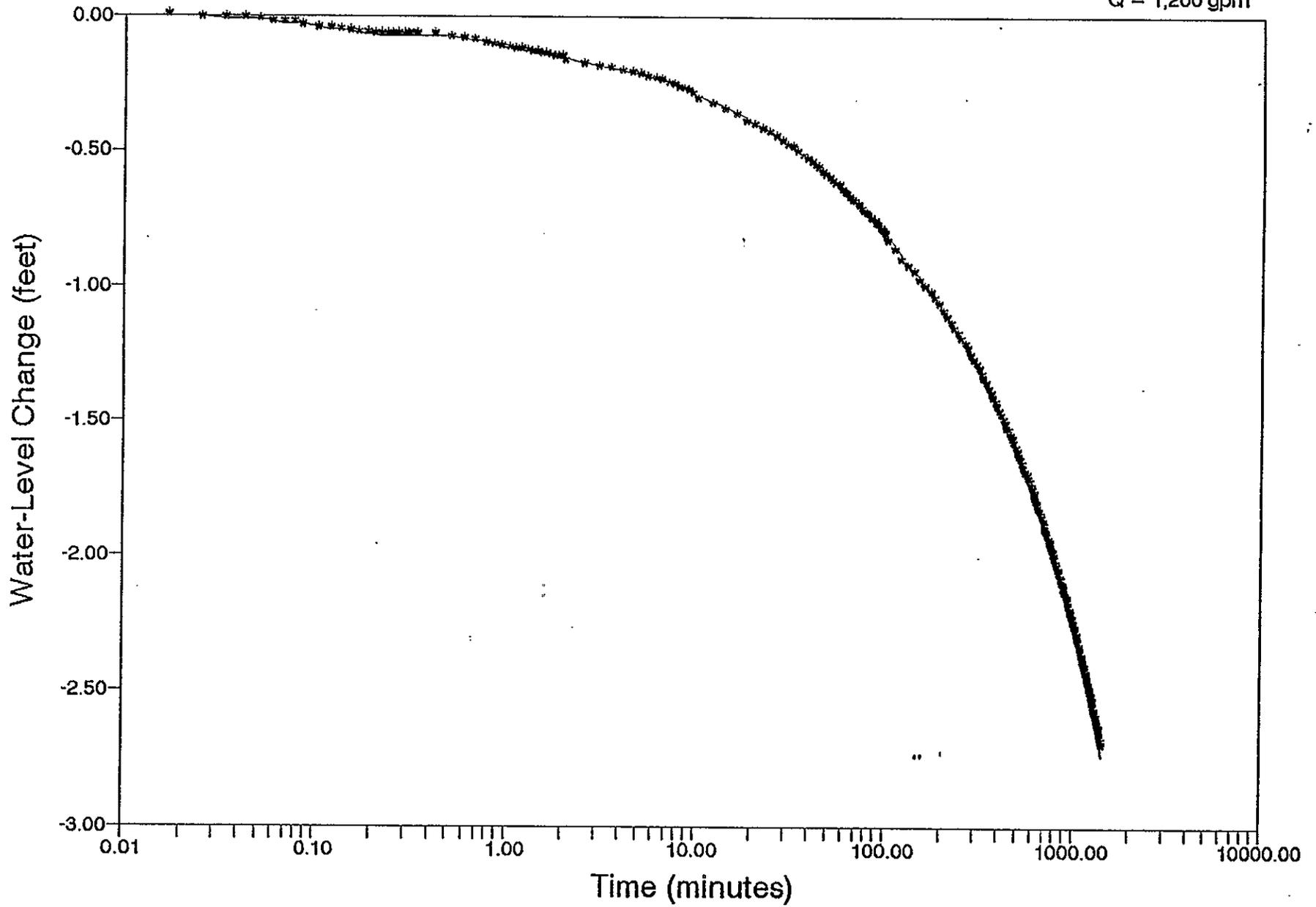
DESCRIPTION OF TEST ACTIVITIES

- o **AQUIFER TESTING THE THIRD WEEK OF JANUARY**
- o **COLLECT PRE-TEST DATA (6 DAYS)**
- o **STEP-DRAWDOWN TESTING (1/2 DAY)
-RATES OF 600, 1200, 1800, AND 2400 GPM**
- o **RECOVERY PERIOD**
- o **ABORT LONG-TERM TEST (3 HOURS)**
- o **RECOVERY PERIOD**
- o **PERFORM LONG-TERM TEST (24 HOURS)**
- o **RECOVERY PERIOD**

9
2
1
2
5
0
2
0
0
1
0

9 2 1 2 5 0 2 0 0 1 1
Observation Well 53-55A
Constant Discharge at Well 53-55C

Q = 1,200 gpm



PRELIMINARY TEST RESULTS

o ANALYSIS FACTORS AND CONSTRAINTS

-PARTIALLY PENETRATING WELLS

-NO FOOT VALVE ON PUMP DISCHARGE COLUMN

-PROBABLE BOUNDARY AFTER ABOUT 150 MINUTES

-LONG-TERM RECOVERY DATA NOT AVAILABLE DUE TO DATA LOGGER PROBLEM

o TEST RESULTS

-BOTH OBSERVATION WELLS EXHIBITED SIMILAR RESPONSE,
EVEN THOUGH DIFFERENT DISTANCES, AND
SCREEN LOCATIONS

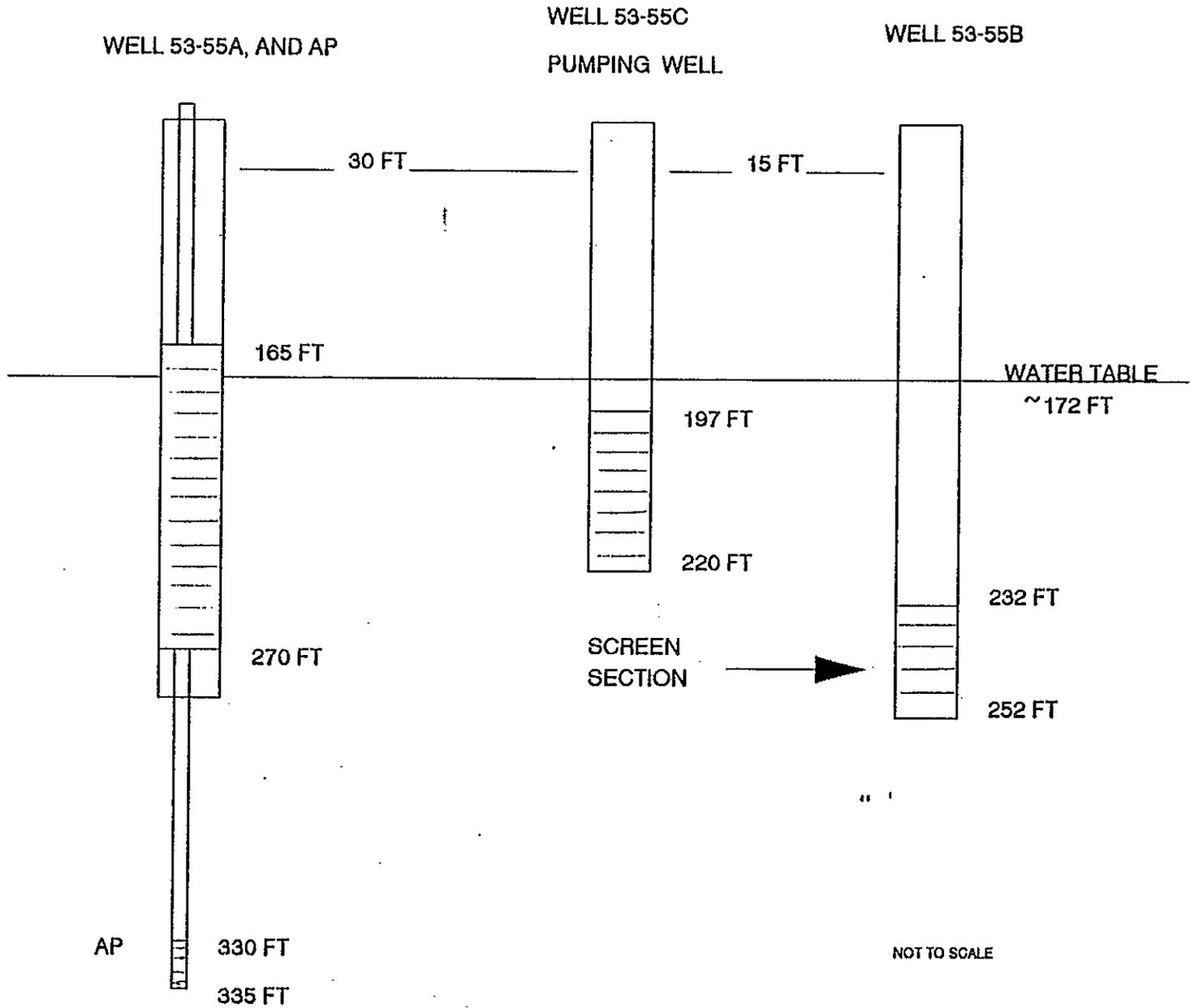
-INITIAL TRANSMISSIVITIES ESTIMATED AT
60,000 TO 70,000 FT²/D

-ANALYSIS STILL IN PROGRESS, USING INVERSE
PROBLEM APPROACH

92125920012

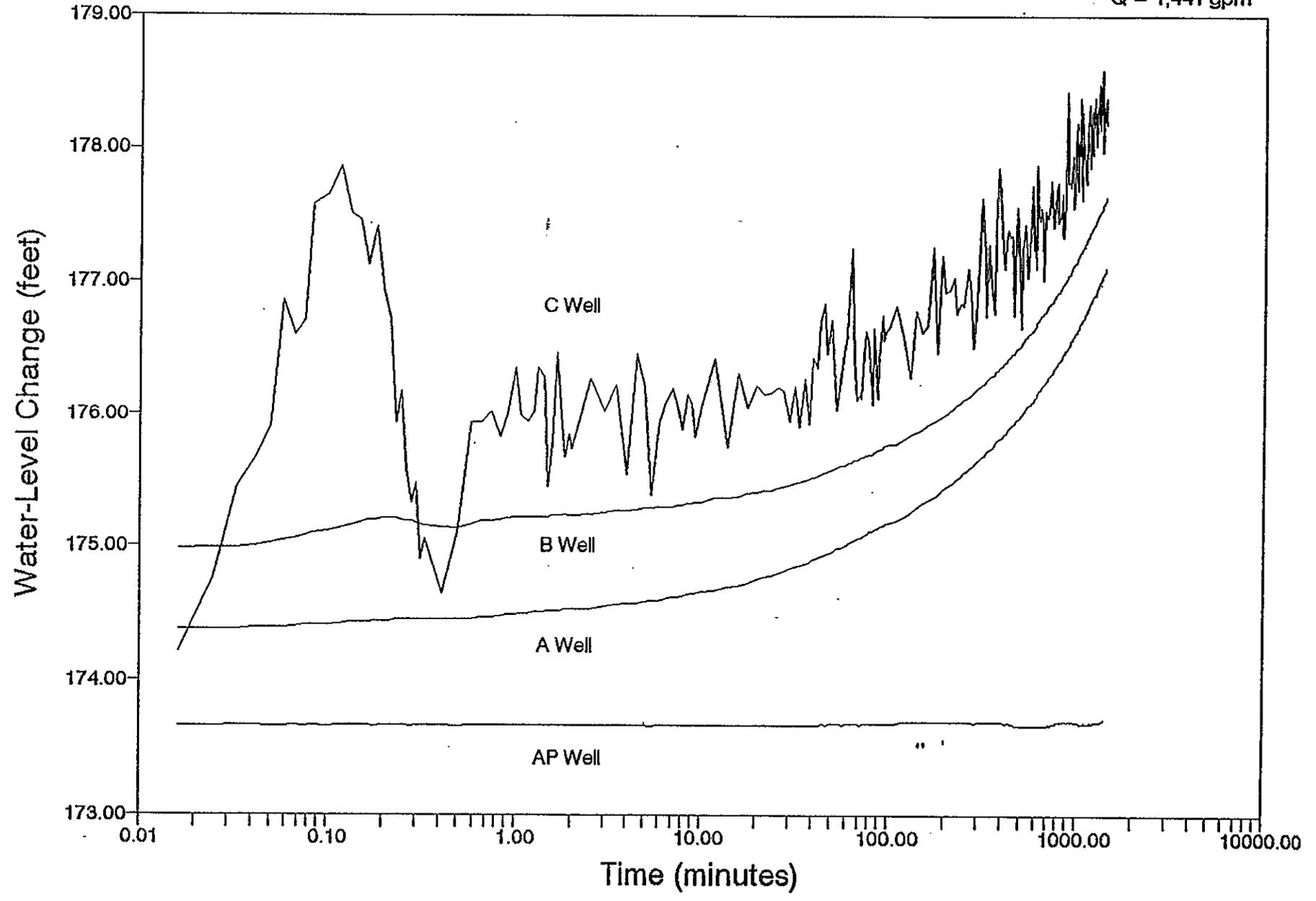
9 2 1 2 5 0 2 0 0 1 3

WELL CONFIGURATION AT 53-55C SITE



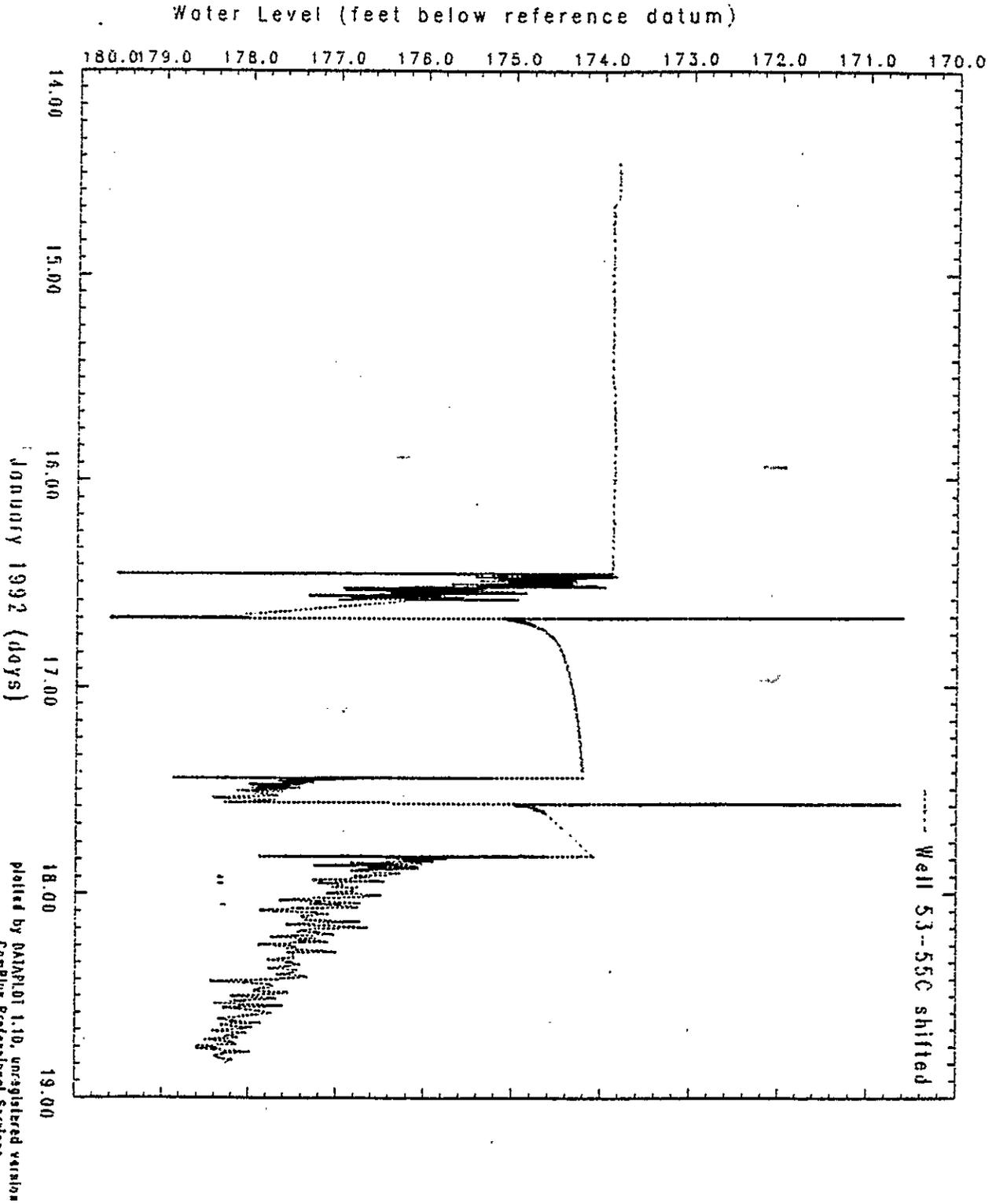
9 2 1 2 5 0 2 0 0 1 4
Water-Level Change vs Time
Constant Discharge at Well 53-55C

Q = 1,441 gpm



9 2 1 2 5 0 2 0 0 1 5

Well Hydrograph Response

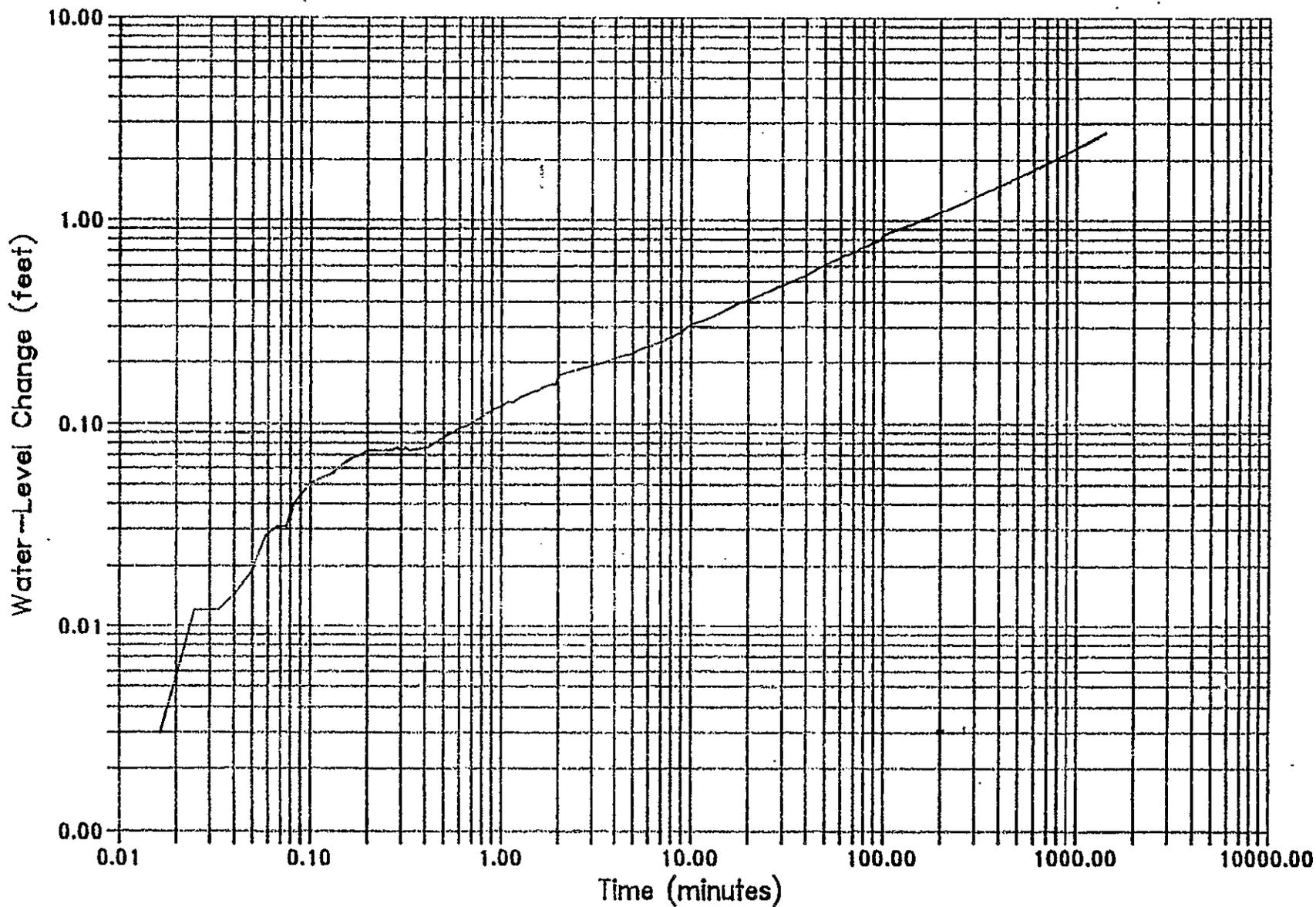


January 1992 (days)

plotted by DATAPLOT 1.10, unregistered version
CampPlus Professional Services

9 2 1 2 5 0 2 0 0 1 6

Observation Well 53-55A
Constant Discharge at Well 53-55C



200-BP-1 RI ACTIVITIES

1. Task 6 Phase IB wells.
 - o Well 699-57-59 is scheduled for construction in early March.
 - o "Fitness for Use" for wells 699-60-60, 699-59-58, and 699-60-57 is continuing.
2. Column Leach Testing
 - o No progress
3. Sorption Testing
 - o Draft literature search has been completed and is currently being cleared for release.
4. Groundwater Sampling
 - o 17 wells remain to be sampled. Delays due to the chemical exposure.
 - o Analytical results
5. Source and Vadose Sampling
 - o No progress.
 - o Restart drilling and sampling activities February 26, 1992.

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200-BP-1 OPERABLE UNIT

PHASE I REMEDIAL INVESTIGATION

TASK-1 MANAGEMENT & STATUS REPORTS

TASK-2 SOURCE SAMPLING AND ANALYSIS

TASK-2a PREPARATION

TASK-2b DRILLING AND SOIL SAMPLING

TASK-2c SAMPLE HANDLING AND TRANSFER

TASK-2d LABORATORY AVAIL. & CHEMICAL ANALYSIS

TASK-2e BOREHOLE GEOPHYSICS

TASK-2f GEODETIC SURVEY

TASK-2g BOREHOLE ABANDONMENT

TASK-3 SURFACE/NEAR SURFACE SOIL SAMPLE/ANALYSIS

TASK-3a PREPARATION

TASK-3b EVALUATE & TEST LEAK DETECTION TECHNIQUE

TASK-3c SCINTILLATION SURVEY OF LAND SURFACE

TASK-3d STAGE 1 SOIL PROBE SURVEY

TASK-3e STAGE 2 SOIL PROBE SURVEY

TASK-3f SOIL SAMPLING

TASK-3g GEODETIC CONTROL & SURVEY

TASK-3h LABORATORY AVAIL. & CHEMICAL ANALYSIS

TASK-4 VADOSE ZONE SOIL SAMPLING & ANALYSIS

TASK-4a REVIEW & PREPARATION

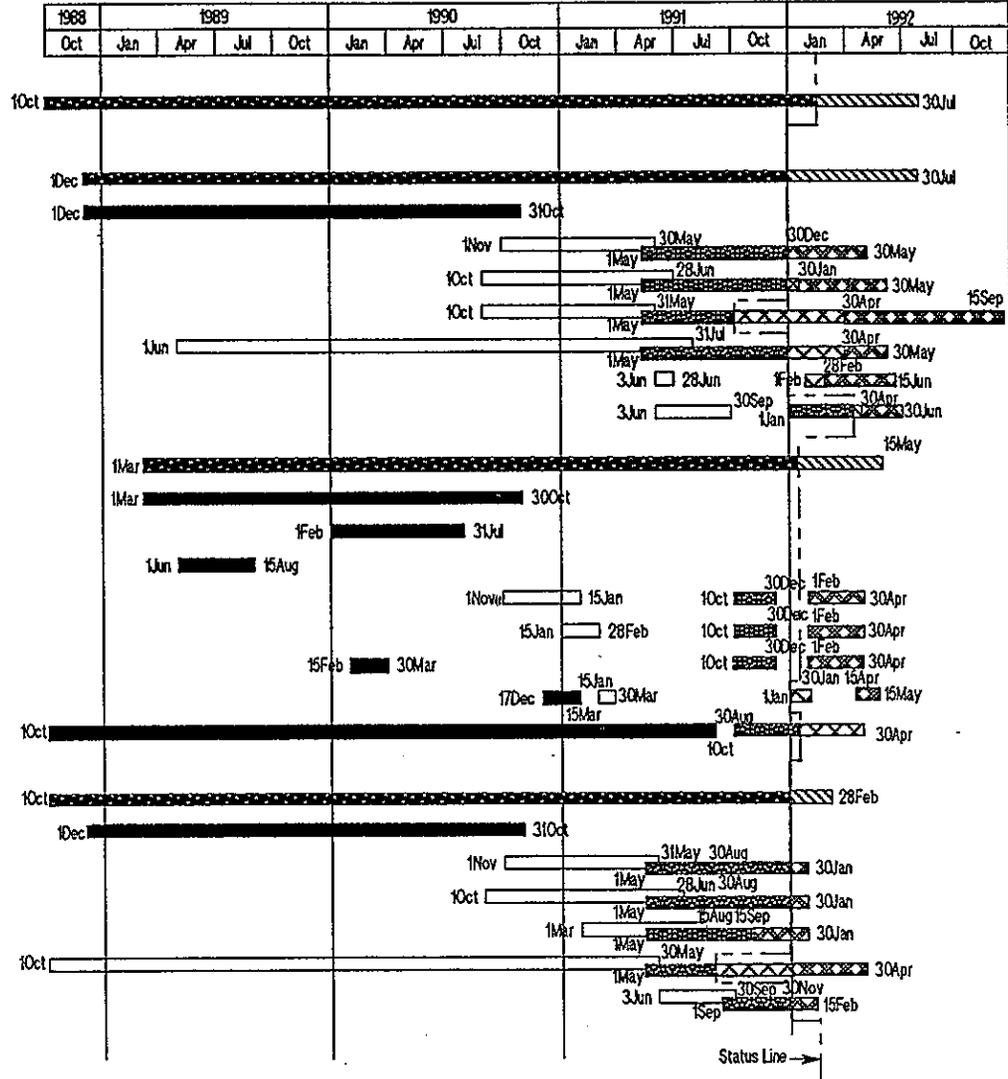
TASK-4b DRILLING & SAMPLING

TASK-4c SAMPLING, HANDLING & TRANSFER

TASK-4d BOREHOLE GEOPHYSICS

TASK-4e LABORATORY AVAIL. & CHEMICAL ANALYSIS

TASK-4f BOREHOLE ABANDONMENT



LEGEND:

	ORIGINAL SCHEDULE ACTIVITIES
	SUMMARY ACTIVITIES
	REVISED ACTIVITIES
	ACTUAL ACTIVITIES

Project: PE13A	200BP1IU	Date: 20 Jan 92 11:35
200-BP-1 REMEDIAL INVESTIGATION		
Page: 1 of 3	Drawn by: Steve J. Sakey	6-3092

200-BP-1 OPERABLE UNIT

- TASK-8 SITE TOPOGRAPHIC MAP
 - TASK-8a PREPARATION
 - TASK-8b FIELD SURVEY
 - TASK-8c DATA REDUCTION ON CAD

- TASK-9 BIOTA SURVEY
 - TASK-9a SITE RECONNAISSANCE
 - TASK-9b BIOTA SAMPLING
 - TASK-9c LABORATORY AVAIL. & CHEMICAL ANALYSIS

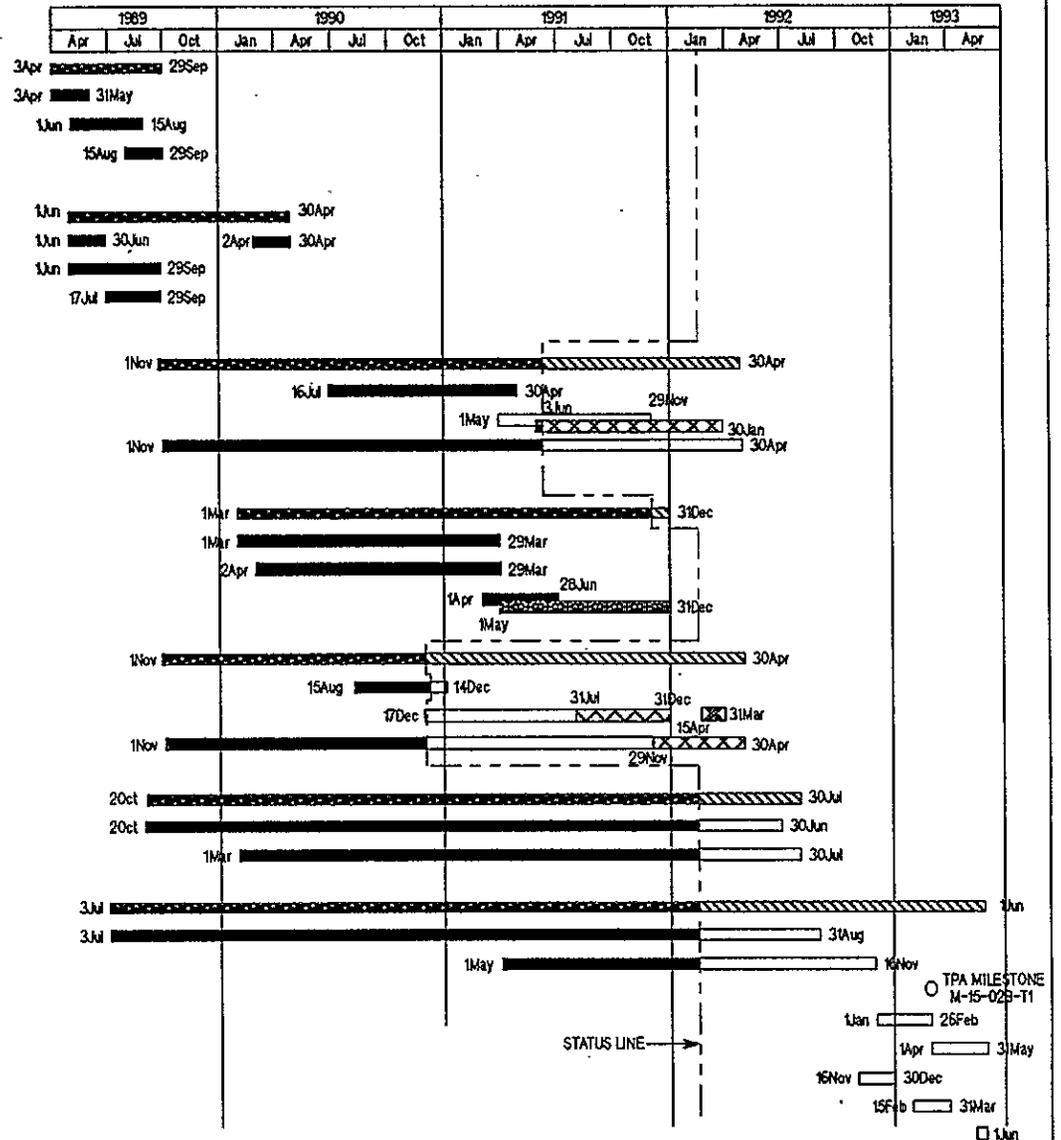
- TASK-10 COLUMN LEACH TEST
 - TASK-10a PREPARATION
 - TASK-10b TESTING PERIOD
 - TASK-10c LABORATORY AVAIL. & CHEMICAL ANALYSIS

- TASK-11 HYDRAULIC PUMP TESTS
 - TASK-11a PREPARATION
 - TASK-11b CONDUCT SLUG TEST
 - TASK-11c CONDUCT DRAWDOWN/RECOVERY TESTS

- TASK-12 SORPTION TEST
 - TASK-12a PREPARATION
 - TASK-12b TEST PERIOD
 - TASK-12c LABORATORY AVAIL. & CHEMICAL ANALYSIS

- TASK-13 BASELINE RISK ASSESSMENT
 - TASK-13a DATA COMPILATION
 - TASK-13b DATA ANALYSIS

- TASK-14 EVALUATION AND REPORT
 - TASK-14a EVALUATION AND REPORT
 - TASK-14b DRAFT REPORTS
 - TASK-14c FINAL REPORT & REVIEW
 - FINAL SECONDARY REPORT



LEGEND:	Project: PE13A	200BP13U	Date: 20 Jan 92 12:30
<ul style="list-style-type: none"> ORIGINAL SCHEDULE ACTIVITIES SUMMARY ACTIVITIES REVISED ACTIVITIES ACTUAL ACTIVITIES 	200-BP-1 REMEDIAL INVESTIGATION		
Page: 3 of 3	Drawn by: Steve J. Sakey	6-3092	

200-BP-1 Operable Unit Managers Meeting
February 26, 1992

Distribution:

Donna Lacombe, PRC
Ward Staubitz, USGS
Doug Fassett, SWEC (A4-35)
Linda Powers, WHC (B2-35)
Tom Wintczak, WHC (B2-15)
Mel Adams, WHC (H4-55)
Wayne Johnson, WHC (H4-55)
Rich Carlson, WHC (H4-55)
Brian Sprouse, WHC (H4-22)
Bill Price, WHC (S0-03)
Ralph O. Patt,
OR Water Resources Dept.
Doug Dunster, Golder Assoc.
Mike Thompson, DOE (A6-95)
Diane Clark, DOE (A5-55)
Mark Buckmaster, WHC (H4-55)
Don Praast, GAO (A1-80)

cc. ~~Ronald D. Izatt (A5-15)~~
~~Director, DOE-RL, ERD~~
Donald E. Gerton (A6-80)
Director, DOE-RL, WMD
Roger D. Freeberg (A6-95)
Chief, Rstr. Br., DOE-RL/ERD
~~Steven H. Wisness (A6-95)~~
~~Tri-Party Agreement Proj. Mgr~~
Richard D. Wojtasek (B2-15)
Prgm. Mgr. WHC
Mary Harmon, DOE-HQ (EM-442)

ADMINISTRATIVE RECORD: 200-BP-1; Care of Susan Wray, WHC (H4-22)

Please inform Suzanne Clarke (SWEC) of deletions or additions to the distribution list.

92125020021