



BECHTEL NATIONAL INC.

CLEAN II TRANSMITTAL/DELIVERABLE RECEIPT

Contract No. N-68711-92-D-4670

Document Control No.: CTO-0142/0171

File Code: 0208

TO: Contracting Officer
 Naval Facilities Engineering Command
 Southwest Division
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 Building 127, Room 112
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DATE: January 20, 1998

CTO #: 142

LOCATION: MCAS El Toro

FROM: *[Signature]*
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DESCRIPTION: Meeting Minutes, Site 24 Pilot Test Update - DTD January 7, 1998

TYPE: Contract Deliverable (Cost) CTO Deliverable (Technical) Other

VERSION: NA REVISION #: _____

ADMIN RECORD: Yes No Category Confidential
 (PM to Identify)

SCHEDULED DELIVERY DATE: 1/20/98 ACTUAL DELIVERY DATE: 1/20/98

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MEETING MINUTES

Meeting Subject: Site 24 Pilot Test Update		Meeting Date: January 7, 1998	
		Meeting Time: 10:00 AM	
		Meeting Place: Conference Call	
		Meeting Notes Prepared By: Patrick Brooks	
Attendees: (*Part Time)			
<u>Navy</u>		<u>Bechtel</u>	
Bernie Lindsey, RPM		Pat Brooks, CTOL	
		Tim Latas, Field Manager	
		Dante Tedaldi, PM	
		<u>Other</u>	
		Glenn Kistner, U.S. EPA	
		Tayseer Mahmoud, DTSC	
		John Broderick, RWQCB	
		Larry Vitale, RWQCB	
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Herb Levine, U.S. EPA			
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Pat Brooks reviewed the field work that had been accomplished since the last Site 24 Update meeting. The low-flow groundwater sampling was started at the EX5 well group using the sampling procedures agreed upon by the group. Results from the low-flow sampling are compared to sampling using standard purging and nearby HydroPunch data for TCE. The following data are available:

- For 24EX5, low-flow purging (550 µg/L) compared to 614 µg/L for standard purging and 494 µg/L for a nearby HydroPunch sample at 24HCPT95.
- For 24EX5OB1, low-flow purging (670 µg/L) compared to 510 µg/L for standard purging and 573 µg/L for a nearby HydroPunch sample at 24HCPT97.

Each well was purged at 100 milliliters per minute and drawdown was less than 0.1 feet. Turbidity at 24EX5 was below 5 NTUs but the turbidity for 24EX5OB1 and OB2 were above 5 NTUs but below 20 NTUs. John Broderick asked that this issue be put on the agenda for next week when Herb Levine will attend. The additional resources utilized to bring the purge water to below 5 NTUs may not be in the best interest of the project.

Pat informed the group that the Request for Proposal (RFP) to partially grout 24EX1 was being modified since none of the drilling contractors submitted a bid. The RFP will still adhere to California Well Standards for destroying a well, but the contract language will be changed.

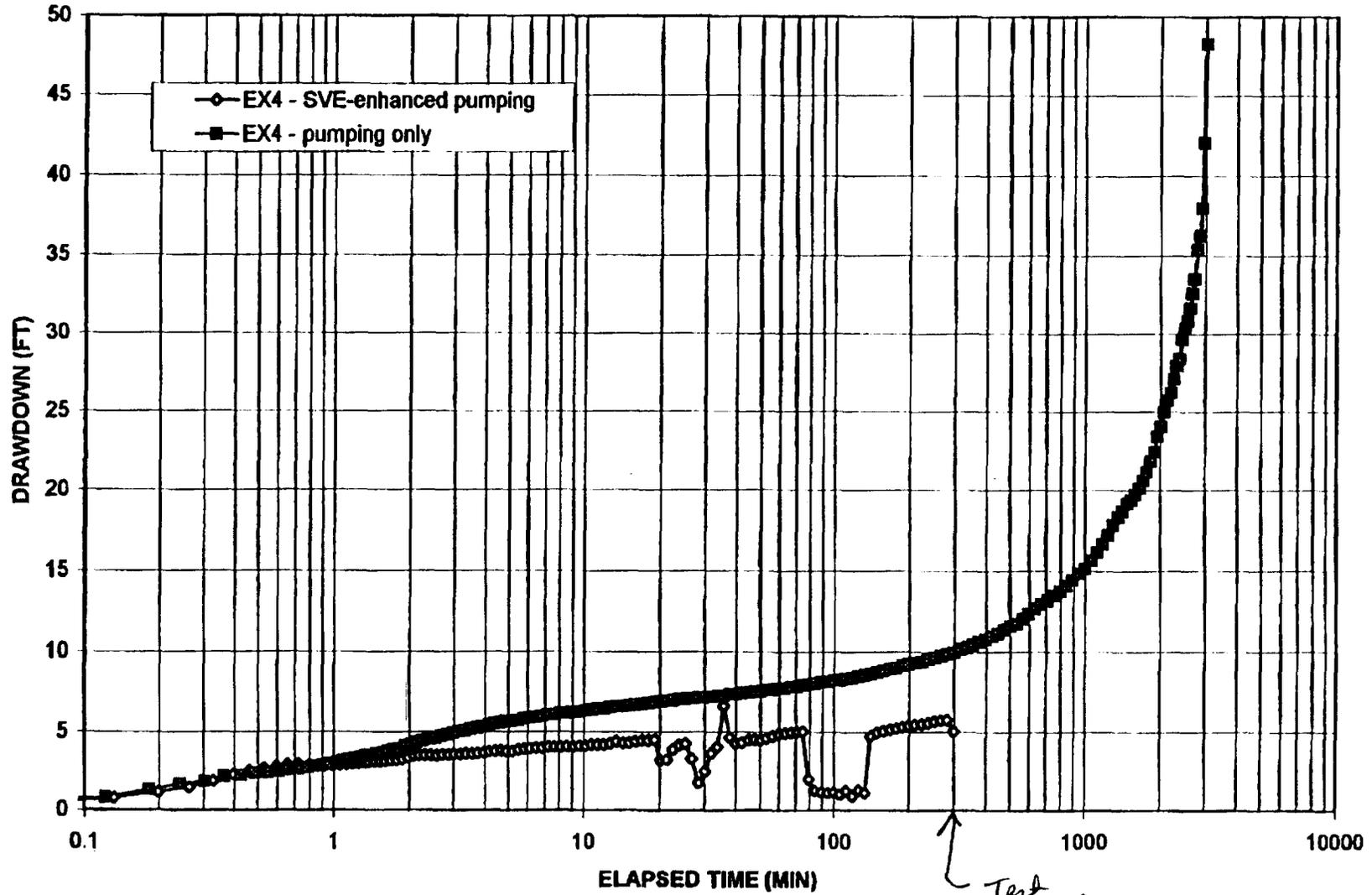
The vacuum-enhanced test at 24EX4 was interrupted twice during the week due to mechanical problems. Initial drawdown curves were provided with the agenda and are included in these minutes. While the drawdown is approximately one-half that of standard pumping, the curve only extends to 300 minutes. Discussion of the test results will be more meaningful after the well has been pumped for a longer duration.

MEETING MINUTES (continued)

The Plan of Action for Site 24 field work for the next two weeks included the following:

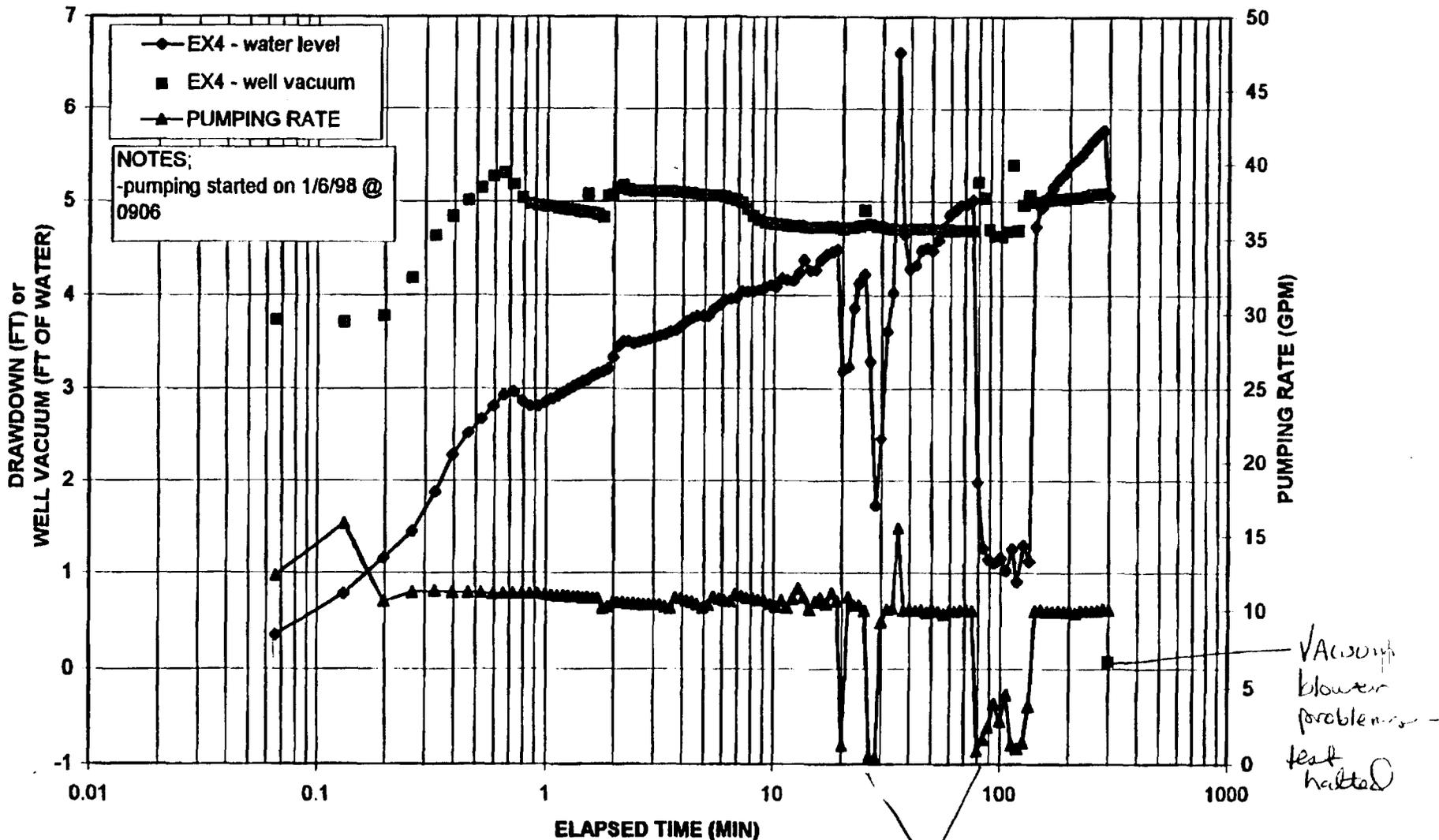
1. Continue vacuum-enhanced extraction test at well 24EX4.
2. Sample wells 24IN2OB2 and 24EX6OB3.
3. Present low-flow sampling data from 24EX5OB2 to BCT..
4. Prepare fore CPT/HydroPunch sampling at the leading edge of the TCE hot spot.
5. Prepare for step-drawdown and step-buildup tests at 24EX5 and 24IN2.

EX4 PUMPING DATA AT 10 GPM



Test halted due to vacuum blower motor problems.

EX4 SVE-ENHANCED CONSTANT-RATE AQUIFER TEST



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