



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT  
5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588 (510) 484-2600

**TELEFAX TRANSMITTAL**

DATE: 11 Apr 94

DELIVER TO: Eva Chu

NAME OF FIRM: Health

FAX PHONE #: 569-4757

FROM: Wynman Hong

NUMBER OF PAGES: 7  
(Including transmittal)

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REMARKS: transmitting drilling log & well construction  
diagram for well 25/1W 36Pg.

**CONFIDENTIAL**

STATE OF CALIFORNIA DWR  
WELL COMPLETION REPORT  
(WELL LOGS)

**REMOVED**



onsco  
environmental  
services, Inc.

PROJECT NAME: Shell Oil, Dublin  
7194 Amador Valley Bl.

PROJECT NUMBER: 1826 G

EXPLORATORY BORING LOG

page 1 of 3  
2S/1W 36P9  
BORING NO. MW-5  
DATE DRILLED: 7-19-88  
LOGGED BY: SC

DEPTH (ft.)	SAMPLE No	BLOWS/FOOT 140 ft./lbs.	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVA READING ppm
1				FILL: CLAYEY SAND, dark grayish brown (2.5Y 4/2), fine to coarse sand, 30% fine gravel, 20 to 30% clay, rare coarse gravel, dry		
2						
3						
4			CH	SILTY CLAY, black (10YR 2/1), trace fine to coarse sand, trace fine gravel, rare roots, high plasticity, faint product odor, stiff, damp		
5						
6	MW1 -1	13				14
7						
8						
9						
10					▽	
11	MW1 -2	6		-- as above, color to very dark gray (5Y 3/1) with minor black (2.5Y N2/0) mottling, trace fine to medium sand, 10% coarse sand to fine gravel, faint product odor, firm, wet		20
12						
13						
14						
15						
16	MW1 -3	8		SILTY CLAY, grayish brown (2.5Y 5/2), trace fine to coarse sand, few rootholes (wet), rare roots, low to moderate plasticity, firm, wet		2
17						
18			CL			
19						
20						
21	MW1 -3	12		-- as above, trace fine to coarse sand, few to common rootholes, stiff, wet, abundant water seen in broken sample, water measured at 15 feet prior to sampling		1.5

SUPERVISED AND APPROVED BY R.G./C.E.G.

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BORING NO. MW-5  
DATE DRILLED: 7-19-88

EXPLORATORY BORING LOG

LOGGED BY: SC

DEPTH (ft.)	SAMPLE No	BLOWS/FOOT 140 R/Lbs.	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OPA READING ppm
22			U			
23						
24						
25						
26	MW5 -5	33	CH	SILTY CLAY, olive gray (5Y 5/2), trace fine sand, trace black organic staining, moderate plasticity, 0 to 5% caliche, hard, moist		1
27						
28						
29						
30						
31	MW5 -6	24		- as above, color to dark gray (5Y 4/1), 10 to 15% fine sand, few rootholes (some stained with caliche), rare root fibers, very stiff, damp to moist		1
32			SP-SC	SAND, dark gray (5Y 4/1), predominantly fine to medium sand, 5 to 10% clay, rare root remains, rare rootholes (stained white), medium dense, moist to wet		
33						
34						
35						
36	MW5 -7	16	CH	SILTY CLAY, dark gray (5Y 4/1), trace fine sand, few rootholes (oxidized to reddish brown), very stiff, moist		0
37						
38						
39						
40						
41	MW5 -8	17		- as above, color to dark greenish gray (5GY 4/1), 10 to 15% clay, very highly plastic, stiff, moist		
42			CH	SANDY CLAY, dark gray (5Y 4/1), 35 to 40% fine sand, moderate to high plasticity, very stiff, very moist		0

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PROJECT NAME: Shell Oil, Dublin

7194 Amador Valley Road

PROJECT NUMBER: 1826 G

**EXPLORATORY BORING LOG**

page 3 of 3

BORING NO. MW-5

DATE DRILLED: 7-19-88

LOGGED BY: SC

DEPTH (ft.)	SAMPLE No	BLOWS/FOOT 140 ft./bls.	UNIFIED SOIL CLASSIFICATION	SOIL DESCRIPTION	WATER LEVEL	OVA READING ppm
43						
44						
45	MW5					0
46	- 9	32		-- as above, color to gray (5Y 5/1), sand slightly coarser, locally over 50% sand		
47				BOTTOM OF BOREHOLE = 46.5 FEET		
48						

SUPERVISED AND APPROVED BY R.G./C.E.G.

25/1W 36P9

# Monitoring Well Detail

PROJECT NUMBER 1826G Shell Oil  
 PROJECT NAME 7194 Amador Valley Bl.  
 COUNTY Alameda  
 WELL PERMIT NO. 88336

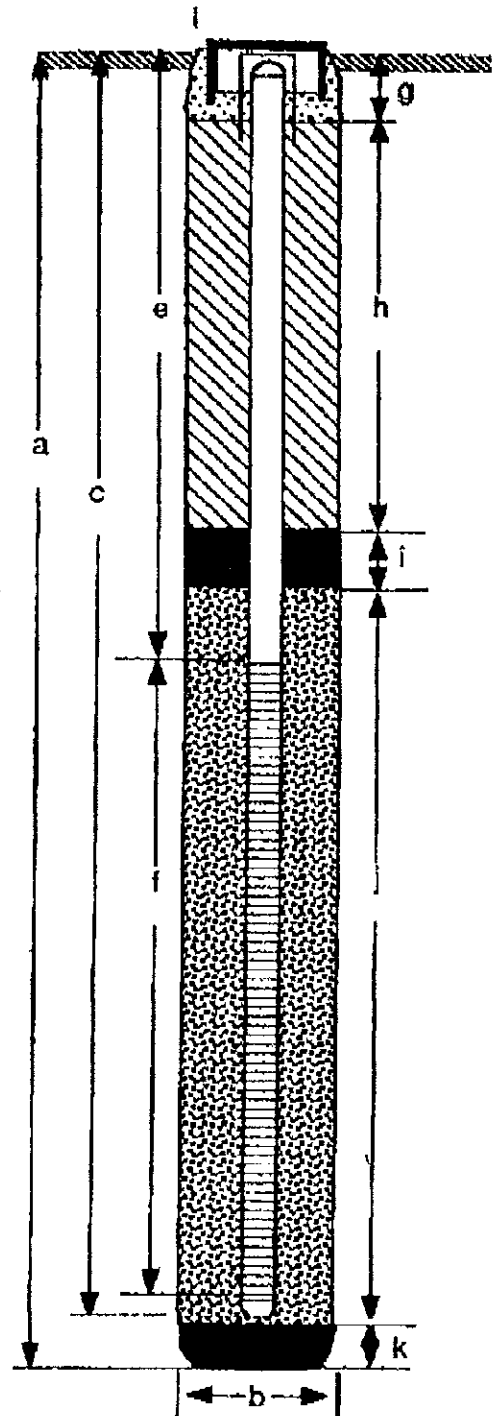
BORING / WELL NO. MW-5  
 TOP OF CASING ELEV. \_\_\_\_\_  
 GROUND SURFACE ELEV. \_\_\_\_\_  
 DATUM Mean Sea Level

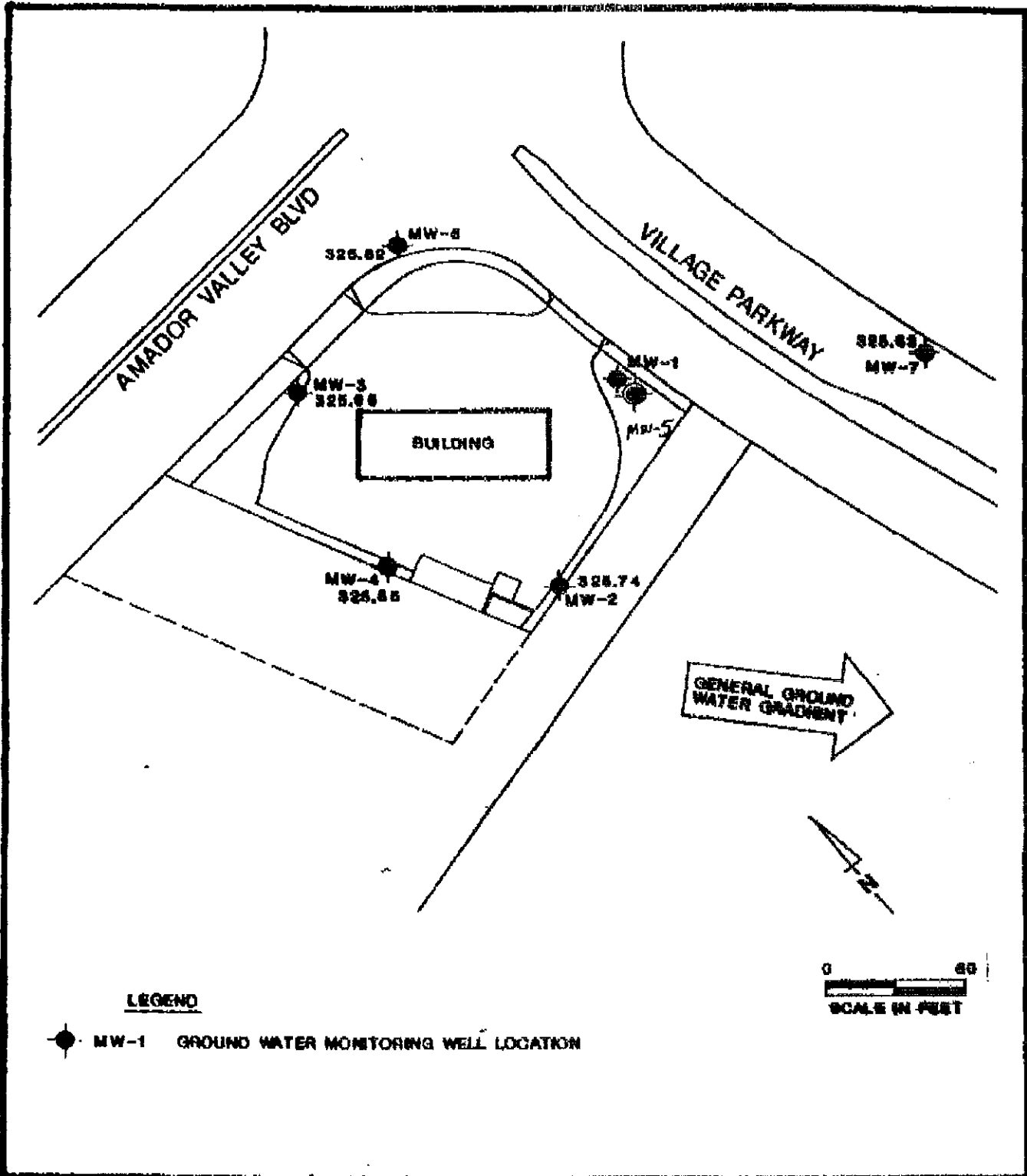
## EXPLORATORY BORING


a. Total Depth 48.5 ft.  
 b. Diameter 10 in.  
 Drilling method Hollow Stem Auger

## WELL CONSTRUCTION

c. Casing length 45 ft.  
 Material Schedule 40 PVC  
 d. Diameter 4 in.  
 e. Depth to top perforations 40 ft.  
 f. Perforated length 5 ft.  
 Perforated interval from 45 to 40 ft.  
 Perforation type machine slot  
 Perforation size 0.020 in.  
 g. Surface seal --- ft.  
 Seal Material n/a  
 h. Backfill 37 ft.  
 Backfill material Grout  
 i. Seal 2 ft.  
 Seal Material Bentonite  
 j. Gravel pack 6 ft.  
 Pack material 2/12 Monterey Type Sand  
 k. Bottom seal --- ft.  
 Seal material n/a  
 l. Steel Protective Casing With Locking Cover, padlock





 <p>onsco environmental services, Inc.</p>	<b>FIGURE 5 - GROUND WATER ELEVATION MAP</b>	
	FORMER SHELL STATION	
	7194 AMADOR VALLEY	
	DUBLIN, CALIFORNIA	
	REVIEWED BY:	APPROVED BY:
	JOB #: 1826G	DRAWN BY: J.C.
	DATE: 9-15-88	DRAWING #: FIG. 5