ExxonMobil Environmental Services Company
4096 Piedmont Avenue #194
Oakland, California 94611
510 547 8196 Telephone
510 547 8706 Facsimile

Jennifer C. Sedlachek
Project Manager

ExxonMobil

June 29, 2010

Mr. Jerry T. Wickham
Alameda County Health Care Services Agency
1311 Harbor Bay Parkway
Alameda, California 94502-6577

Subject: Well Destruction Report
Former Mobil Station 04H6J, 1024 Main Street, Pleasanton, California
ACHCSA File No. RO-2427

Dear Mr. Wickham:

Attached for your review and comment is a copy of the *Well Destruction Report* for the above-referenced site. The document, prepared by ETIC Engineering, Inc. of Pleasant Hill, California, is being submitted in response to a letter from the Alameda County Health Care Services Agency dated April 28, 2010.

Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached document is true and correct.

If you have any questions or comments, please contact me at 510.547.8196.

Sincerely,

Jennifer C. Sedlachek
Project Manager

Attachment: ETIC Well Destruction Report

c: w/ attachment:
Mr. Abbas Masjedi - Pleasanton Utility Planning
Mr. Matthew Katen - Alameda County Flood Control and Water Conservation District, Zone 7 Water Agency
Mr. Paul L. Hulme - Pleasanton on Main, LLC
Mount Diablo National Bank

c: w/o attachment:
Mr. Bryan Campbell - ETIC Engineering, Inc.

ETIC ENGINEERING

29 June 2010

Ms. Jennifer C. Sedlachek
ExxonMobil Environmental Services Company
4096 Piedmont Avenue, #194
Oakland, California 94611

Subject: Well Destruction
Former Mobil Station 04H6J
1024 Main Street, Pleasanton, California

Dear Ms. Sedlachek:

On behalf of ExxonMobil Environmental Services Company, ETIC Engineering Inc. (ETIC) observed the destruction of 25 existing wells at the above-referenced site. The wells were properly destroyed in response to a letter from the Alameda County Health Care Services Agency (ACHCSA) dated 28 April 2010 (attached).

Between 15 and 17 June 2010, a total of 25 existing wells (MW1 through MW8, MW10 through MW12, RW1 through RW4, VMW1 through VMW4, and V1 through V6) were destroyed by Cascade Drilling of Rancho Cordova, California (C-57 license #938110). All wells except for vapor wells V1 through V6 were destroyed by pressure grouting the well casings with neat cement grout. In accordance with the Zone 7 Groundwater Protection Ordinance, the well casings were then removed at 2 feet below grade. Vapor wells V1 through V6 were destroyed by drilling out the casings and all well materials to the total depths with a hand auger.

All boreholes were backfilled with neat cement grout to approximately 1 foot below grade, concrete was added to fill the void to the surface, and the surface was restored to match the surrounding surface conditions. Well destruction activities were observed by an inspector from Zone 7.

Waste (construction debris and water) generated during the well destruction activities was contained in 55-gallon drums and stored at the site. The waste was removed from the site on 25 June 2010 by Dillard Environmental Services and transported for disposal to Republic facility in Livermore, California, and to the InStrat, Inc. facility in Rio Vista, California.

The former locations of the wells are shown on the attached site map (Figure 1). Well construction details for the destroyed wells are summarized in the attached well completion

reports. Department of Water Resources Forms 188 are completed and attached to this letter. In addition to the Forms 188, a copy of the Zone 7 well destruction permit is attached.

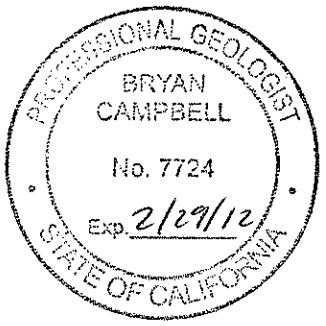
This concludes the work to be conducted on this project. Per your correspondence dated 28 April 2010, please issue a final closure letter at your earliest convenience. Thank you for your cooperation on this project.

If you have any questions or comments, please contact Hamidou Barry at (925) 602-4710 ext. 34 or Bryan Campbell at ext. 24.

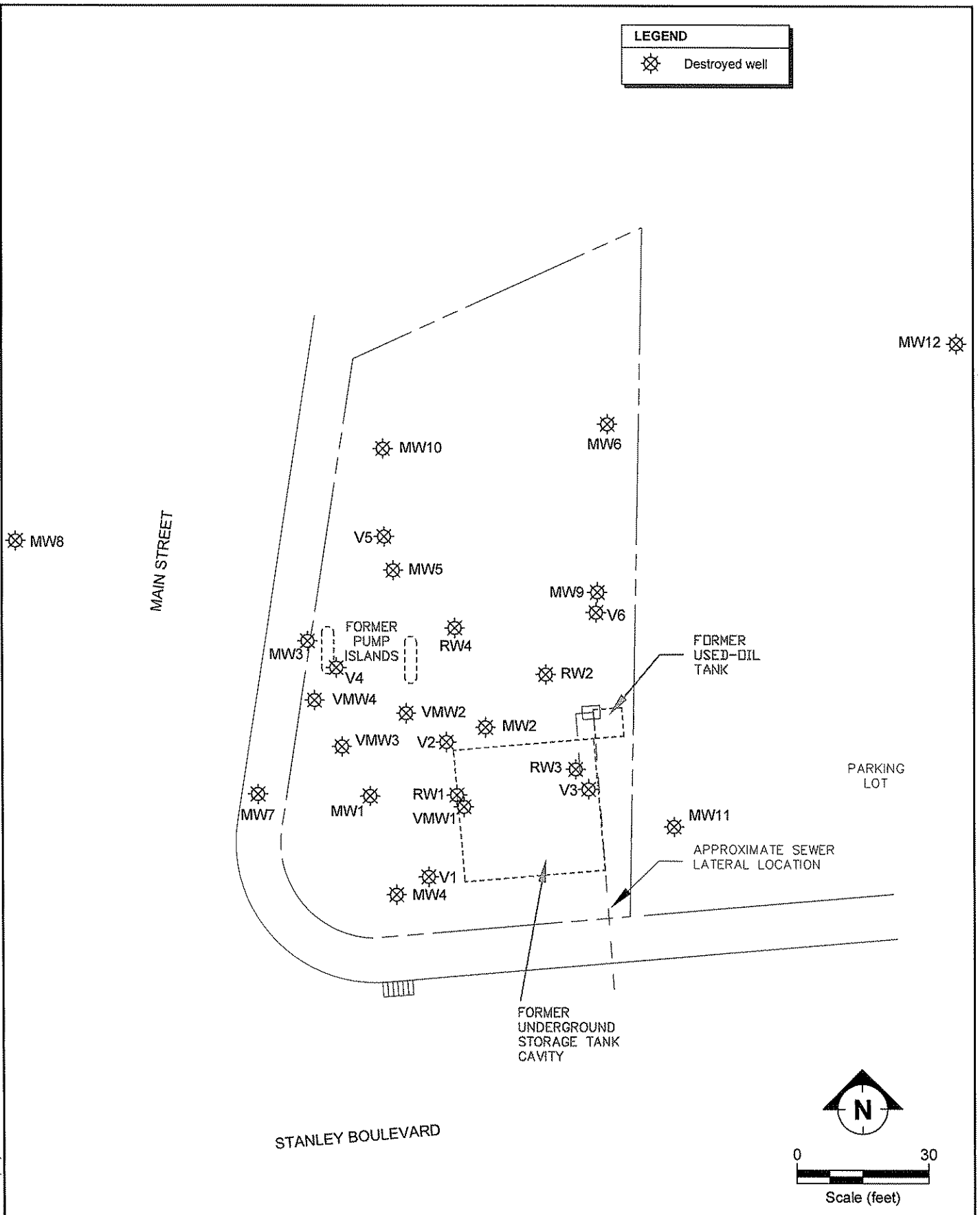
Sincerely,

Hamidou Barry
Project Manager

Bryan Campbell, P.G. #7724
Senior Geologist



Figures



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

Regulatory Correspondence

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
ALEX BRISCOE, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

April 28, 2010

Ms. Jennifer Sedlachek (*Sent via E-mail to: jennifer.c.sedlachek@exxonmobil.com*)
Exxon Mobil
4096 Piedmont, #194
Oakland, CA 94611

Barton and Bonnie Yates
Route 4, Box 320
Bonne Terre, MO 63628

Mr. Jack Hounslow
Mount Diablo National Bank
156 Diablo Road
Danville, CA 94526

Mr. Paul L. Hulme
Pleasanton on Main, LLC
c/o Alain Pinel
12772 Saratoga Sunnyvale Road, Suite 1000
Saratoga, CA 95070

Subject: Request for Well Decommissioning, Fuel Leak Case No. RO0002427 and Geotracker Global ID T0600100909, Mobil #4H6J, 1024 Main Street, Pleasanton, CA 94566

Dear Ms. Sedlachek:

Alameda County Environmental Health (ACEH) staff have reviewed the fuel leak case file and case closure summary for the above-referenced site and concur that no further action related to the underground storage tank fuel release is required at this time. Prior to issuance of a remedial action completion certificate and case closure, we request that the monitoring wells at the site be properly decommissioned, should the monitoring wells have no further use at the site. Please decommission the monitoring wells and provide documentation of the well decommissioning to this office no later than June 29, 2010. A remedial action completion certificate will be issued following receipt of the documentation.

The case will be closed with the following site management requirements:

"Case closure for the fuel leak site is granted for the current commercial land use only. If a change in land use to any residential or other conservative land use scenario occurs at this site, Alameda County Environmental Health (ACEH) must be notified as required by Government Code Section 65850.2.2. ACEH will re-evaluate the case upon receipt of approved development/construction plans. Excavation or construction activities in the areas of residual contamination require planning and implementation of appropriate health and safety procedures by the responsible party prior to and during excavation and construction activities."

Well destruction permits may be obtained from the Zone 7 Water Agency (http://www.zone7water.com). If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,

Digitally signed by Jerry Wickham
DN: cn=Jerry Wickham, o, ou, email=jerry.wickham@acgov.org, c=US
Date: 2010.04.28 15:38:46 -07'00'

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297
Senior Hazardous Materials Specialist

Attachments: Responsible Party(ies) Legal Requirements/Obligations

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Danielle Stefani, Livermore Pleasanton Fire Department, 3560 Nevada St, Pleasanton, CA 94566 (*Sent via E-mail to: dstefani@lpfire.org*)

Cheryl Dizon (QIC 8021), Zone 7 Water Agency, 100 North Canyons Pkwy, Livermore, CA 94551 (*Sent via E-mail to: cdizon@zone7water.com*)

Bryan Campbell, ETIC Engineering, Inc., 2285 Morello Avenue, Pleasant Hill, CA 94523 (*Sent via E-mail to: bcampbell@eticeng.com*)

Donna Drogos, ACEH (*Sent via E-mail to: donna.drogos@acgov.org*)
Jerry Wickham, ACEH

Geotracker, File

Attachment 1
Responsible Party(ies) Legal Requirements/Obligations

REPORT REQUESTS

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	**ISSUE DATE:** July 5, 2005
	REVISION DATE: March 27, 2009
	PREVIOUS REVISIONS: December 16, 2005, October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	**SUBJECT:** Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as **a single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted**.
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
  RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

Submission Instructions

1) Obtain User Name and Password:
   a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
      i) Send an e-mail to dehloptoxic@acgov.org
         Or
      ii) Send a fax on company letterhead to (510) 337-9335, to the attention of My Le Huynh.
   b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for**.

2) Upload Files to the ftp Site
   a) Using Internet Explorer (IE4+), go to ftp://alcoftp1.acgov.org
      (i) Note: Netscape and Firefox browsers will not open the FTP site.
   b) Click on File, then on Login As.
   c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
   d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
   e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.

3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
   a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
   b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
   c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO# use the street address instead.
   d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

Well Completion Reports
(DWR 188 Forms)

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

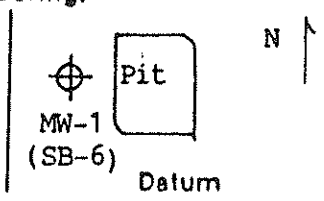
ALTON GEOSCIENCE

LOG OF EXPLORATORY BORING

PROJECT NO 30-065 DATE 3/21/90
CLIENT Mobil Oil Corporation
LOCATION 1024 Main Street, Pleasanton
LOGGED BY CD'A/AW DRILLER Kvilhaug

BORING NO SB-6 (MW-1)
Sheet 1 of 2

Field location of boring:



Ground Elev. Datum

Drilling method Hollow Stem Auger
Hole Dia. 9"
Casing Installation Data 0-35' blank 4", PVC casing
35-55' slotted (.020") PVC casing

Water Level	44'											
Time	3:15											
Date	3/21/90											

Blow Counts	CGI	Depth	Sample	Soil Group Symbol (USCS)	Lithographic Symbol	DESCRIPTION
						Asphalt Pavement 0-3"
		2				
		4				
3,3,5	75	6		ML		SILT: dark grey, humid, loose
		8				
		10				
5,10,12	50					SANDY SILT: medium brown, moist, loose to medium.
		12		SM		
		14				
8,10,12	75	16				SANDY SILT: medium yellow brown, moist, loose
		18		SM		
		20				CLAYEY SILT: Medium brown, moist, loose, slightly spongy.
5,7,10	60					
		22				
		24		ML		
6,6,10	200	26				CLAYEY SILT: yellow-brown, moist, loose, (no odor)
		28		ML		
		30				
8,10,15	>500					SILTY SAND: medium brown, wet loose, strong odor.
		32		SM		
		34				
10,13,15	>500	36		GP		GRAVELY SAND: approx. 30% angular gravel, wet, well graded

ALTON GEOSCIENCE

LOG OF EXPLORATORY BORING

PROJECT NO. 30-065 DATE 3/21/90
CLIENT Mobil Oil Corporation
LOCATION 1024 Main Street, Pleasanton
LOGGED BY CD'A/AW DRILLER Kvilhaug

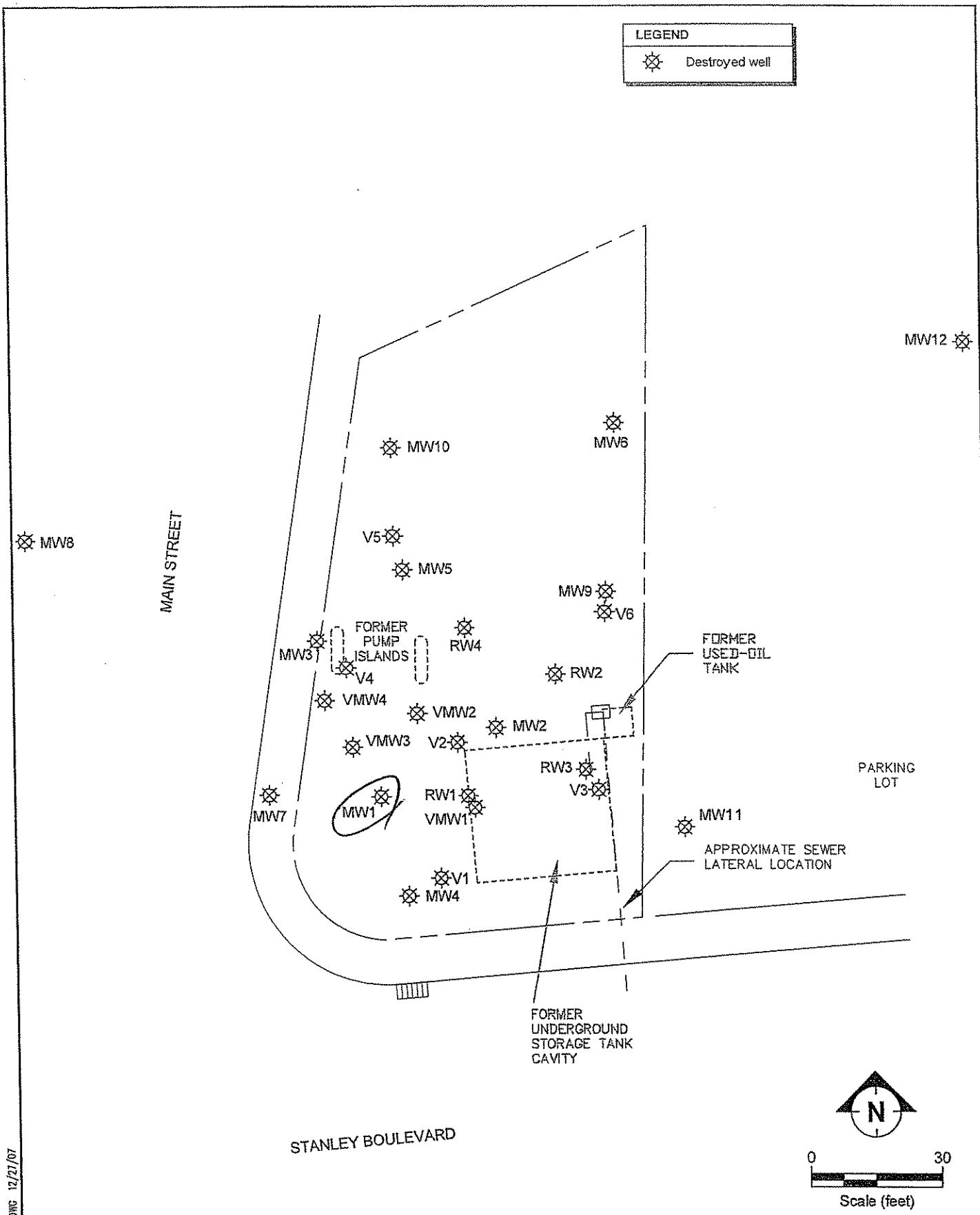
BORING NO. SB-6 (MW-1)
Sheet 2 of 2

Field location of boring:

Drilling method
Hole Dia.
Casing Installation Data

Ground Elev. Datum

Blow Counts	CGI	Depth	Sample	Soil Group Symbol (uscs)	Litho-graphic Symbol	Water Level / Time / Date	DESCRIPTION
		38		GP			
50/6"	>500	40		GP			SANDY GRAVEL: dark grey, well sorted, moist, loose
		42					
		44		▽			
		46					
	40			GP			SANDY GRAVEL: medium brown, well sorted, 50% granular gravel, subrounded, 50% fine to coarse sands, saturated, loose, (odors).
		48					
		50		ML			CLAYEY SILT: yellow-brown, moist, compact (slight odor).
	25						SILTY CLAY: mottled light brown and orange brown, stiff, damp, free of gravels, sand.
		52		ML/CL			
		54		ML/CL			SILTY CLAY: dark brown and dark grey, humid, stiff, (no odors)
		56					
							Bottom of hole @ 55 feet.



FILENAME: BASEMAP0507.DWG 12/21/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

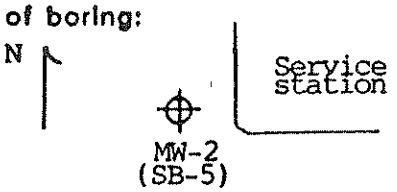
ALTON GEOSCIENCE

LOG OF EXPLORATORY BORING

PROJECT NO. 30-065 DATE 3/22/90
CLIENT Mobil Oil Corporation
LOCATION 1024 Main Street, Pleasanton
LOGGED BY CD'A DRILLER Kvilhaug

BORING NO. SB-5 (MW-2) Sheet 1 of 2

Field location of boring:



Ground Elev. Datum

Drilling method Hollow Stem Auger
Hole Dia. 8"
Casing Installation Data 0-30' Blank 2" PVC Casing
30-55' Slotted (.020") PVC Casing

Water Level	44'							
Time	4:30							
Date	3/22/90							

Blow Counts	PID / OVA	Depth	Sample	Soil Group Symbol (USCS)	Lithographic Symbol	DESCRIPTION
						5" Concrete Core, 2" Asphalt
		2				
		4				
4,4,6	25					
		6		ML		SILT: dark medium brown, very soft, 1% fine grass parts, humid.
		8				
8,10,14	70					
		10				CLAYEY SILT: dark olive brown, compact, damp
		12		ML		
		14				SILT: medium brown, loose, damp
6,8,10	75	16				
		18		ML		
		20				
6,8,10	125					CLAYEY SILT: medium brown, loose-compact, damp
		22		ML		
		24				
6,10,12	200	26				CLAYEY SILT: medium brown, 40% clay, 60% silt, compact, damp
		28		ML		
10,18,18		30				SILTY CLAY: medium brown, very stiff, humid
	50 / >500			SP		SAND LENS: medium brown, sands are very fine to fine grained (approximately 5% silt)
		32				SILTY CLAY: medium brown
				ML/CL		
		34				
5,10,12	500	36		ML		CLAYEY SILT: medium brown, loose, moist

ALTON GEOSCIENCE

LOG OF EXPLORATORY BORING

PROJECT NO. 30-065 DATE 3/22/90
CLIENT Mobil Oil Corporation
LOCATION 1024 Main Steet, Pleasanton
LOGGED BY CD'A DRILLER Kvilhaug

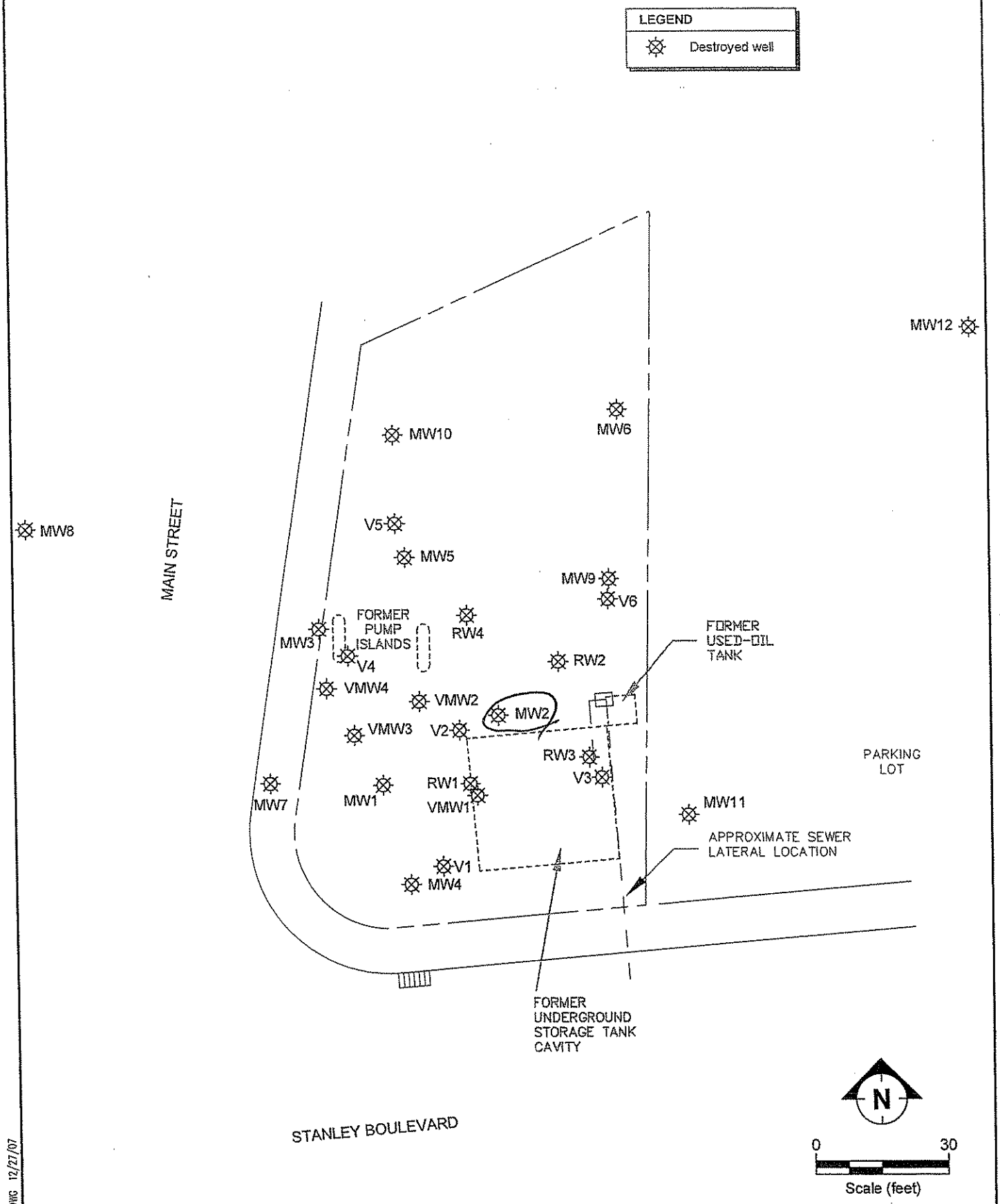
BORING NO. SB-5 (MW-2)
Sheet 2 of 2

Field location of boring:

Drilling method
Hole Dia.
Casing Installation Data

Ground Elev. Datum

Blow Counts	PID / OVA	Depth	Sample	Soil Group Symbol (uscs)	Litho-graphic Symbol	Water Level / Time / Date	DESCRIPTION
		38		ML			
10,20,20	450	40					SILTY SAND: medium brown, loose, sands are very fine to fine grained, moist
		42		SM			color change, medium brown to olive blue brown
		44				▽	GRAVELLY SAND: dark grey, loose 20% well sorted, sub-
8,14,14	>500	46		SP			rounded gravel, wet
		48		ML/CL			SILTY CLAY: medium brown, mottled grey, firm, moist
12,15,15	>500	50					CLAYEY SILT: medium brown, compact, wet
		52		ML			
		54					
10,18,24		56		ML/CL			SILTY CLAY: dark red brown, mottled dark grey, 5% gravel
	0						1 mm - 1 cm, predominately cherts and quartz, subangular - subrounded, stiff, damp.
		58					
		60					Bottom of Hole @ 56.5 feet



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

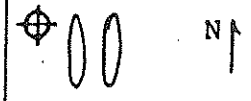
ALTON GEOSCIENCE

LOG OF EXPLORATORY BORING

PROJECT NO. 30-065 DATE 3-23-90
CLIENT Mobil Oil Corporation
LOCATION 1024 Main St., Pleasanton
LOGGED BY CD A DRILLER

BORING NO. SB-8 (MW-3)
Sheet 1 of 1

Field location of boring: MW-3 (SB-8)

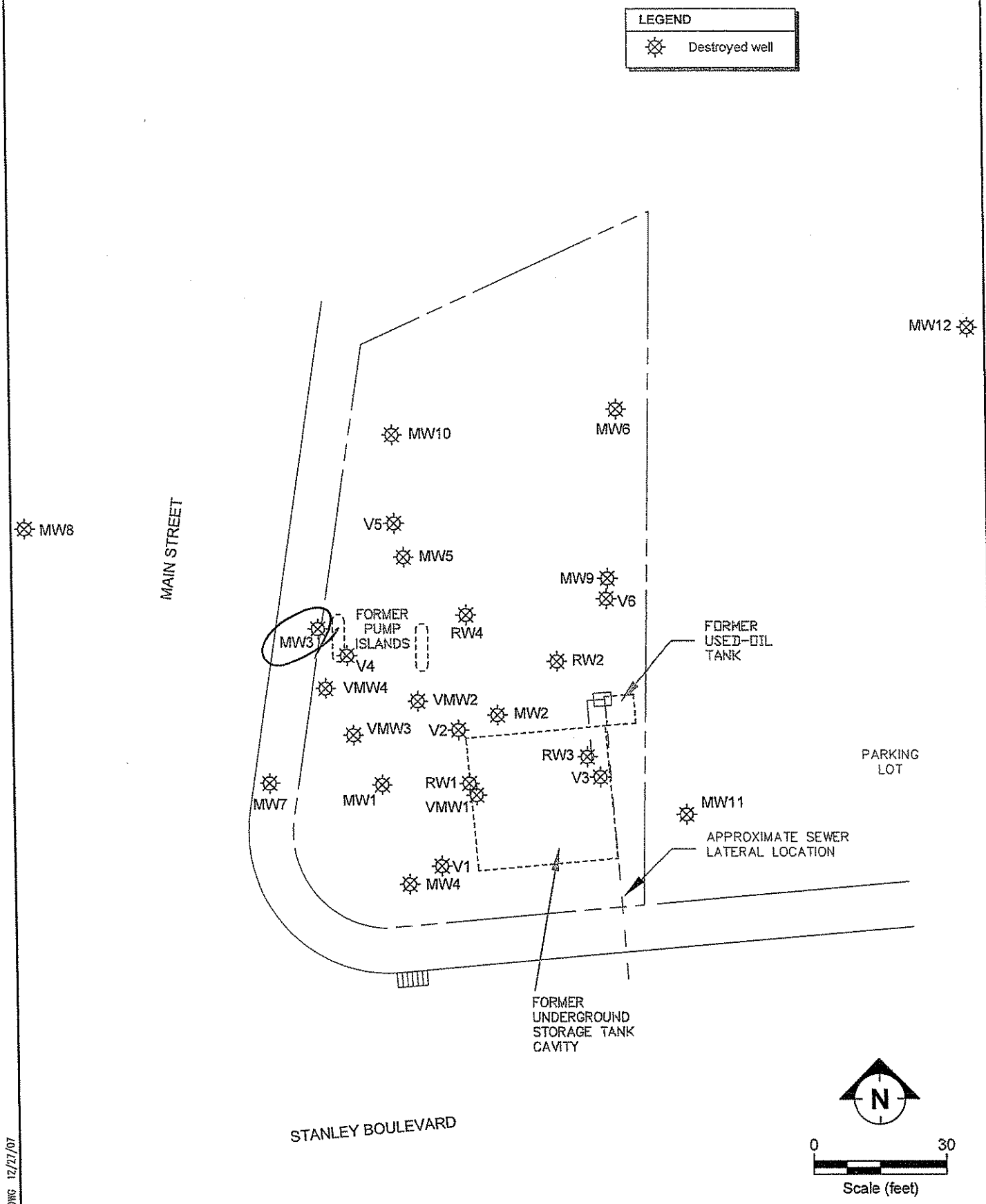


Ground Elev. Datum

Drilling method Hollow Stem Auger
Hole Dia. 8"
Casing Installation Data 0-12' Blank 2" PVC casing, 12-35' slotted (0.20") PVC casing.

Water Level	22'	21.5'					
Time	2:22	2:23					
Date	3-23-90						

Blow Counts	PID / OVA	Depth	Sample	Soil Group Symbol (USCS)	Litho-graphic Symbol	DESCRIPTION
						5" Concrete Core, 2" Asphalt
		2				
		4		ML		CLAYEY SILT: Medium brown with 25% pebbles sub-rounded,
2,4,4	75	6				loose, damp
		8				
		10				
5,6,7	75					CLAYEY SILT: Dark olive brown, stiff (compact), humid
		12		ML		
		14				
4,4,4	75	16				CLAYEY SILT: Medium brown, 40% clay, very loose, damp
		18		ML		
		20				CLAYEY SILT: Medium brown, 40% clay, very loose, damp
5,5,7	75					
		22		▽		
		24		ML		
						CLAYEY SILT: Red brown with medium brown mottles, 45% clay,
4,6,8	50	26				~~medium compact~~ / ~~loose~~
		28		ML		
		30				
10,17,17	50					CLAYEY SILT: Dark olive brown, loose, moist
		32		ML		
						CLAYEY SILT: Dark olive brown, very loose, 30% clay, wet
		34				SILTY SANDS: Dark gray, coarse angular sands with 3%
				ML		gravel, very loose, damp
	50	36		SM		
						Bottom of Hole 36½'



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

ALTON GEOSCIENCE, Inc.
LOG OF EXPLORATORY BORING

PROJECT NO. 30-065 DATE DRILLED 10-8-90
CLIENT Mobil Oil Corporation
LOCATION 1024 Main St., Pleasanton, Ca.
LOGGED BY M.A. APPROVED BY

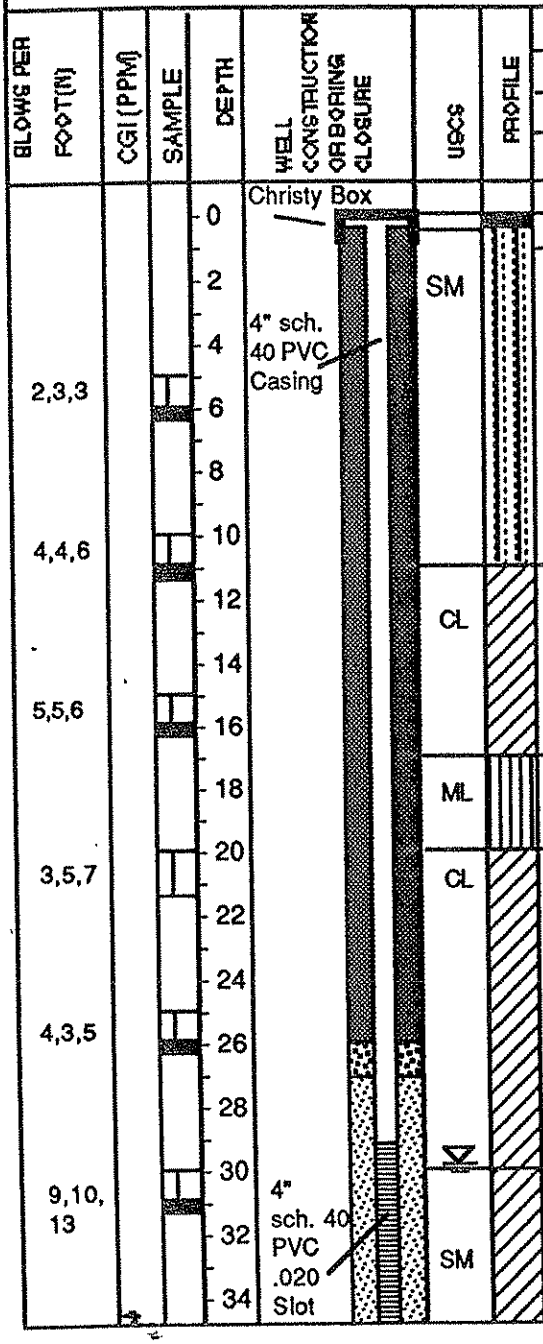
BORING NO. SB-9
WELL NO. MW-4

FIELD SKETCH OF BORING LOCATION

TOP OF CASING ELEVATION 348.07'

DRILLING METHOD Hollow stem auger HOLE DIAM. 10"
SAMPLER TYPE Modified split spoon
CASING DATA 4" Sch. 40 PVC with 0.020" slots
DRILLER Aqua Science Engineering, Inc.

WATER LEVEL	-30'		
DATE	10-8-90		
TIME	10:05		



DESCRIPTION
4" Asphalt and Basecourse
SILTY SAND; dark brown, loose, dry, low plasticity, with 5% gravels approx. 1/4" diameter.
No recovery
SILTY CLAY; light brown, stiff, moist, low plasticity.
SANDY SILT; light brown, stiff, moist, low plasticity.
SILTY CLAY; light brown, stiff, moist, low plasticity.
SILTY SAND, light brown, medium dense, wet, no plasticity.

ALTON GEOSCIENCE, Inc.
LOG OF EXPLORATORY BORING

PROJECT NO. 30-065 DATE DRILLED 10/8/90
CLIENT MOBIL OIL CORPORATION.
LOCATION 1024 Main St., Pleasanton, Ca.
LOGGED BY M. A. APPROVED BY

BORING NO. SB-9
WELL NO. MW-4

FIELD SKETCH OF BORING LOCATION

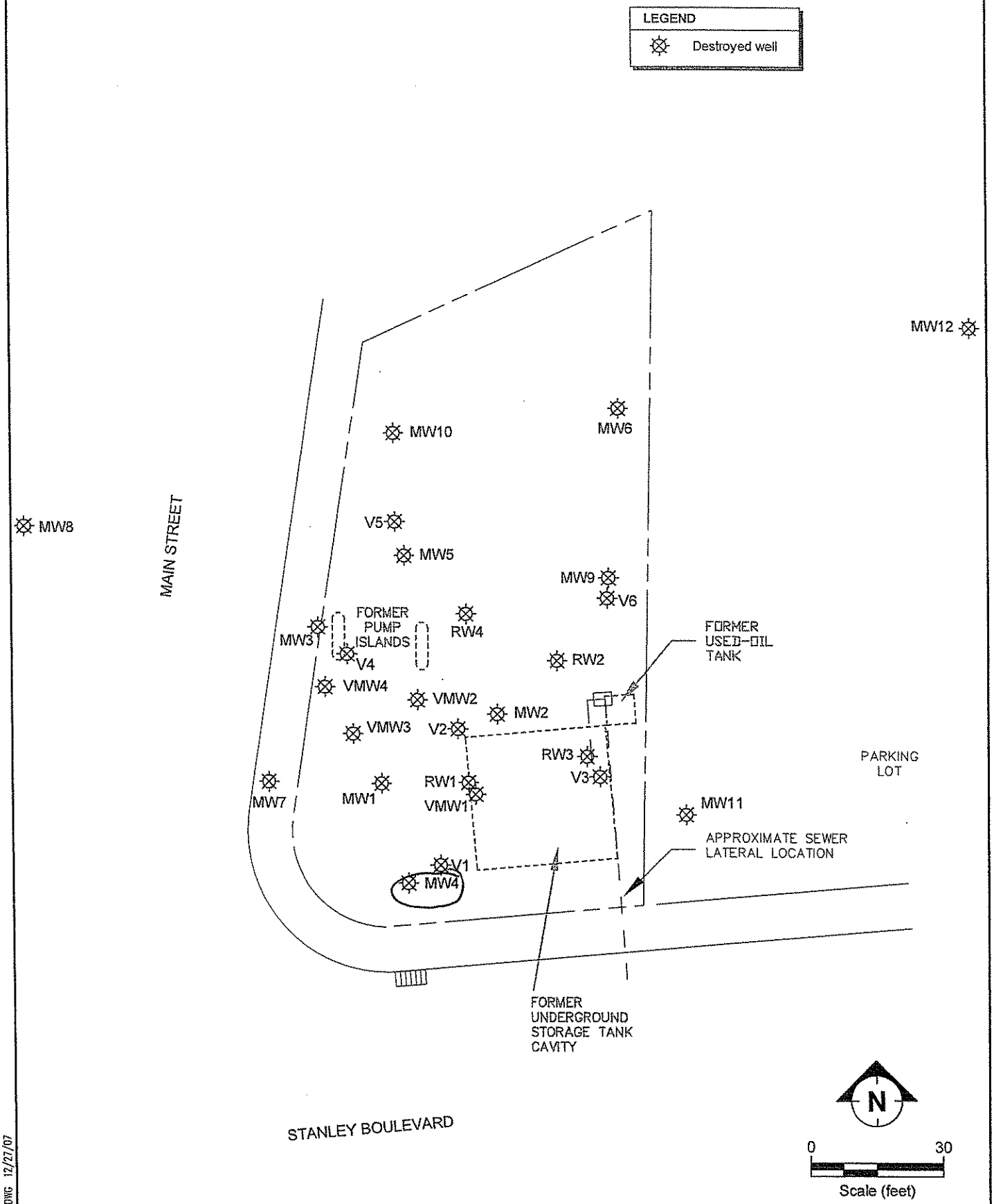
TOP OF CASING ELEVATION 348.07'

DRILLING METHOD Hollow stem auger HOLE DIAM. 10"
SAMPLER TYPE Modified split spoon
CASING DATA 4" Sch. 40 PVC with 0.020" slots
DRILLER Aqua Science Engineers, Inc.

WATER LEVEL	-30'		
DATE	10-8-90		
TIME	10:05		

BLOWS PER FOOT(ft)	OVA (PPM)	SAMPLE	DEPTH	WELL CONSTRUCTION OR BORING CLOSURE	USCS	PROFILE	DESCRIPTION
8,7,16			36				SILTY SAND; light brown, medium dense, wet, no plasticity.
			38				
8,15,13			40		SM		SILTY SAND; light brown, medium dense, wet, no plasticity.
			42				
			44				
3,25, 27			46	End Cap	SP		GRAVELLY SAND; light brown, very dense, wet.
			48	Wooden plug			
			50				BORING TERMINATED AT 50 FEET BELOW GRADE
			52				
			54				
			56				
			58				
			60				

Bentonite Pellets
Portland Cement
Sand #3 Lonestar
Driven interval
Sample
Water level encountered during drilling



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

ALTON GEOSCIENCE, Inc.
LOG OF EXPLORATORY BORING

PROJECT NO. 30-065 DATE DRILLED 10-8-90
CLIENT Mobil Oil Corporation
LOCATION 1024 Main St., Pleasanton, Ca.
LOGGED BY M.A. APPROVED BY

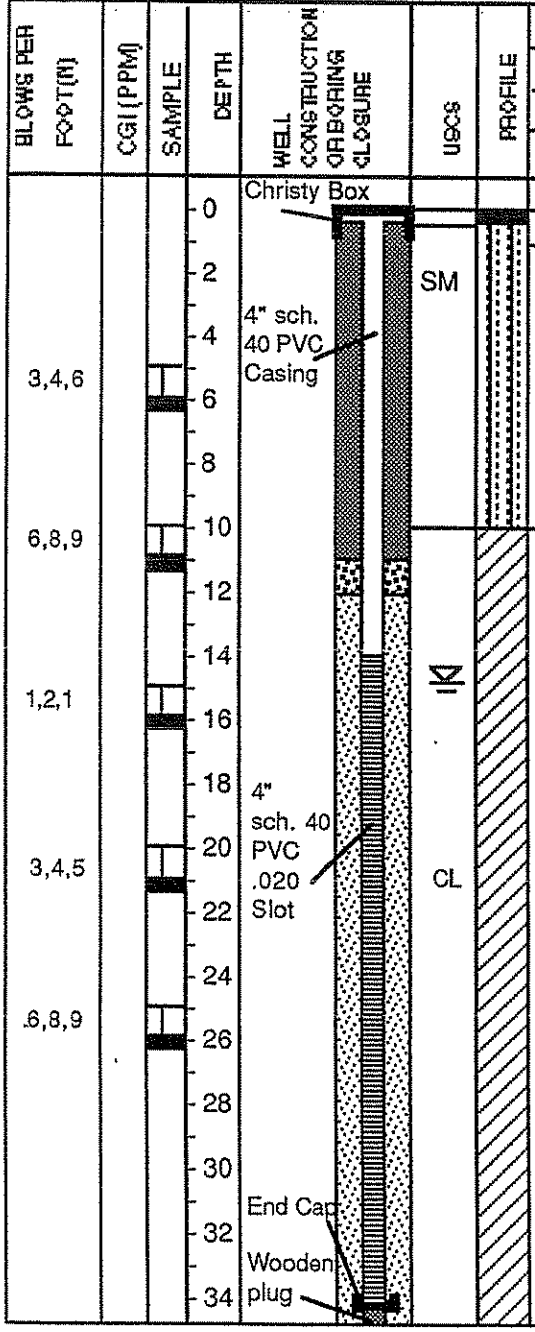
BORING NO. SB-10
WELL NO. MW-5

FIELD SKETCH OF BORING LOCATION

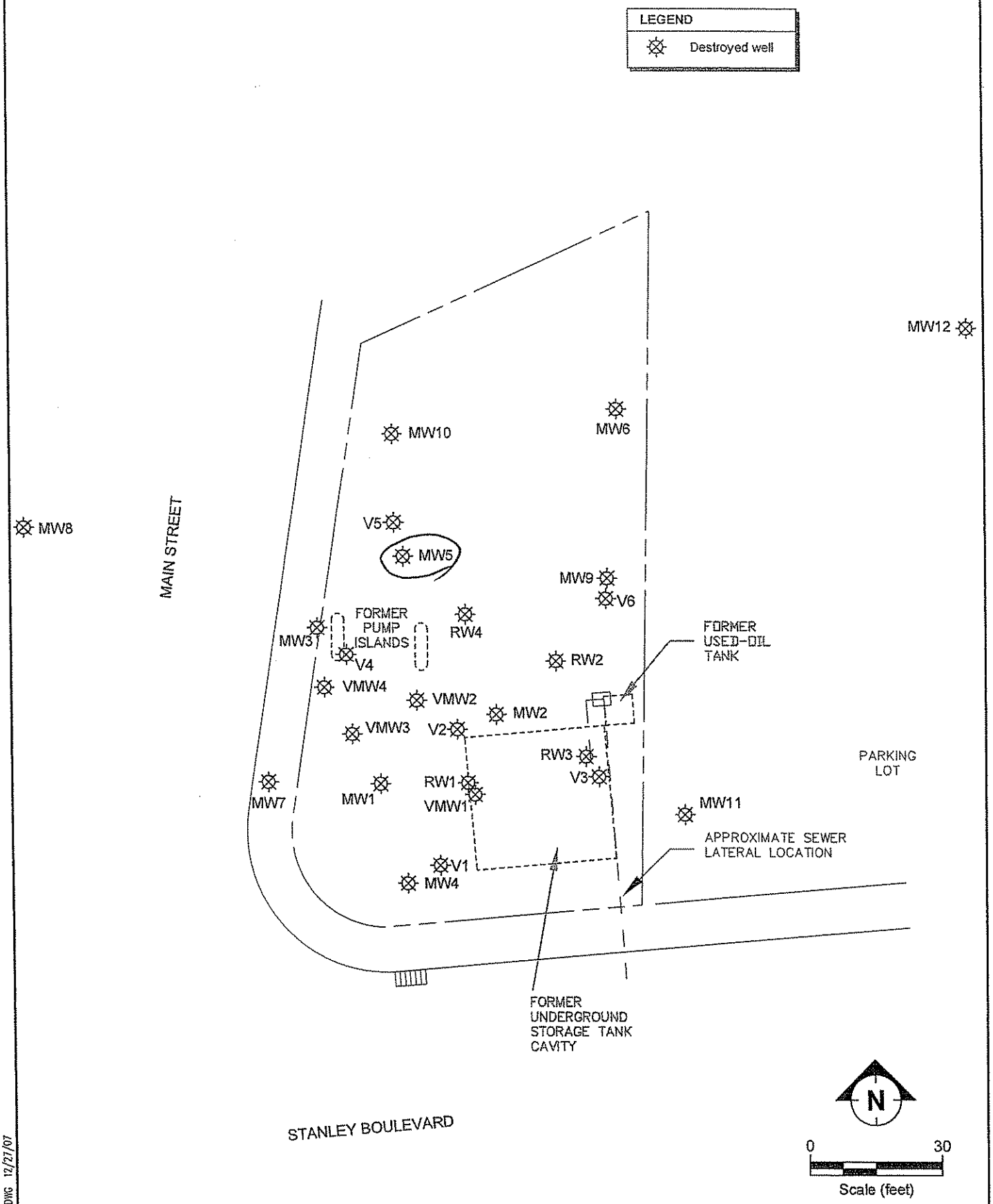
TOP OF CASING ELEVATION 347.97'

DRILLING METHOD Hollow stem auger HOLE DIAM. 10"
SAMPLER TYPE Modified split spoon
CASING DATA 4" Sch. 40 PVC with 0.020" slots
DRILLER Aqua Science Engineering, Inc.

WATER LEVEL	-15'		
DATE	10-8-90		
TIME	4:05		



DESCRIPTION
4" Asphalt and Basecourse
SILTY SAND; dark brown, loose, dry, low plasticity.
SILTY CLAY; light brown, very stiff, moist, low plasticity.
SILTY CLAY; light brown, soft, wet, low plasticity.
SILTY CLAY; light brown, stiff, wet, low plasticity.
SILTY CLAY; light brown, very stiff, wet, low plasticity.
BORING TERMINATED AT 35 FEET BELOW GRADE



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

ALTON GEOSCIENCE, Inc.
LOG OF EXPLORATORY BORING

PROJECT NO. 30-065 DATE DRILLED 10-9-90
CLIENT Mobil Oil Corporation
LOCATION 1024 Main St., Pleasanton, Ca.
LOGGED BY M.A. APPROVED BY

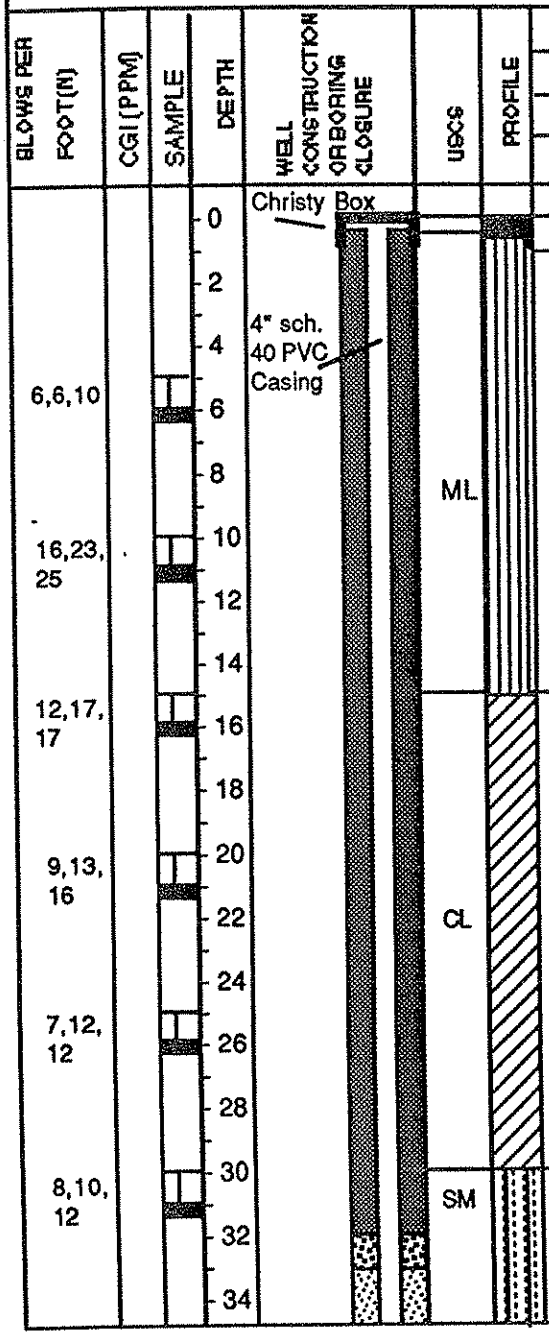
BORING NO. SB-11
WELL NO. MW-6

FIELD SKETCH OF BORING LOCATION

TOP OF CASING ELEVATION 348.23'

DRILLING METHOD Hollow stem auger HOLE DIAM. 10"
SAMPLER TYPE Modified split spoon
CASING DATA 4" Sch. 40 PVC with 0.020" slots
DRILLER Aqua Science Engineering, Inc.

WATER LEVEL	-42'		
DATE	10-9-90		
TIME	9:50		



DESCRIPTION
4" Asphalt and Basecourse
CLAYEY SILT; some gravel, light brown, stiff, dry, low plasticity.
CLAYEY SILT; light brown, hard, dry, low plasticity.
SILTY CLAY; light brown, hard, dry, low plasticity.
SILTY CLAY; light brown, very stiff, dry, low plasticity.
SILTY SAND; fine grained, tan, medium dense, moist.

ALTON GEOSCIENCE, Inc.
LOG OF EXPLORATORY BORING

PROJECT NO. 30-065 DATE DRILLED 10/9/90
CLIENT MOBIL OIL CORPORATION.
LOCATION 1024 Main St., Pleasanton, Ca.
LOGGED BY M. A. APPROVED BY

BORING NO. SB-11
WELL NO. MW-6

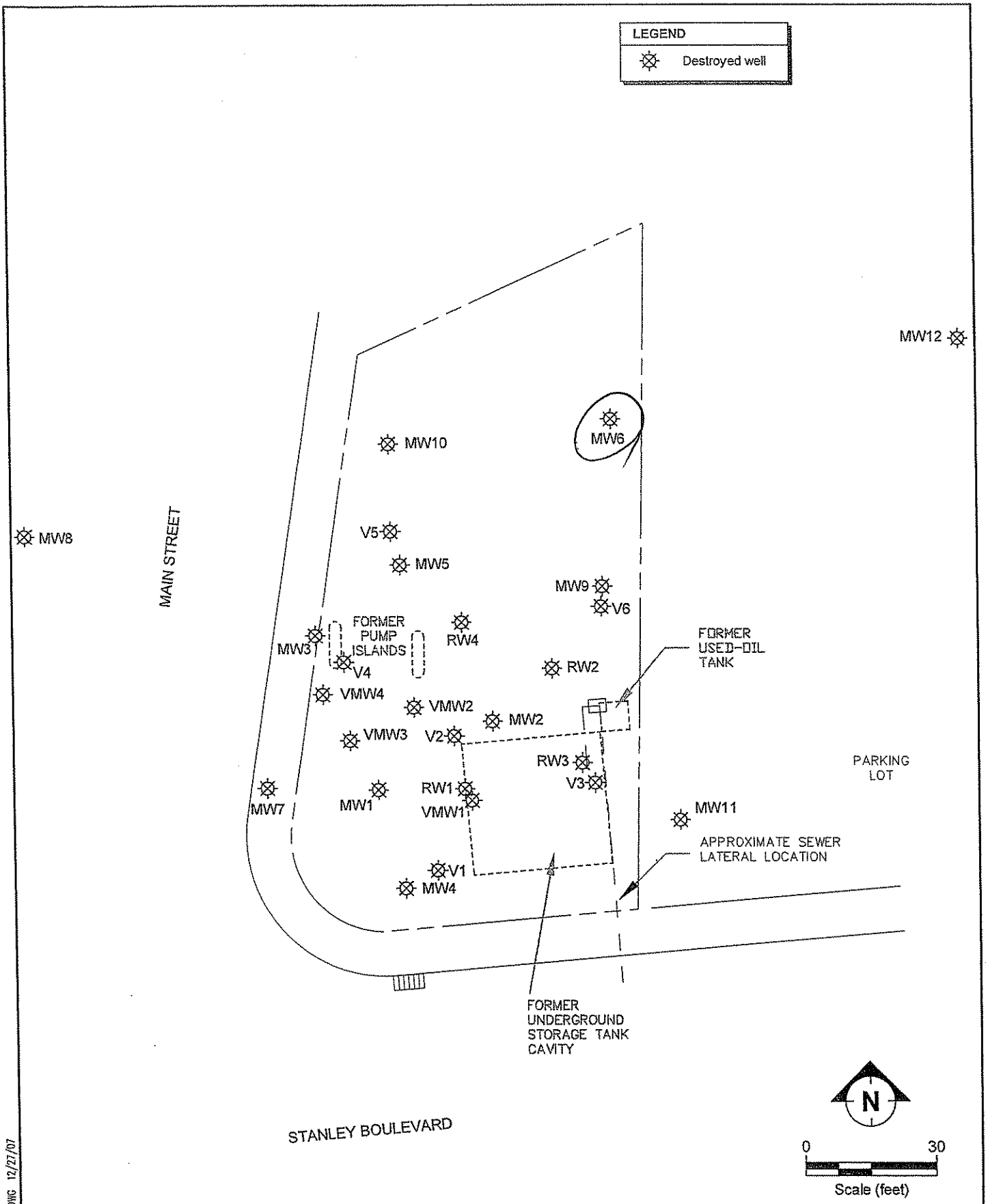
FIELD SKETCH OF BORING LOCATION

TOP OF CASING ELEVATION 348.23'

DRILLING METHOD Hollow stem auger HOLE DIAM. 10"
SAMPLER TYPE Modified split spoon
CASING DATA 4" Sch. 40 PVC with 0.020" slots
DRILLER Aqua Science Engineers, Inc.

WATER LEVEL	-42'		
DATE	10-9-90		
TIME	9:50		

BLOWS PER FOOT(N)	CGI (PPM)	SAMPLE	DEPTH	WELL CONSTRUCTION OR BORING CLOSURE	USCS	PROFILE	DESCRIPTION
9,23, 35			36 38	4" sch. 40 PVC .020 Slot	SM		GRAVELLY SAND; tan/gray, very dense, moist.
28,40, 44			40 42				SANDY GRAVEL; gray, very dense, moist.
3,10, 24			44 46		GP		SANDY GRAVEL; gray, poorly graded, dense, wet.
			48 50	End Cap			
			52 54	Wooden Plug			
			56 58 60				BORING TERMINATED AT 55 FEET BELOW GRADE



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

ALTON GEOSCIENCE, Inc.
LOG OF EXPLORATORY BORING

PROJECT NO. 30-065 DATE DRILLED 10-10-90
CLIENT Mobil Oil Corporation
LOCATION 1024 Main St., Pleasanton, Ca.
LOGGED BY M.A. APPROVED BY

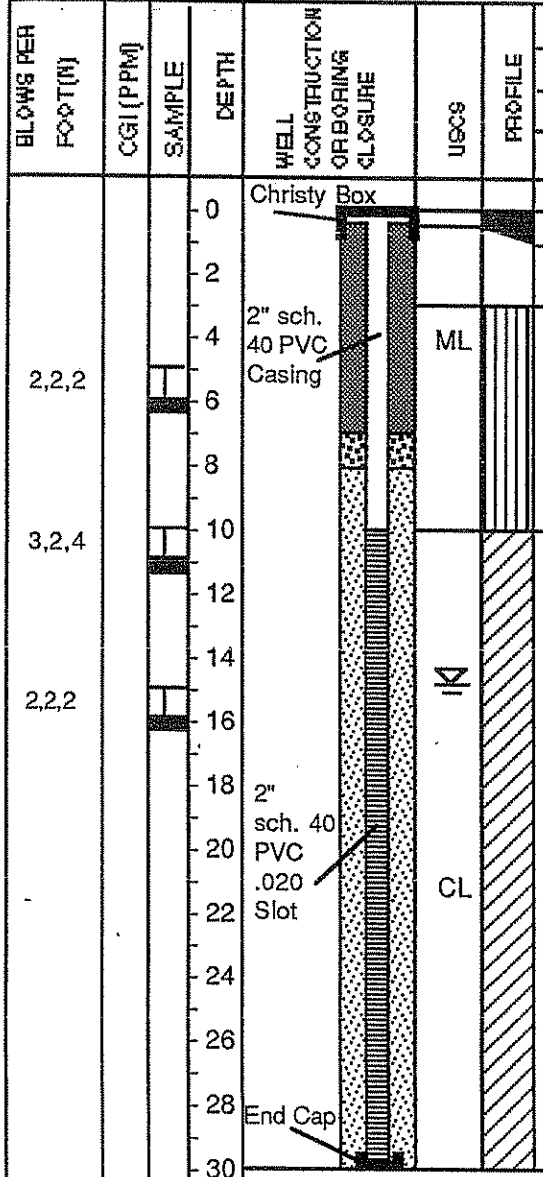
BORING NO. SB-12
WELL NO. MW-7

FIELD SKETCH OF BORING LOCATION

TOP OF CASING ELEVATION 347.90'

DRILLING METHOD Hollow stem auger HOLE DIAM. 8"
SAMPLER TYPE Modified split spoon
CASING DATA 2" Sch. 40 PVC with 0.020" slots
DRILLER Aqua Science Engineering, Inc.

WATER LEVEL	-15'		
DATE	10-10-90		
TIME	10:55		



DESCRIPTION

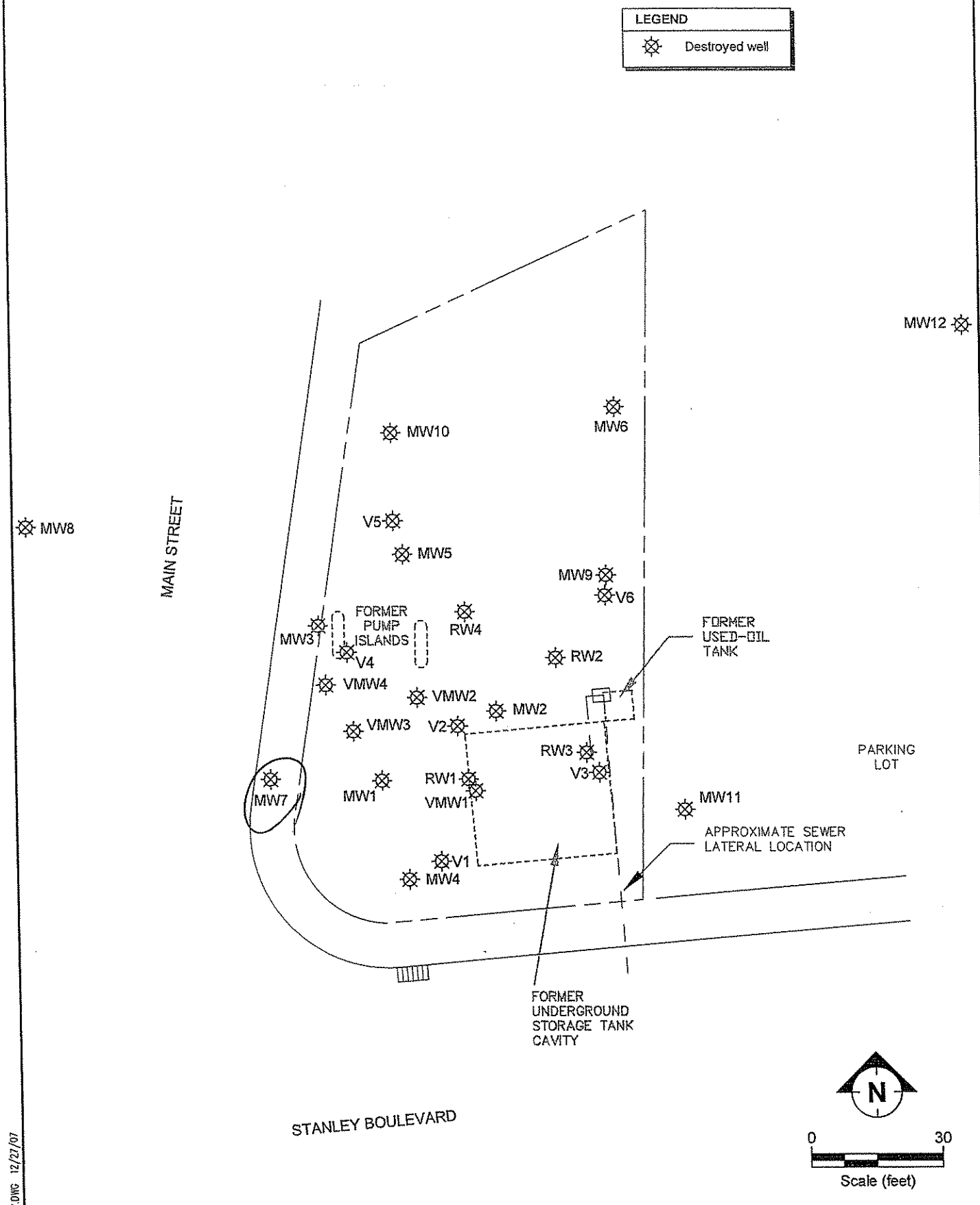
4" Asphalt and Basecourse

SANDY SILT; dark brown, soft, moist, low plasticity.

SILTY CLAY; dark brown, firm, moist, low plasticity.

SILTY CLAY; light brown, soft, wet, low plasticity.

BORING TERMINATED AT 30 FEET BELOW GRADE



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

ALTON GEOSCIENCE, Inc.
LOG OF EXPLORATORY BORING

PROJECT NO. 30-065 DATE DRILLED 10-9-90
CLIENT Mobil Oil Corporation
LOCATION 1024 Main St., Pleasanton, Ca.
LOGGED BY M.A. APPROVED BY

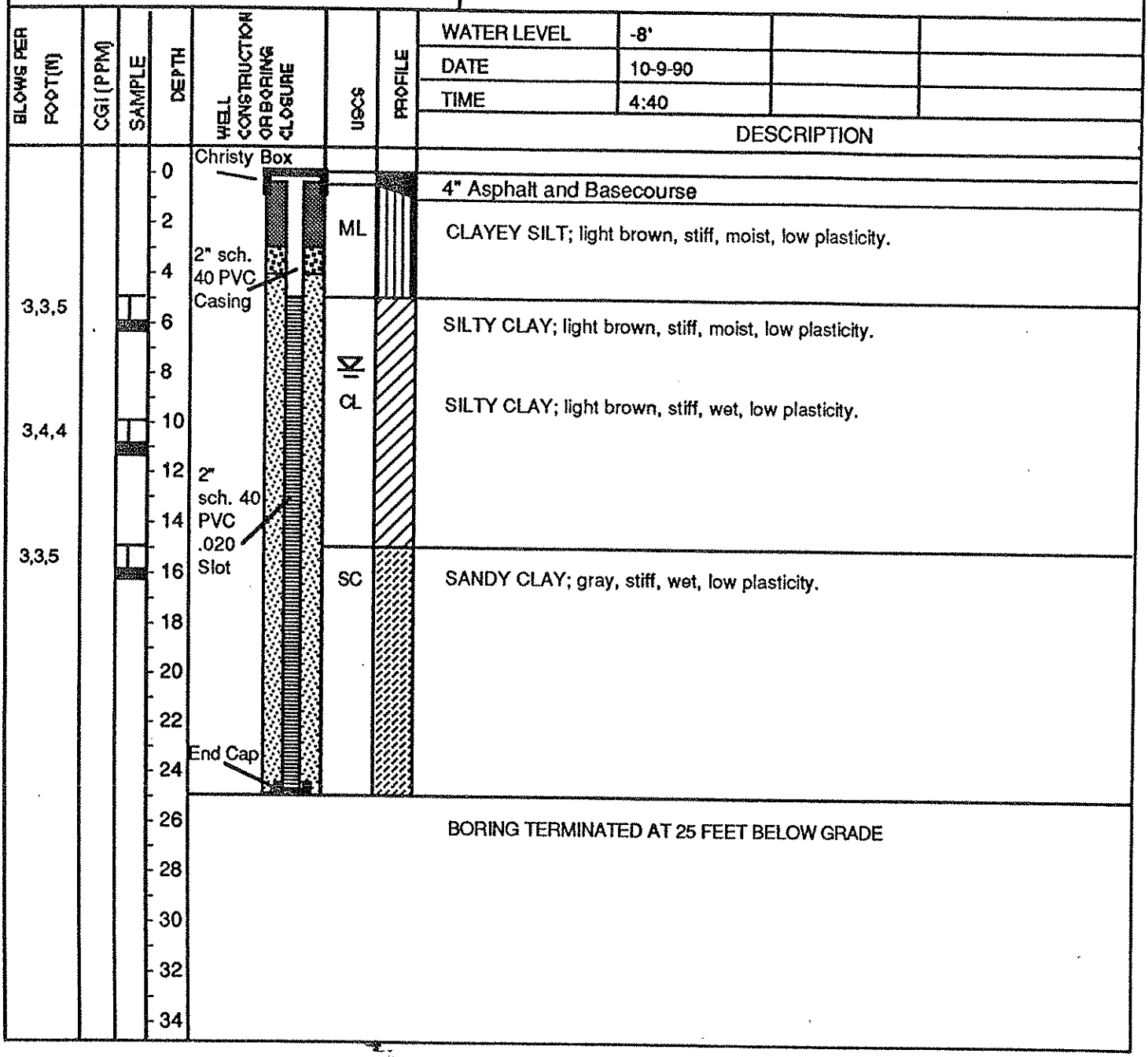
BORING NO. SB-13
WELL NO. MW-8

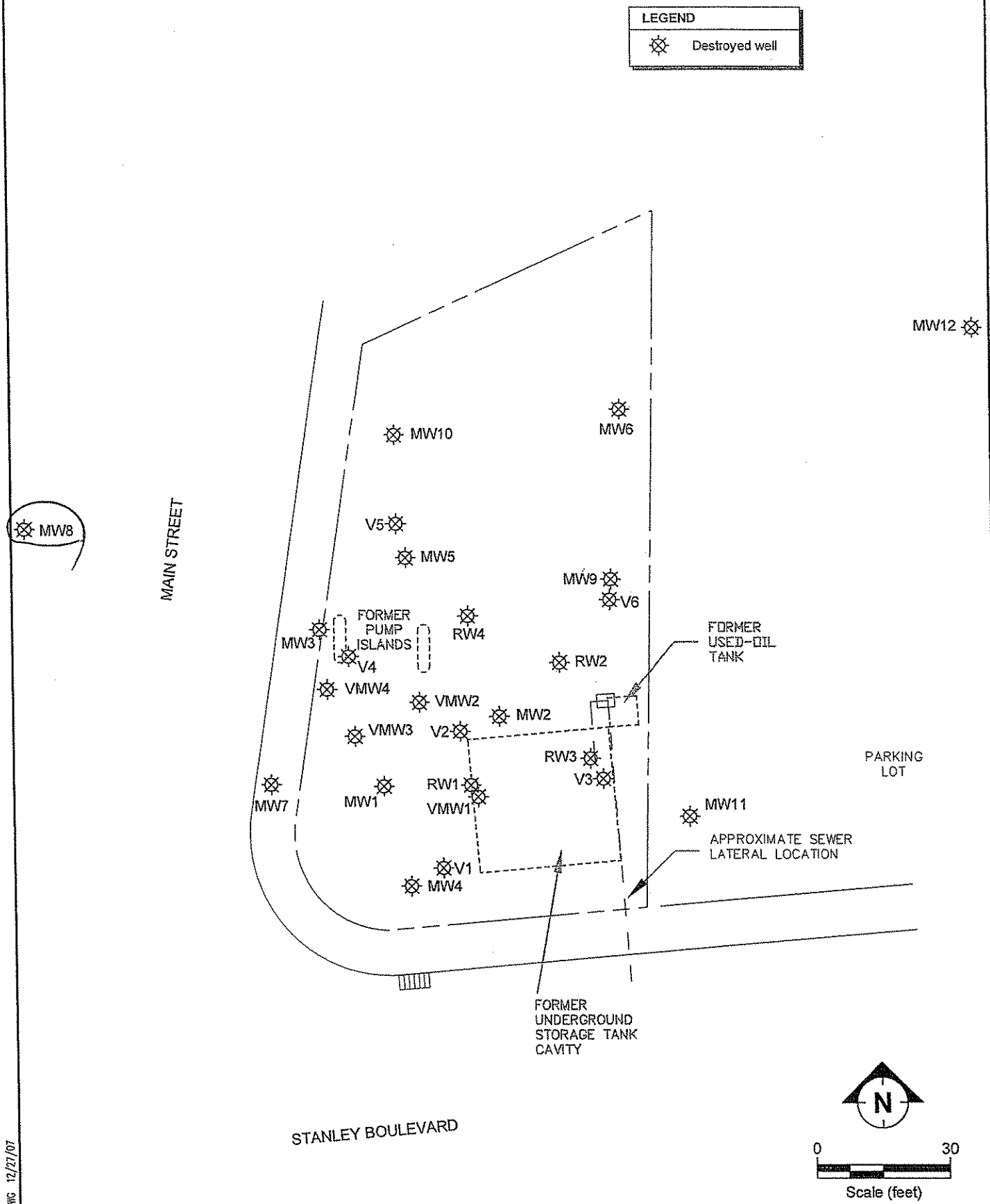
FIELD SKETCH OF BORING LOCATION

TOP OF CASING ELEVATION 348.90'

DRILLING METHOD Hollow stem auger HOLE DIAM. 8"
SAMPLER TYPE Modified split spoon
CASING DATA 2" Sch. 40 PVC with 0.020" slots
DRILLER Aqua Science Engineering, Inc.

WATER LEVEL	-8'		
DATE	10-9-90		
TIME	4:40		





FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

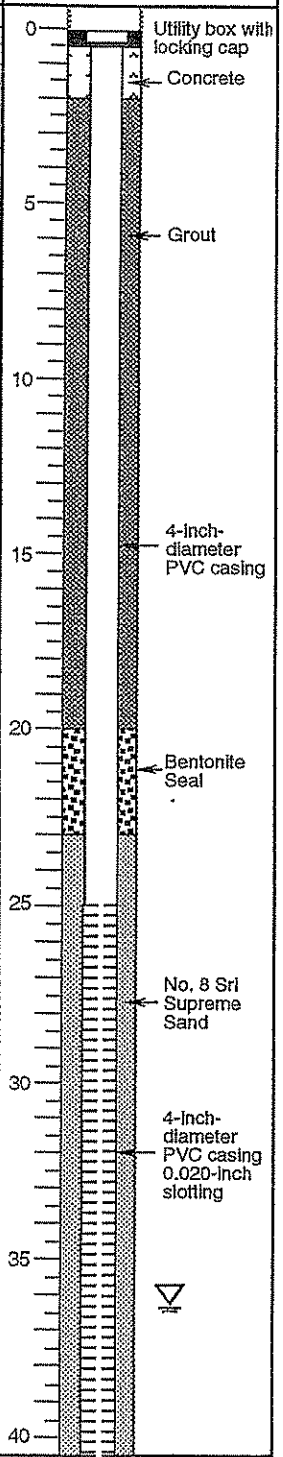
REMOVED

PROJECT NO.: 30-0065	DATE DRILLED: 11-17-93
LOCATION: Mobil Station 04-H6J	LOGGED BY: R. Scheele
1024 Main Street	APPROVED BY: J.A. Lehrman, R.G.
Pleasanton, California	DRILLING CO.: V & W Drilling

DRILLING METHOD: 10.25-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split-Spoon
TOTAL DEPTH: 56.5 feet DEPTH TO WATER: 36.5 feet

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
	0			0	Hand-augered to 5 feet.		
					SILTY GRAVEL: dark brown, (fill).		
2/2/3	100			5	SANDY SILT: brown, soft, damp; very fine-grained sand, well graded, rootlets.		
2/3/3							
3/6/7			X				
4/5/8				10	Trace of gravel to 0.25-inch-diameter, some clay, burrows.	ML	
4/5/5							
3/4/6	75	ND					
2/3/5				15	Increasing clay content.		
2/3/4					SANDY CLAY: brown, soft, damp; very fine-grained sand, well graded, with gray burrow, some silt.		
3/3/4	75						
3/3/5				20			
4/6/8							
4/7/8	50					CL	
4/5/8							
4/6/9				25			
5/6/8	65						
6/8/14					SILTY SAND: brown, medium dense, damp; fine- to medium-grained, poorly graded, fining upwards.	SM	
12/10/16				30	SANDY GRAVEL: dark gray, medium dense, damp; fine- to coarse-grained sand, well graded, angular to semi-angular gravel to 1.0-inch-diameter, with silt.	GM	
10/12/15	0				Increasing gravel.		
10/12/18							
31/35/50							
				35			
10/15/16	0	ND			Gray, dense; coarse- to very coarse-grained sand, well graded.		
13/16/31							
14/15/21					Gravel to 1.5-inch-diameter.	GP	
13/17/22				40	Less fines.		

WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

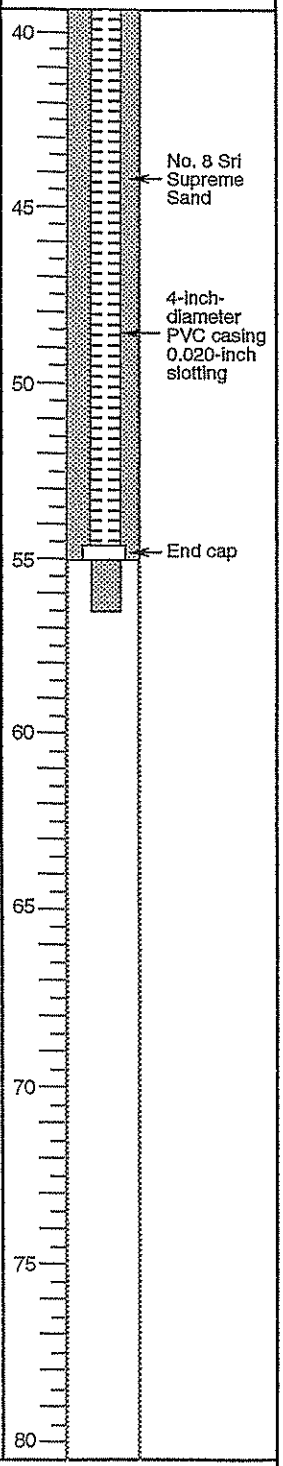
MW-10

PROJECT NO.: 30-0065	DATE DRILLED: 11-17-93
LOCATION: Mobil Station 04-H6J	LOGGED BY: R. Scheele
1024 Main Street	APPROVED BY: J.A. Lehrman, R.G.
Pleasanton, California	DRILLING CO.: V & W Drilling

DRILLING METHOD: 10.25-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split-Spoon
TOTAL DEPTH: 56.5 feet DEPTH TO WATER: 36.5 feet

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
15/17/20	0			40	SANDY GRAVEL: gray, dense, damp; coarse to very coarse-grained sand, well graded, gravel to 0.75-inch-diameter.	GP	
16/19/22							
18/20/24				45			
				50	SANDY CLAY: brown, medium stiff, damp; very fine-grained sand, well graded, trace gravel to 0.25-inch-diameter, mottled.	CL	
7/9/11							
5/6/9				55	Increasing gravel to 10%.		
				60			
				65			
				70			
				75			
				80			

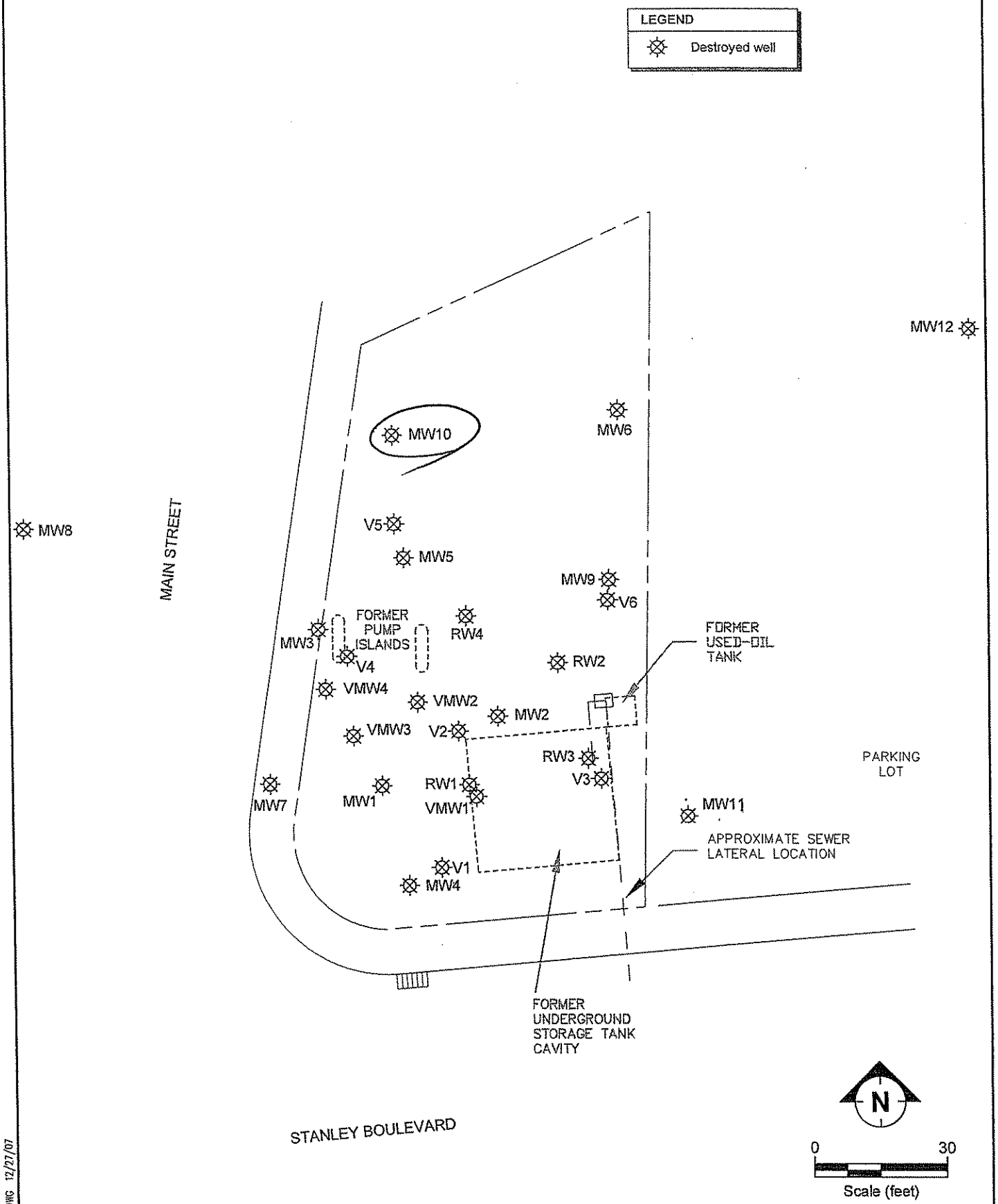
WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

MW-10



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

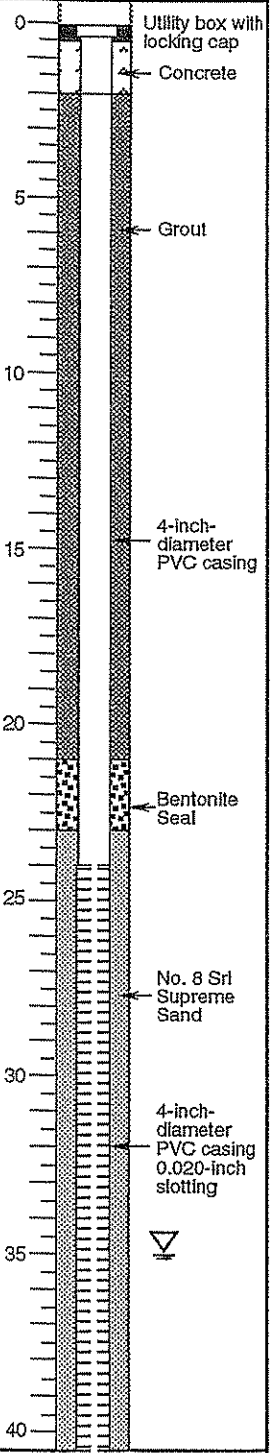
REMOVED

PROJECT NO.: 30-0065	DATE DRILLED: 11-18-93
LOCATION: Mobil Station 04-H6J	LOGGED BY: R. Scheele
1024 Main Street	APPROVED BY: J.A. Lehrman, R.G.
Pleasanton, California	DRILLING CO.: V & W Drilling

DRILLING METHOD: 10.25-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split-Spoon
TOTAL DEPTH: 46.5 feet DEPTH TO WATER: 35.0 feet

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				0	Hand-augered to 5 feet.		
					SILT: brown, very soft, damp; very fine-grained sand, poorly graded, trace clay (Cuttings).		
4/8/11	85	ND		5	SANDY SILT: brown, soft, damp; very fine-grained sand, well graded, some gravel to 0.75-inch-diameter, trace clay.		
12/15/25	65			10	Increasing % of gravel to 0.75-inch-diameter.	ML	
11/16/28	130	ND		15	No gravel.		
					Increasing clay.		
					SANDY CLAY: dark gray, medium stiff, damp; very fine-grained sand, trace silt.		
8/11/14	125			20	Reddish brown mottling.	CL	
8/9/11	70	ND		25	Gray, worm burrows, mottling.		
5/6/9							
8/10/10					SANDY SILT: brown, medium stiff, damp; very fine-grained sand, trace clay.		
4/7/8	50			30	Gravel up to 15%.		
8/9/14						ML	
9/12/15							
11/13/14				35			
10/14/18					GRAVELLY SAND: brown, medium dense, moist to wet; medium to coarse-grained, gravel to 0.5-inch-diameter.		
7/10/12						SM	
	5% LEL			40			

WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

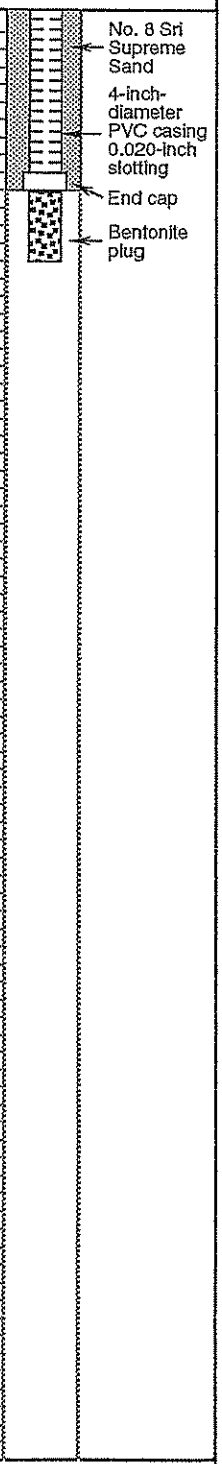
MW-11

PROJECT NO.: 30-0065	DATE DRILLED: 11-18-93
LOCATION: Mobil Station 04-H6J	LOGGED BY: R. Scheele
1024 Main Street	APPROVED BY: J.A. Lehrman, R.G.
Pleasanton, California	DRILLING CO.: V & W Drilling

DRILLING METHOD: 10.25-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split-Spoon
TOTAL DEPTH: 46.5 feet DEPTH TO WATER: 35.0 feet

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
3/3/3				40	SANDY CLAY: brown, moist, medium dense; very fine-grained sand, well graded, burrows, trace pebbles, some silt.	SM / CL	
4/4/5							
5/5/7							
11/12/15		ND		45	Increasing sand.	SM	
				50			
				55			
				60			
				65			
				70			
				75			
				80			

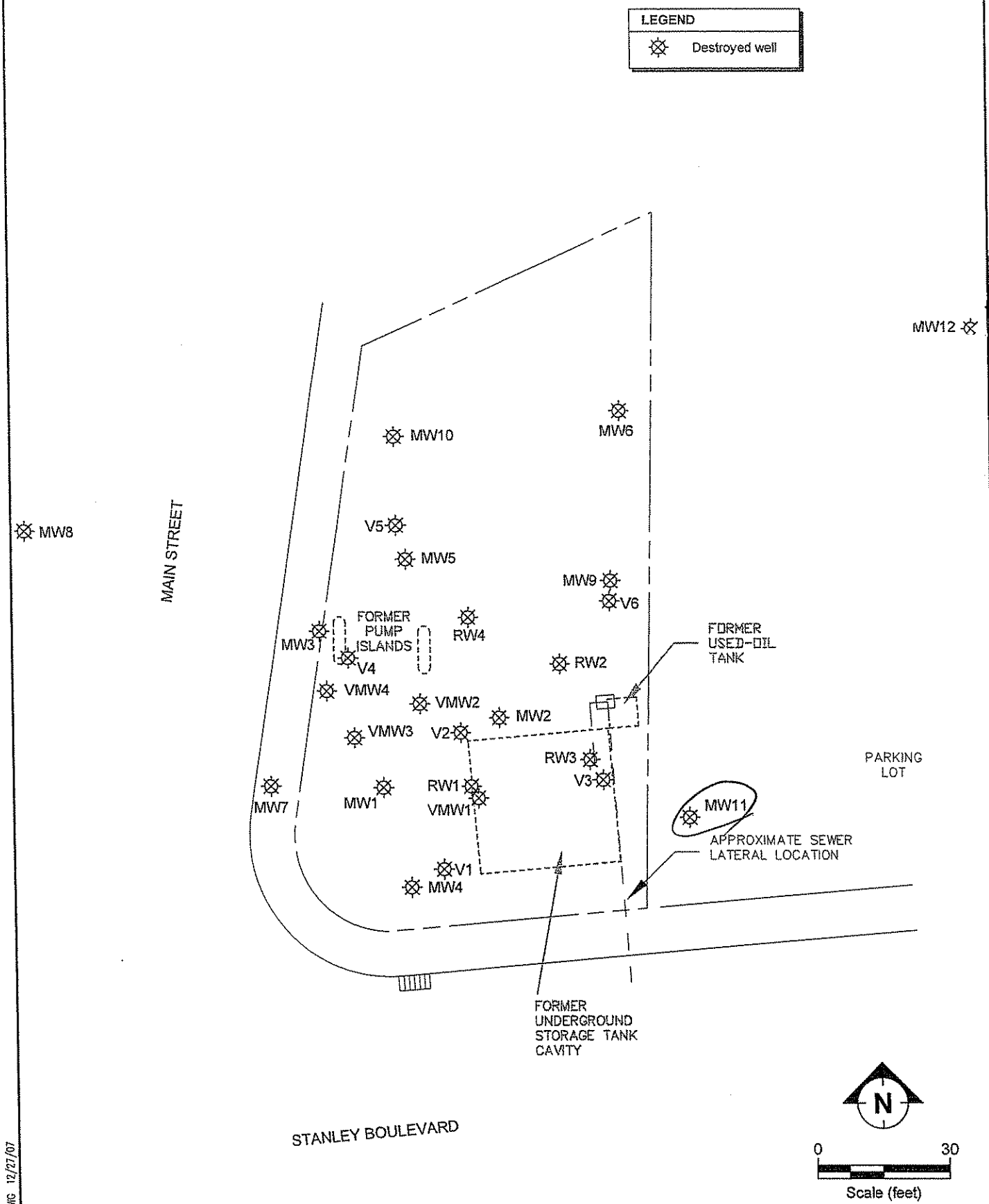
WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

MW-11



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

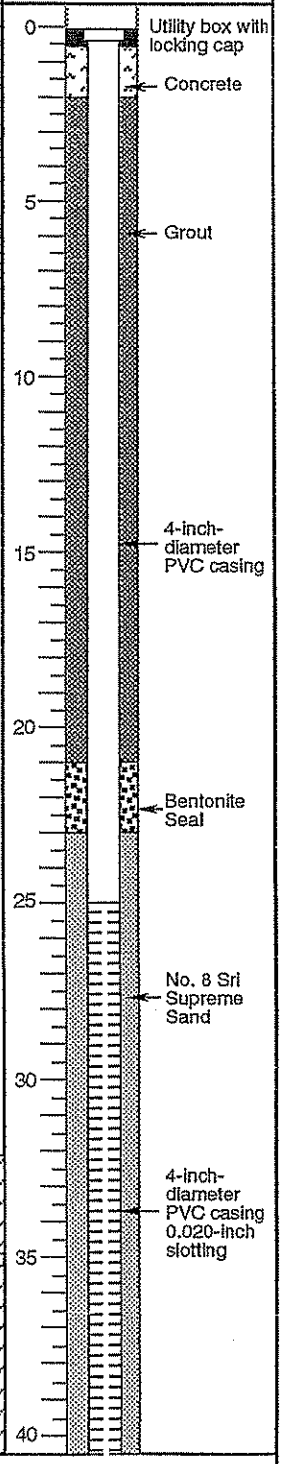
REMOVED

PROJECT NO.: 30-0065	DATE DRILLED: 11-17-93
LOCATION: Mobil Station 04-H6J	LOGGED BY: R. Scheele
1024 Main Street	APPROVED BY: J.A. Lehrman, R.G.
Pleasanton, California	DRILLING CO.: V & W Drilling

DRILLING METHOD: 10.25-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split-Spoon
TOTAL DEPTH: 58.0 feet DEPTH TO WATER: 45.0 feet

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				0			
					Hand-augered to 5 feet.		
					SILT: brown, very soft, damp; very fine-grained, poorly graded, trace of clay.		
3/4/6				5	SANDY SILT: brown, soft, damp; very fine-grained sand, medium graded.		
3/5/5							
4/5/6							
5/7/8				10	Medium stiff, burrows, trace clay.		
6/9/11							
8/11/12	40						
9/10/12				15			
						ML	
6/9/12							
7/9/12	30			20	Increasing clay.		
9/10/14					Numerous gray burrows.		
7/9/11							
6/8/11				25			
4/6/9	20				Increasing sand.		
11/13/14							
7/8/10				30	SANDY SILT: brown, medium stiff, damp; very fine-grained sand, well graded, trace of gravel to 0.5-inch-diameter.		
9/11/15	100				Increasing semi-rounded gravel to 0.75-inch-diameter.		
15/26/39					SANDY SILT: brown, very stiff, damp; very fine- to very-coarse grained sand, well graded, semi-angular to semi-rounded gravel to 1-inch-diameter, sand clasts to 0.75-inch-diameter, yellow, trace clay.	ML/ GM	
15/23/38				35			
11/24/38					SANDY CLAY: brown, medium stiff, damp; very fine-grained sand, well graded, black mottling, trace of gravel to 0.25-inch-diameter.		
8/22/23						CL	
7/18/21	25				Increasing gravel to 15%.		
				40	Increasing reddish brown and black mottling.		

WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

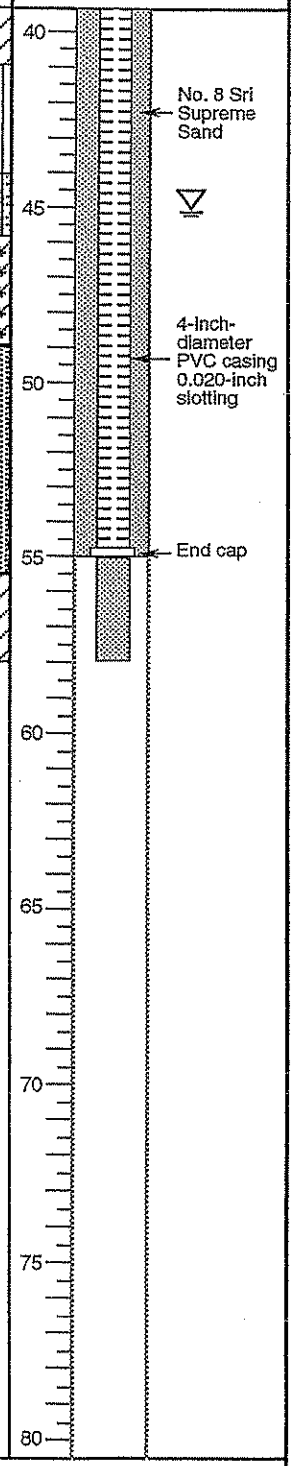
MW-12

PROJECT NO.: 30-0065	DATE DRILLED: 11-17-93
LOCATION: Mobil Station 04-H6J	LOGGED BY: R. Scheele
1024 Main Street	APPROVED BY: J.A. Lehrman, R.G.
Pleasanton, California	DRILLING CO.: V & W Drilling

DRILLING METHOD: 10.25-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split-Spoon
TOTAL DEPTH: 58.0 feet DEPTH TO WATER: 45.0 feet

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
6/20/21				40	SANDY CLAY: brown, medium stiff, damp; very fine-grained sand, well graded, reddish brown and black mottling, some gravel to 0.25-inch-diameter.	CL	
14/15/17	40	23			SANDY SILT: brown, medium stiff, moist; very fine-grained sand, well graded, black mottling.	ML	
				45	SILTY SAND: brown, loose, damp; fine- to medium-grained, well graded, gravel to 1.25-inch-diameter.	SM	
50-3"					CLAYEY GRAVEL: brown, very dense, wet; very fine- to very-coarse grained sand, well graded, gravel to 2-inch-diameter.	GC	
20/50-4.5"	125			50	SANDY GRAVEL: dark gray, very dense, wet; coarse-grained sand, well graded, gravel to 1-inch-diameter.	GP	
28/50/50	100			55	SANDY CLAY: brown, very stiff, wet; fine-grained sand, well graded, gravel to 0.25-inch-diameter, trace silt.	CL	
				60			
				65			
				70			
				75			
				80			

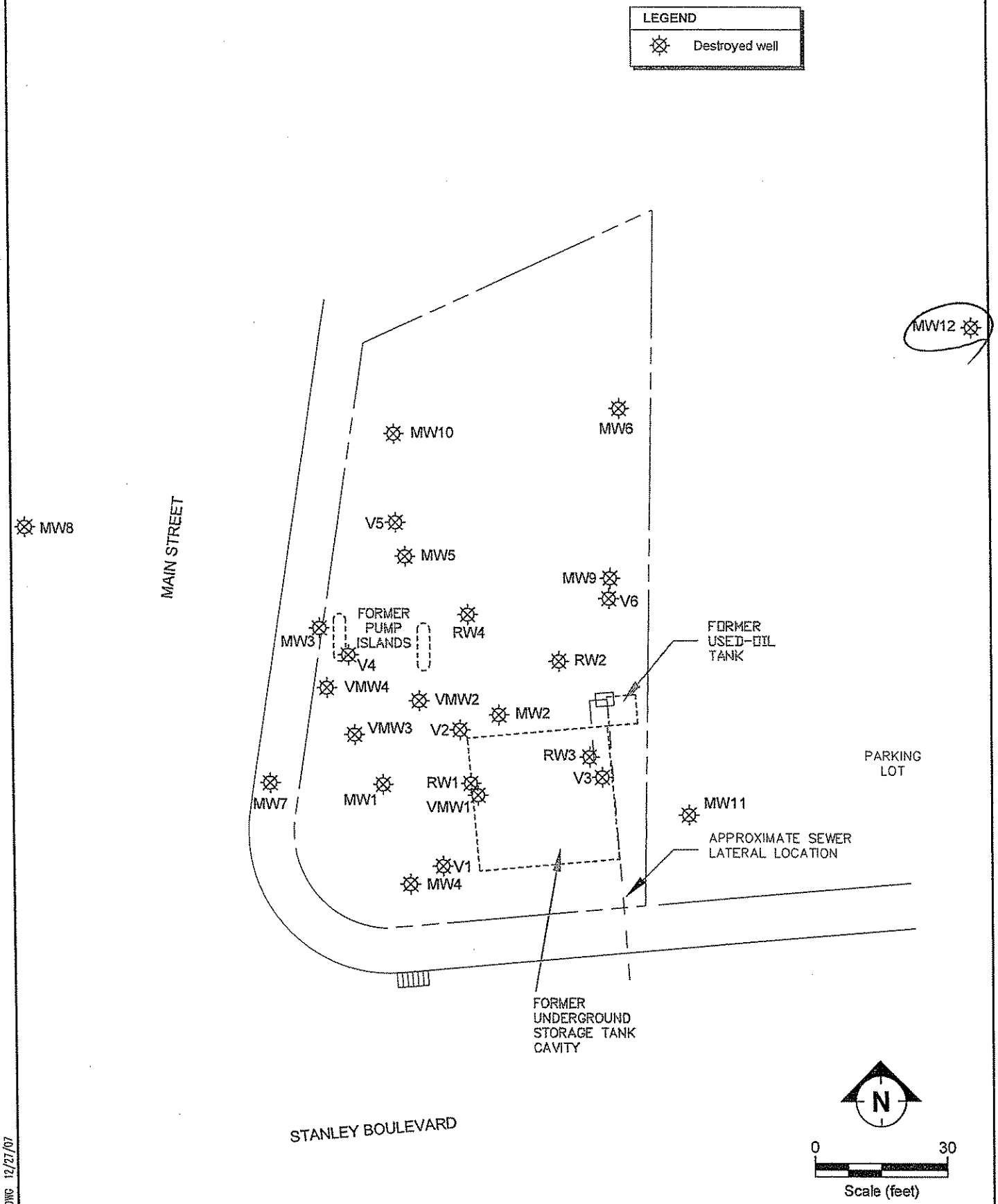
WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

MW-12



ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

FILENAME: BASEMAP0507.DWG 12/27/07

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

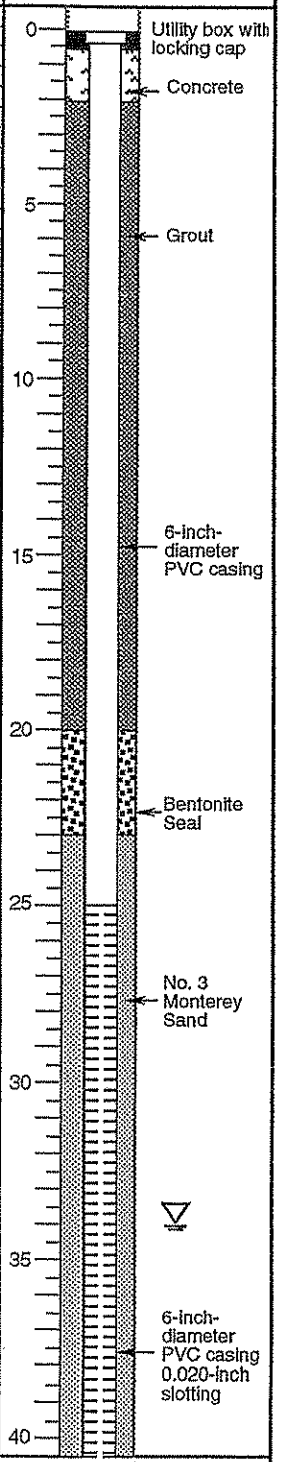
REMOVED

PROJECT NO.: 30-0065	DATE DRILLED: 11-15-93
LOCATION: Mobil Station 04-H6J	LOGGED BY: R. Scheele
1024 Main Street	APPROVED BY: J.A. Lehrman, R.G.
Pleasanton, California	DRILLING CO.: V & W Drilling

DRILLING METHOD: 10.25-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split-Spoon
TOTAL DEPTH: 56.5 feet DEPTH TO WATER: 34.0 feet

BLOWS PER 6 INCHES	CGi (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				0	Hand-augered to 5 feet.		
					Sandy Pea Gravel (Fill).	Fill	
				5	SILTY CLAY: fill, dark brown, medium stiff, damp; well graded, gravel to 0.25-inch-diameter, plastic liner at 9.5 feet.		
	225						
				10	SILTY CLAY: brown very dark gray staining, medium stiff, damp; well graded, with fine-grained sand.		
	250						
	60% LEL	3,500		15	SANDY CLAY: brown with dark gray staining, medium stiff, damp; well graded, with silt.	CL	
	70% LEL			20	Dark brown, 5% gravel to 0.25-inch-diameter.		
	20% LEL						
				25			
3/5/7							
3/6/8							
4/7/9	90% LEL	2,100		30	SILTY SAND: brown, loose, damp; very fine-grained, well graded, some clay.	SM	
3/7/10							
8/9/13	80% LEL						
3/9/11				35			
4/8/12					Medium dense, wet; fine-grained.		
7/8/11							
8/9/11	100% LEL			40	CLAYEY SAND: dark brown, medium dense, wet; fine-grained, well graded, trace of pebbles to 0.25-inch-diameter.	SC	

WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

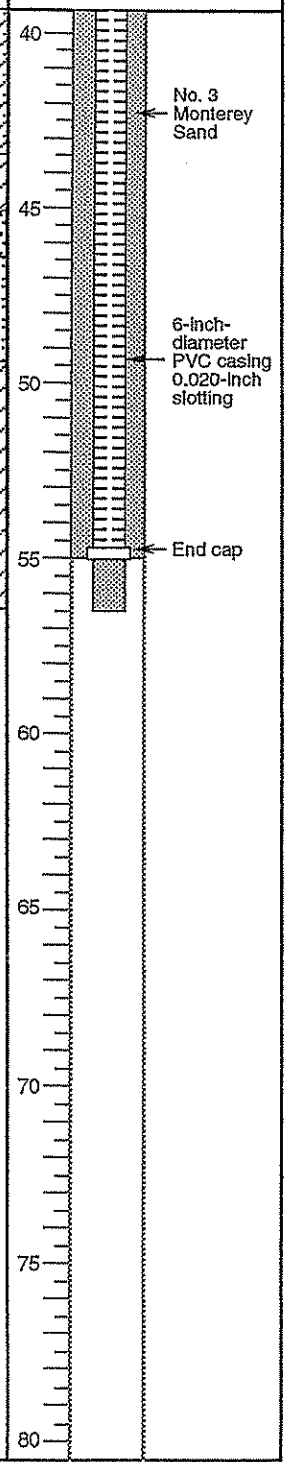
RW-1

PROJECT NO.:	30-0065
LOCATION:	Mobil Station 04-H6J
	1024 Main Street
	Pleasanton, California
DATE DRILLED:	11-15-93
LOGGED BY:	R. Scheele
APPROVED BY:	J.A. Lehrman, R.G.
DRILLING CO.:	V & W Drilling

DRILLING METHOD: 10.25-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split-Spoon
TOTAL DEPTH: 56.5 feet DEPTH TO WATER: 34.0 feet

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
8/11/14 8/10/12	100% LEL			40	SANDY CLAY: brown, medium dense, wet; fine-grained sand, well graded, some silt.	SC	
					CLAYEY SAND: dark brown, medium dense, wet, fine-grained, well graded, trace of pebbles to 1/4" in diameter	CL	
	100% LEL			45	SANDY GRAVEL: very dark gray, loose, wet; well graded, fine- to very coarse-grained sand, angular gravel to 0.33-inch-diameter.	GM	
3/6/14					SILTY SAND: brown, medium dense, wet; fine-grained, well graded, some clay.	SM	
7/8/19	400						
7/19/75	300	1.6		50	SANDY CLAY: brown, stiff, moist; fine-grained sand, well graded, reddish brown, Fe Oxide mottling.	CL	
0				55	Medium dense, sandstone clasts to 0.5-inch-diameter, black and reddish brown mottling.		
				60			
				65			
				70			
				75			
				80			

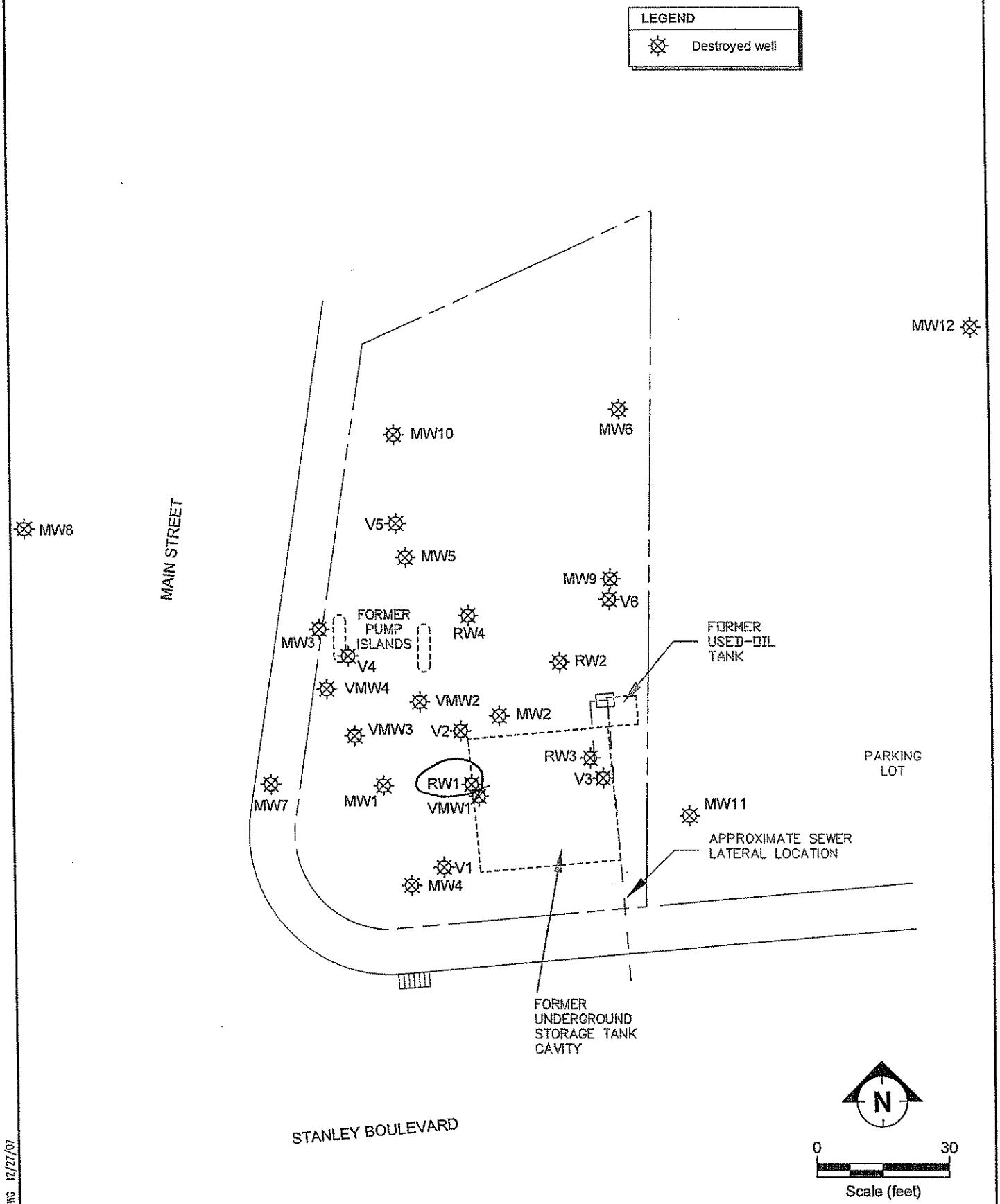
WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

RW-1



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

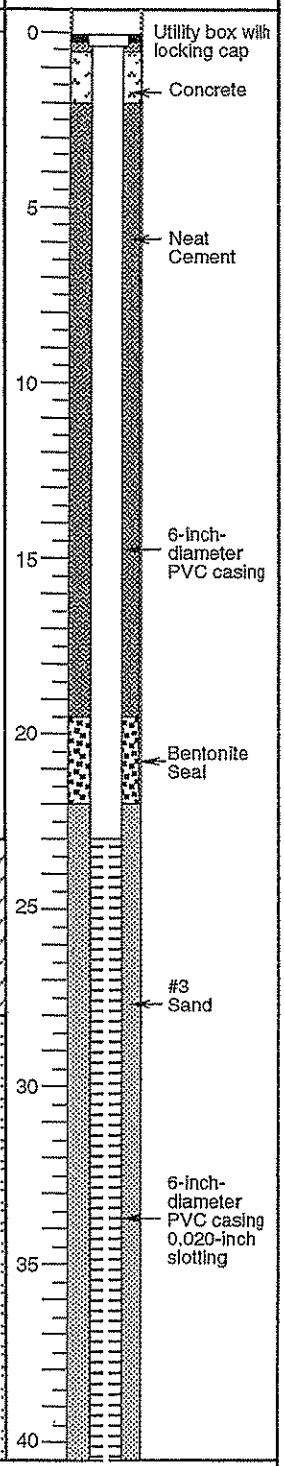
REMOVED

PROJECT NO.: 30-0065	DATE DRILLED: 8/30/94
LOCATION: Mobil Station 04-H6J	LOGGED BY: A. Le May
1024 Main Street	APPROVED BY: A. Campbell, RG
Pleasanton, California	DRILLING CO.: V & W Drilling

DRILLING METHOD: 12-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split-Spoon
TOTAL DEPTH: 56.5 feet DEPTH TO WATER: 41 feet

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				0	Hand-augered to 5 feet.	ML	
5,6,10	0			5	SILT: medium brown, soft, damp.		
6,9,12	0			10			
4,6,10	25			15			
4,5,7	25			20	CLAYEY SILT: medium dark brown, soft, damp, increasing clay content.		
3,5,8	25			25	SILTY CLAY: medium brown, soft, damp.	CL	
3,7,8	off scale LEL			30	SILTY SAND: olive brown, brown, loose, damp, very fine to fine-grained.	SM	
5,6,9	65% LEL			35	Yellowish brown, very fine grained.		
				40			

WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

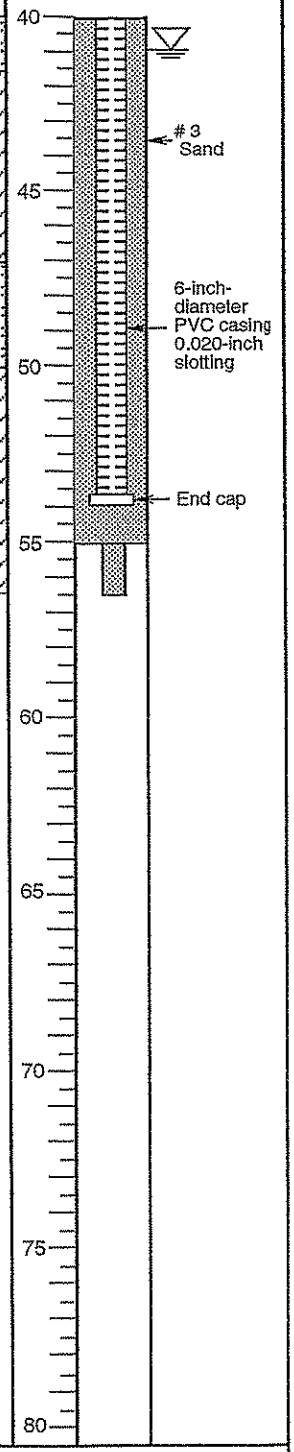
RW-2

PROJECT NO.: 30-0065	DATE DRILLED: 8/30/94
LOCATION: Former Mobil Station 04-H6J	LOGGED BY: A. Le May
1024 Main Street	APPROVED BY: A. Campbell, RG
Pleasanton, California	DRILLING CO.: V & W Drilling

DRILLING METHOD: 12-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split Spoon
TOTAL DEPTH: 56.5 feet DEPTH TO WATER: 41 feet

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	SYMBOL
4,5,6	75			40	SILTY SAND: dark gray, loose, fine grained. Bottom 1 inch is silty clay, mottled gray and medium brown, soft, damp.	SM	
4,5,7	40				SILTY CLAY: mottled gray and medium brown, soft, damp.	CL	
2,4,6	40			45	Mottled dark gray, wet.		
4,4,7	25				SILTY SAND: mottled light brown and orange brown, loose, wet, very fine-grained.	SM	
3,3,6	—			50	CLAY: dark brown, soft, moist, with sand and trace pebbles to 1/2 inch.	CL	
3,4,7	0				SANDY CLAY: dark brown, soft, wet, with small pebbles and sand.		
4,5,8	0			55	With silt.		
				60			
				65			
				70			
				75			
				80			

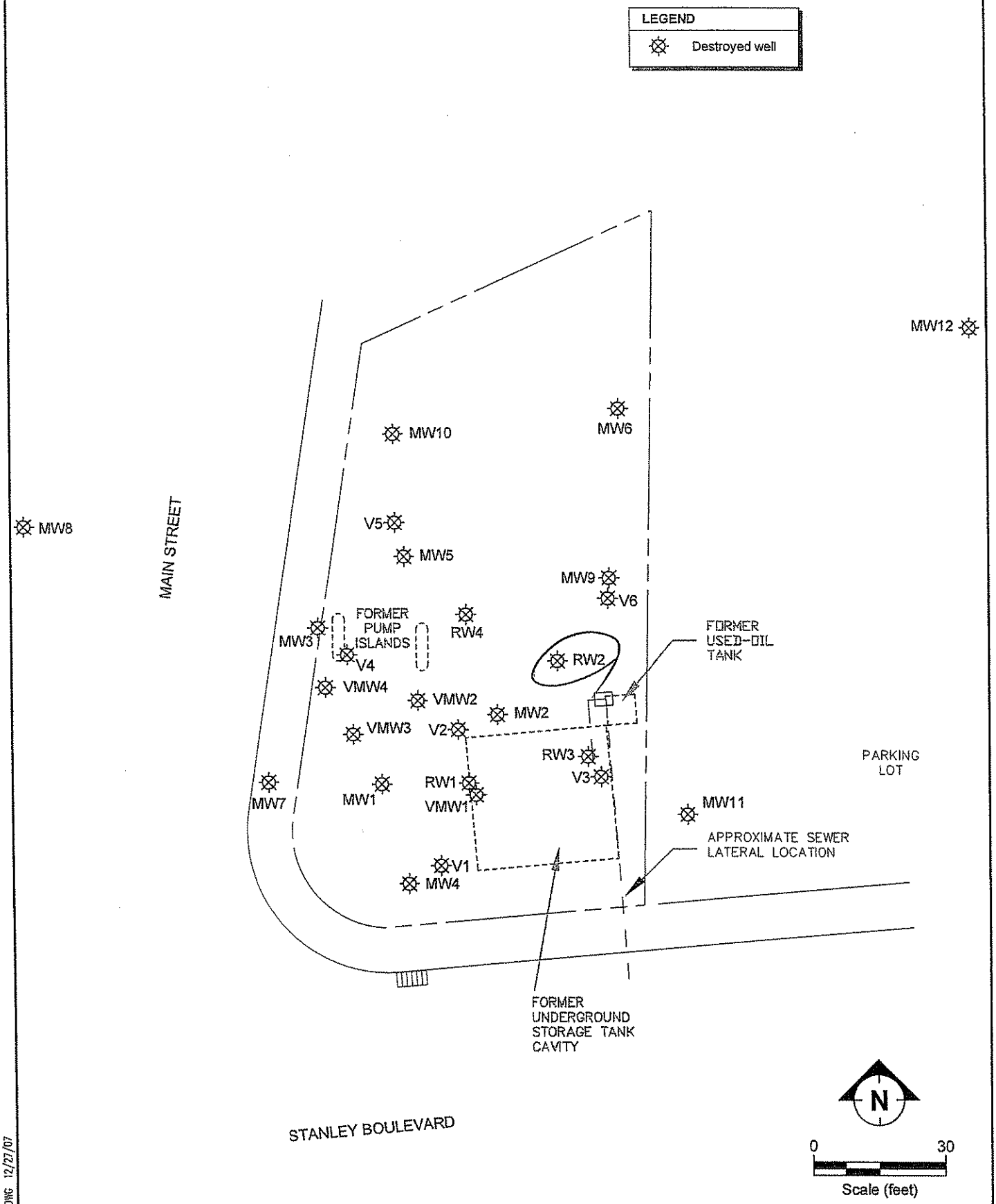
WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

RW-2
PAGE 2 OF 2



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

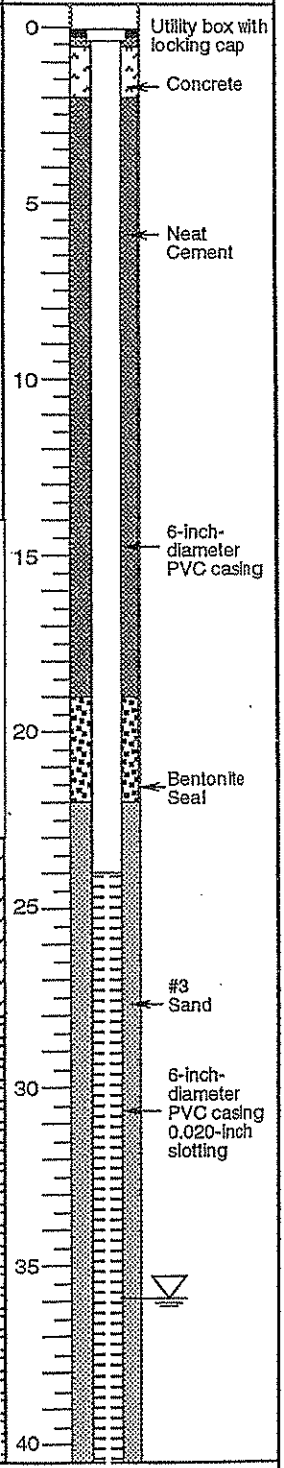
REMOVED

PROJECT NO.:	30-0065	DATE DRILLED:	8/30/94
LOCATION:	Mobil Station 04-H6J	LOGGED BY:	A. Le May
	1024 Main Street	APPROVED BY:	A. Campbell, RG
	Pleasanton, California	DRILLING CO.:	V & W Drilling

DRILLING METHOD: 12-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split-Spoon
TOTAL DEPTH: 56.5 feet DEPTH TO WATER: 36 feet

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				0	Hand-augered to 5 feet. SANDY GRAVEL: (fill), loose		
5,6,7	30			5	SILT: moderate yellowish brown, soft, dry, trace pebbles to 1/4" (fill).		
8,13,14	25			10			
8,7,8	20			15	Moist.	ML	
5,5,6	—			20	CLAYEY SILT: dark yellow brown, soft, moist, increasing clay content.		
3,4,5	15			25	SILTY CLAY: dark yellowish brown, soft, damp.	CL	
4,5,6	50			30	SILTY SAND: grayish olive, loose, damp, very fine to fine-grained. Bottom 3" is SILTY CLAY: mottled grayish olive and moderate yellowish brown, soft damp.	SM	
3,3,7	25			35	Dark yellowish brown, wet, very fine-grained, trace pebbles to 1/2".		
				40			

WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

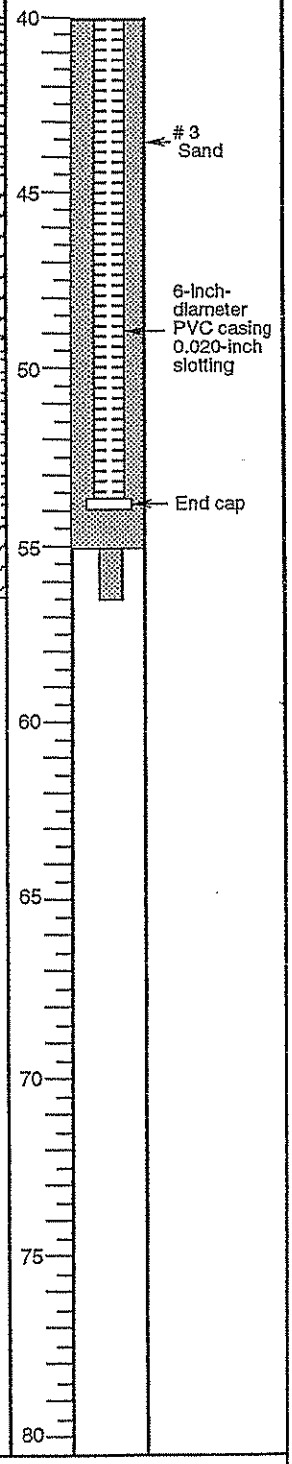
RW-3

PROJECT NO.: 30-0065	DATE DRILLED: 8/30/94
LOCATION: Former Mobil Station 04-H6J	LOGGED BY: A. Le May
1024 Main Street	APPROVED BY: A. Campbell, RG
Pleasanton, California	DRILLING CO.: V & W Drilling

DRILLING METHOD: 12-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split Spoon
TOTAL DEPTH: 56.5 feet DEPTH TO WATER:

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	SYMBOL
4,4,8	50			40	SILTY SAND: dark mottled yellowish brown, loose, wet, very fine-grained.	SM	
3,4,6	50			45	SILTY CLAY: mottled dark yellowish brown, soft, wet.	CL	
2,3,5	25						
4,5,5	0			50	SILTY SAND: olive brown, soft, wet, very fine-grained.	SM	
2,2,5	0						
3,3,5	0			55	CLAY: dark yellowish brown, soft, wet, with pebbles and sand to 1/4 inch.		
				60			
				65			
				70			
				75			
				80			

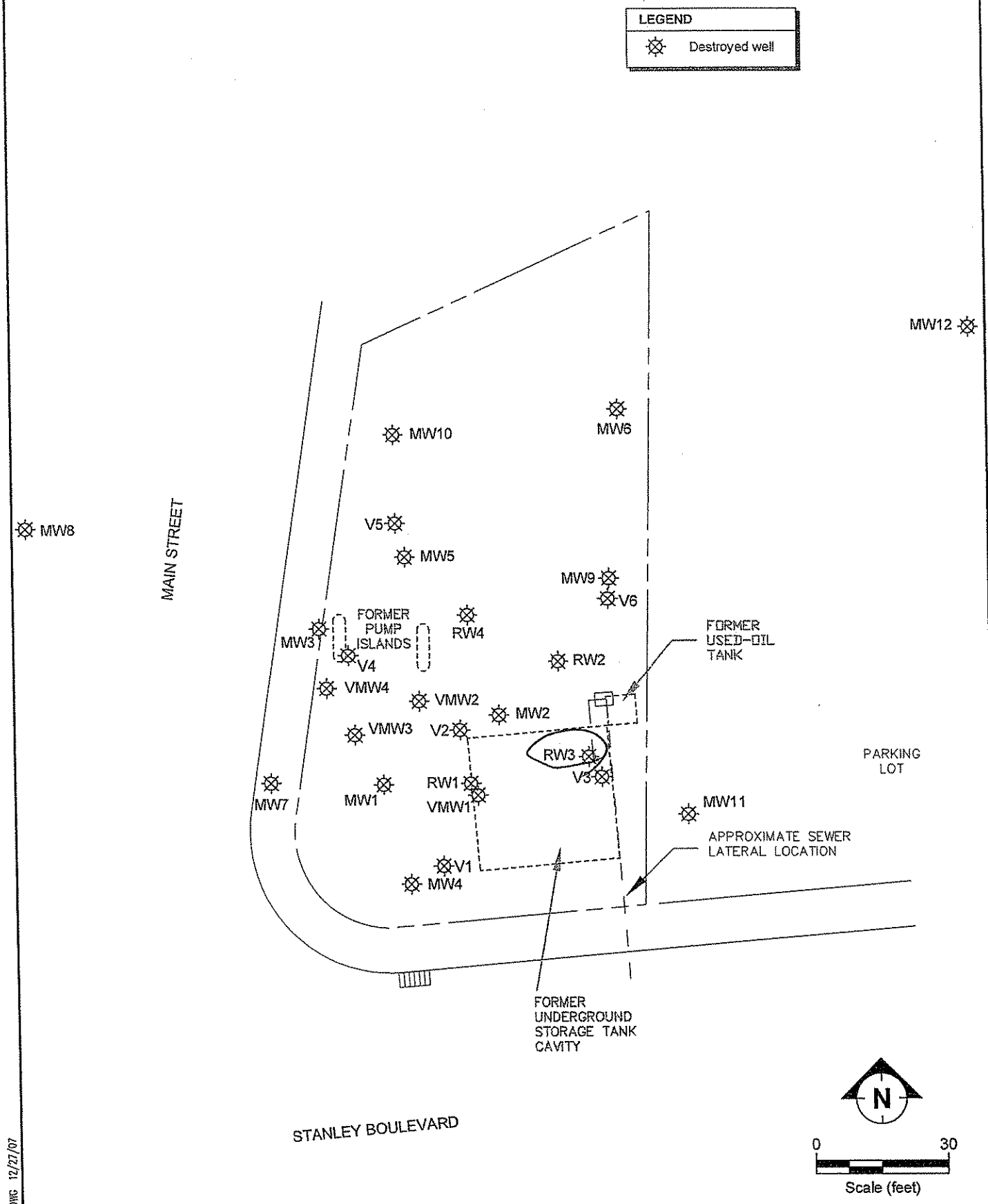
WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

RW-3
PAGE 2 OF 2



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

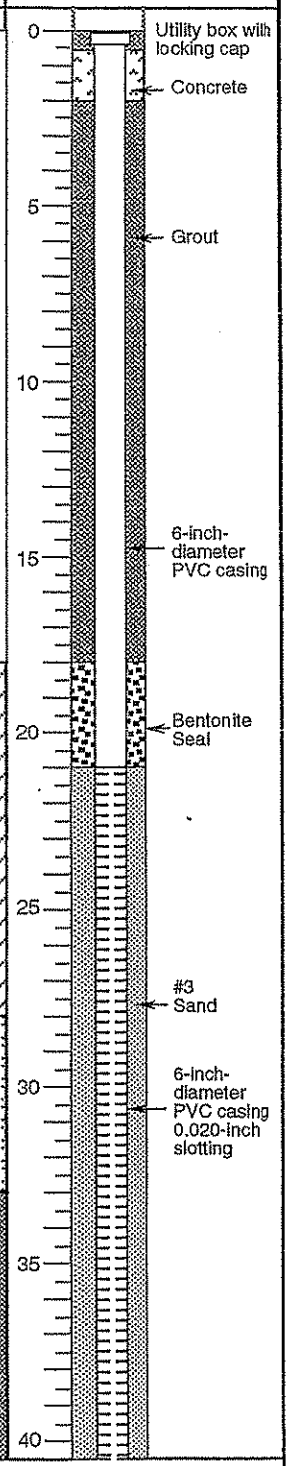
REMOVED

PROJECT NO.: 30-0065	DATE DRILLED: 8/30/94
LOCATION: Mobil Station 04-H6J	LOGGED BY: A. Le May
1024 Main Street	APPROVED BY: A. Campbell, RG
Pleasanton, California	DRILLING CO.: V & W Drilling

DRILLING METHOD: 12-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split-Spoon
TOTAL DEPTH: 54 feet DEPTH TO WATER: 40feet

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				0	Hand-augered to 5 feet. 2-inch asphalt.		
2,2,3	75			5	SILT: mottled yellowish brown, soft, dry.	ML	
4,6,7	75			10	Damp.		
4,4,5	30			15	Moist.		
3,4,7	45			20	SILTY CLAY: dark yellowish brown, soft, moist, moderate plasticity.	CL	
4,6,8	30			25	Moderate yellowish brown.		
5,6,9	80% LEL			30	SILTY SAND: moderate yellowish brown, loose, moist, very fine-grained.	SM	
7,9,3	0			35	GRAVELLY SAND: light olive gray, loose, wet, coarse sand with gravel to 1/2 inch, clasts subrounded.	SP	
				40			

WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

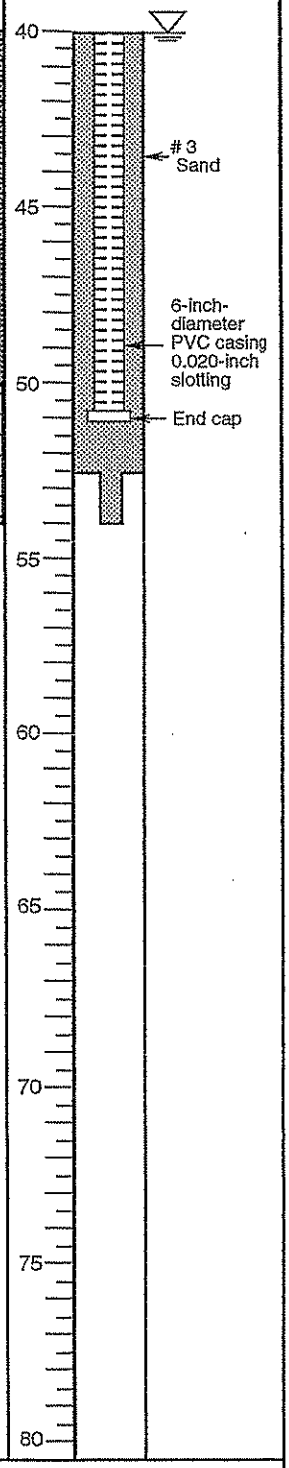
RW-4

PROJECT NO.: 30-0065	DATE DRILLED: 8/30/94
LOCATION: Former Mobil Station 04-H6J	LOGGED BY: A. Le May
1024 Main Street	APPROVED BY: A. Campbell, RG
Pleasanton, California	DRILLING CO.: V & W Drilling

DRILLING METHOD: 12-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split Spoon
TOTAL DEPTH: 54 feet DEPTH TO WATER: 40 feet

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	SYMBOL
0,20,25	200			40	SANDY GRAVEL: dark gray, medium dense, saturated, poorly graded, coarse sand to gravel up to 1 inch.	GP	
5,11,16	150				Coarse sand to gravel to 3/4 inch.		
5,9,18	140			45	Coarse sand and gravel to 1/2 inch. Coarse 3-inch sand layer at 46 feet.		
11,28,44	50				SAND: dark gray, dense, saturated, very coarse-grained sand coarsening with depth to gravel 2/3 inch, poorly graded.	SP	
5,6,10	50			50	CLAY: moderate yellowish brown, soft, moist, trace silt.	CL	
5,7,8	50						
				55			
				60			
				65			
				70			
				75			
				80			

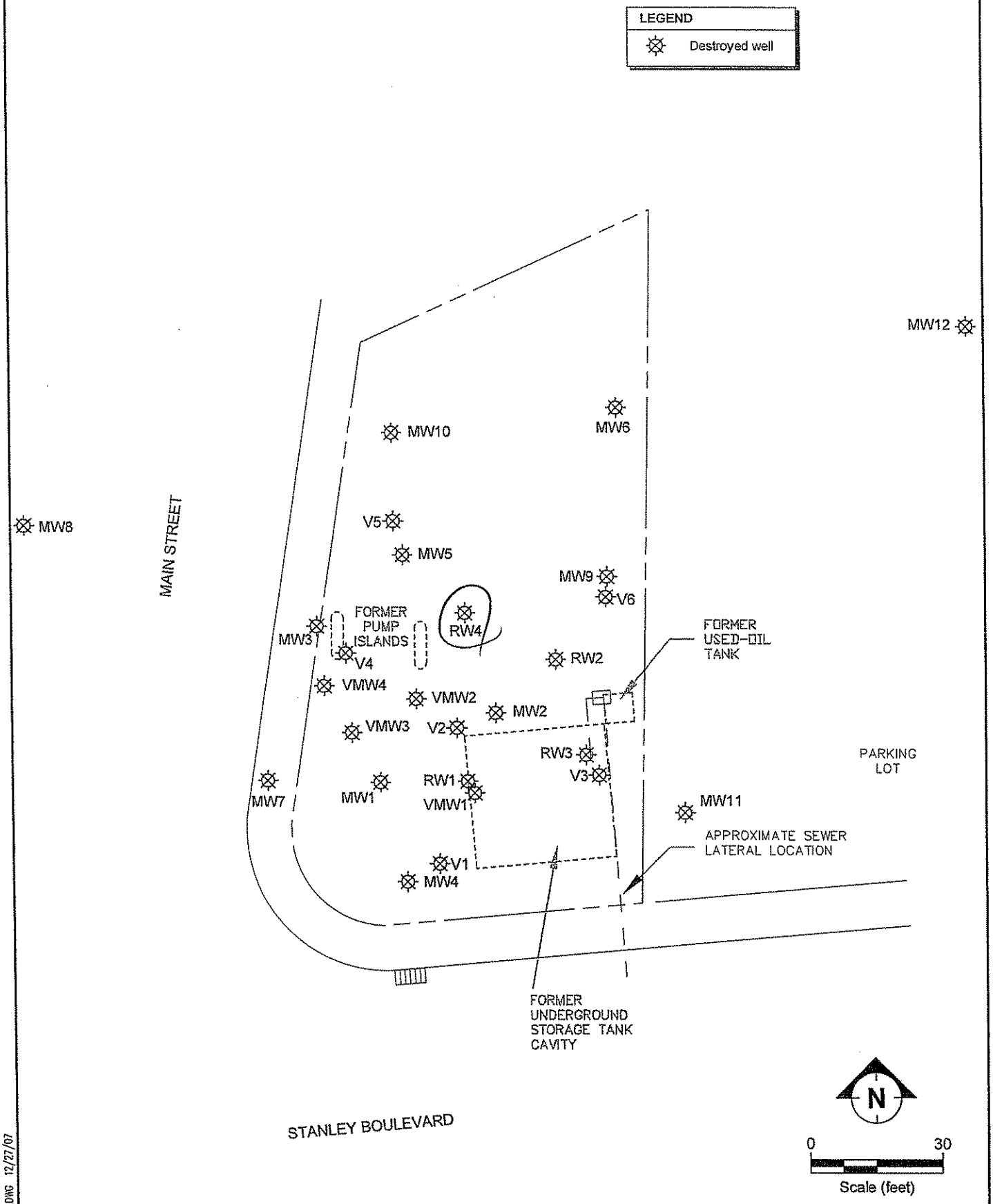
WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

RW-4



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

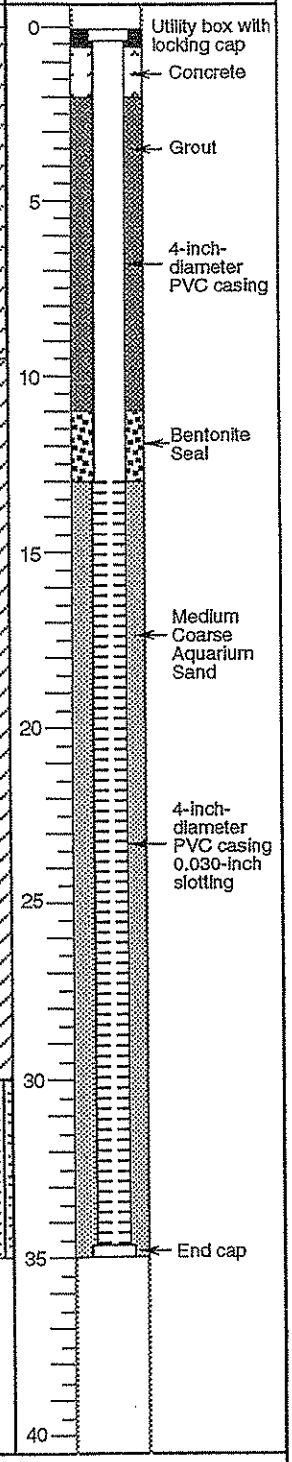
REMOVED

PROJECT NO.: 30-0065	DATE DRILLED: 11-15-93
LOCATION: Mobil Station 04-H6J	LOGGED BY: R. Scheele
1024 Main Street	APPROVED BY: J.A. Lehrman, RG
Pleasanton, California	DRILLING CO.: V & W Drilling

DRILLING METHOD: 10.25-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split-Spoon
TOTAL DEPTH: 35.0 feet DEPTH TO WATER: NA

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				0	Hand-augered to 5 feet.		
					SANDY GRAVEL (Fill).		
				5			
					Plastic liner at 9.5 feet.		
				10	SILTY CLAY: dark brown, medium stiff, damp; well graded, trace of gravel to 0.25-inch-diameter.		
				15	SANDY CLAY: brown with dark gray staining, medium stiff, damp; medium graded, with silt.	CL	
				20	5% gravel to 0.25-inch-diameter.		
				25			
				30	SILTY SAND: brown, loose, damp; fine-grained, medium graded, some clay.	SM	
				35	NOTE: VMW-1 is located ~2.5 feet from RW-1. The soil description on this log is from RW-1.		
				40			

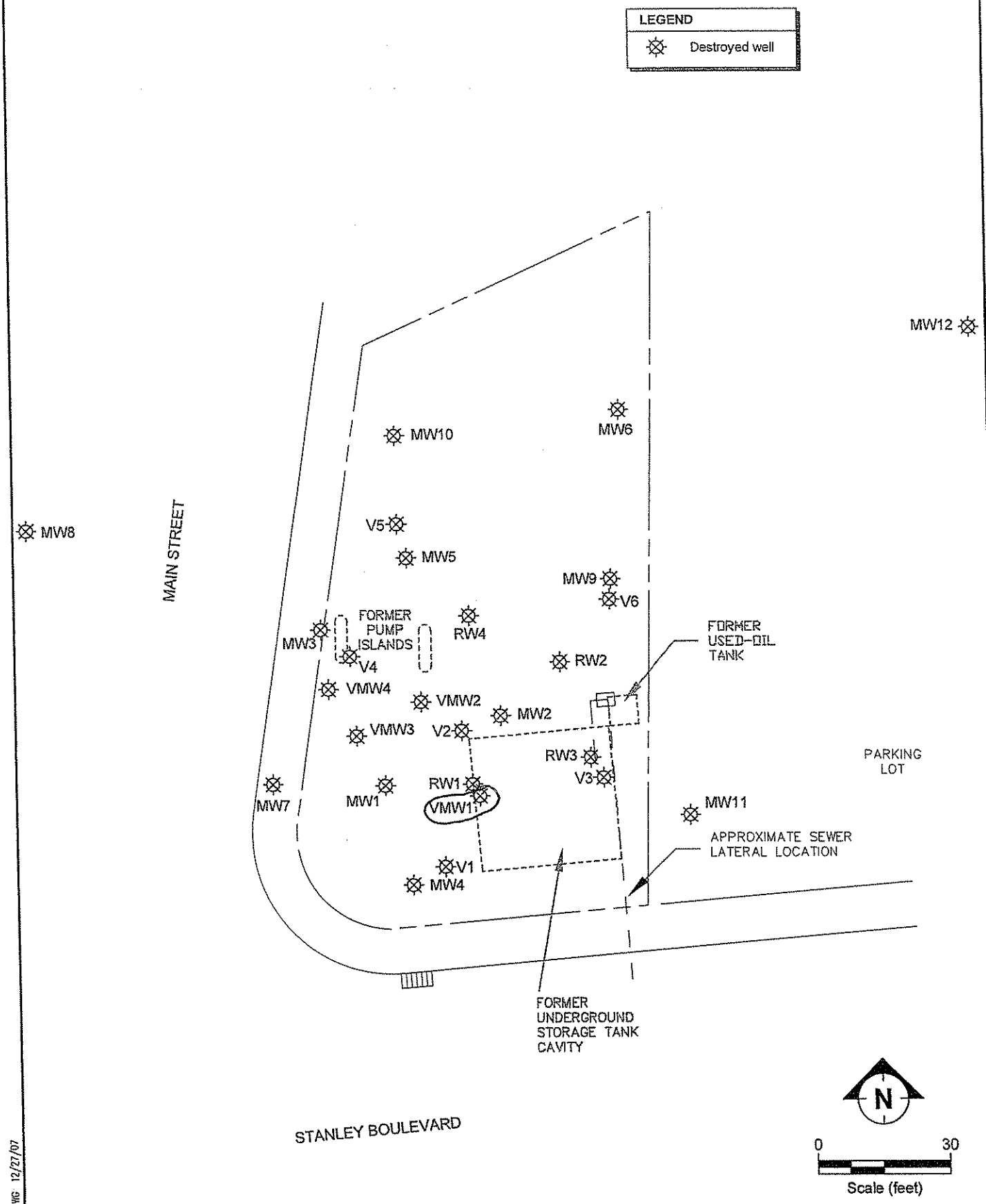
WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

VMW-1



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

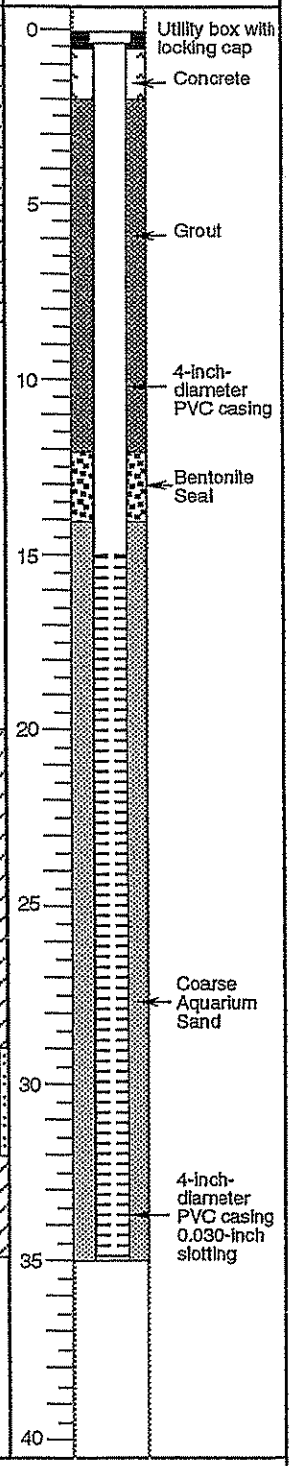
REMOVED

PROJECT NO.: 30-0065	DATE DRILLED: 11-15-93
LOCATION: Mobil Station 04-H6J	LOGGED BY: R. Scheele
1024 Main Street	APPROVED BY: J.A. Lehrman, R.G.
Pleasanton, California	DRILLING CO.: V & W Drilling

DRILLING METHOD: 10.25-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split-Spoon
TOTAL DEPTH: 35.0 feet DEPTH TO WATER: NA

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				0	Hand-augered to 5 feet.		
					Sandy gravel (Fill).	Fill	
9/12/14	200			5	SANDY CLAY: brown, soft, damp; fine-grained sand, well graded, with silt.		
8/10/16						CL	
4/9/12	300	ND					
8/10/13				10	SANDY SILT: brown, medium stiff, damp; fine-grained sand, well graded, some clay, trace pebbles to 0.25-inch-diameter, dark gray staining.		
5/9/11	275						
7/10/14					Dark gray; burrows.	ML	
5/7/8				15			
6/8/11	275						
3/4/6							
7/9/13				20			
6/7/11					SANDY CLAY: brown, medium stiff, damp; fine-grained sand, well graded, some silt, burrows.		
5/9/13	200	4.9					
2/4/5						CL	
3/4/7				25			
5/8/10							
7/11/15				30	SILTY SAND: brown, loose, damp; fine-grained, well graded.		
7/12/15	90% LEL	2,400				SM	
9/14/19					SANDY CLAY: brown, medium stiff, damp; fine-grained sand, well graded, some silt, burrows, trace gravel to 0.5-inch-diameter.	CL	
11/13/18				35			
				40			

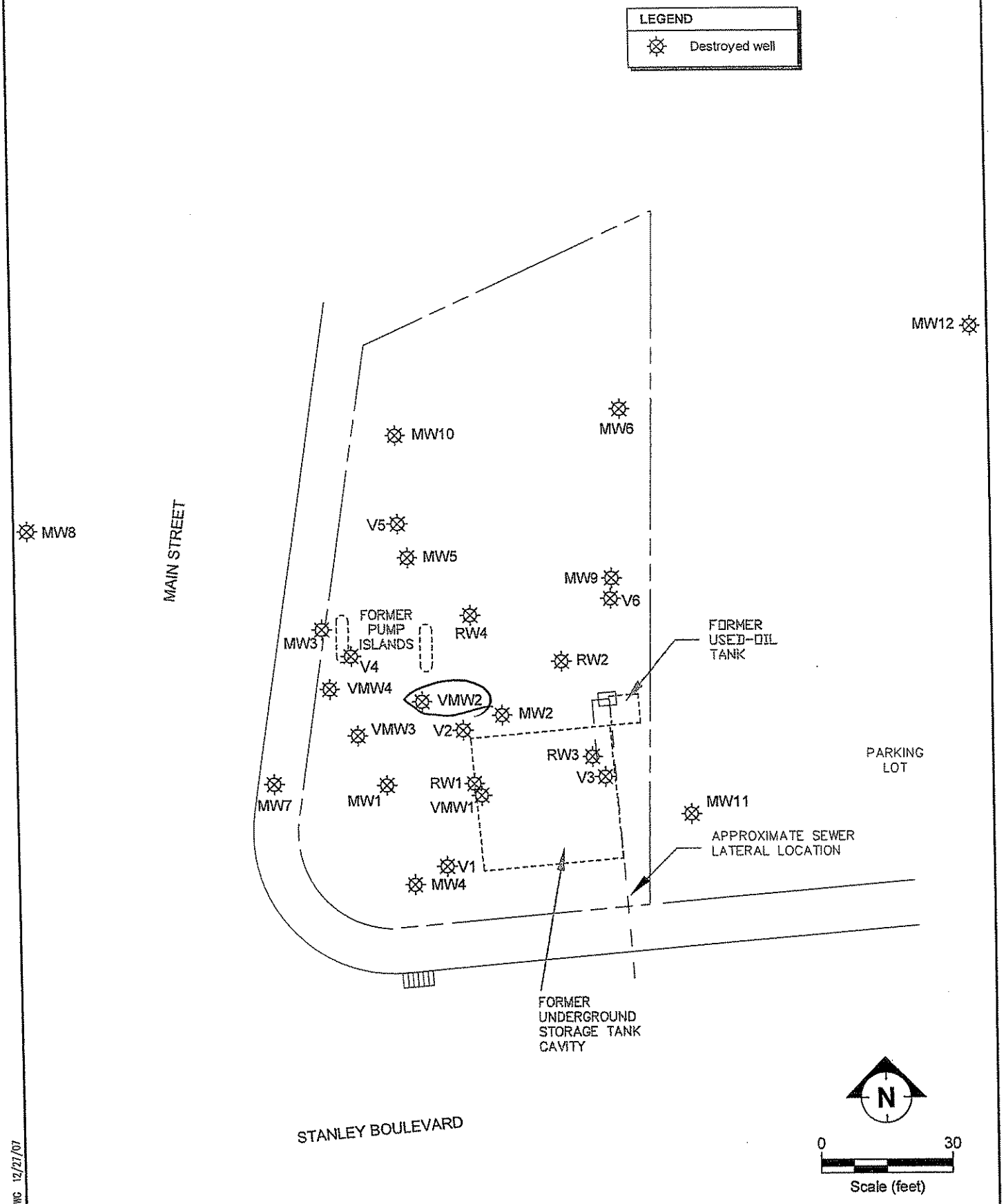
WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

VMW-2



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE:
1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

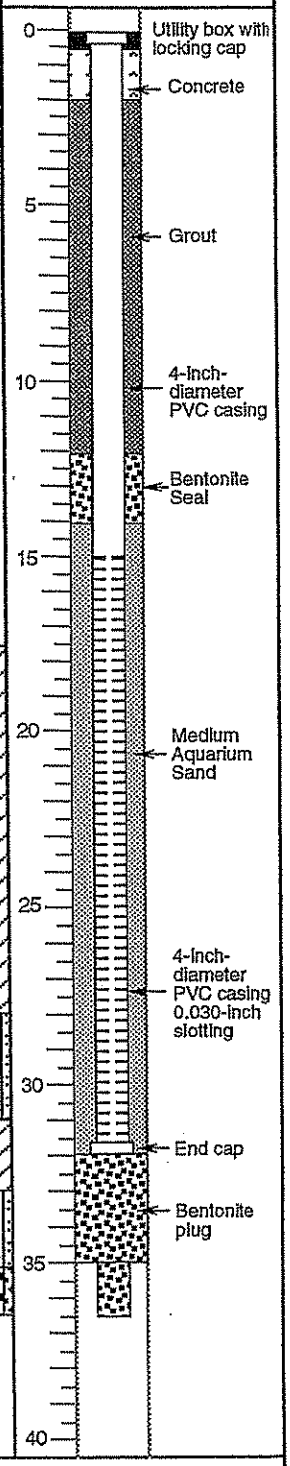
REMOVED

PROJECT NO.: 30-0065	DATE DRILLED: 11-16-93
LOCATION: Mobil Station 04-H6J	LOGGED BY: R. Scheele
1024 Main Street	APPROVED BY: J.A. Lehrman, R.G.
Pleasanton, California	DRILLING CO.: V & W Drilling

DRILLING METHOD: 10.25-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split-Spoon
TOTAL DEPTH: 36.5 feet DEPTH TO WATER: NA

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				0	Hand-augered to 5 feet.		
					Sand: light brown (Fill).	Fill	
3/4/5	200			5	SANDY SILT: dark brown, soft, damp; fine-grained sand, well graded, semi-angular pebbles to 0.25-inch-diameter.	ML	
8/4/7	200			10	Rootlets.		
					Burrows (horizontal and vertical).		
4/5/8	300			15			
	200	2.7		20	SANDY CLAY: brown, soft, damp; very fine-grained sand, well graded, trace of burrows, dark gray staining, some silt.	CL	
3/4/5							
4/5/6	8% LEL	9.3		25			
					SILTY SAND: brown, soft, damp; fine-grained, well graded, mottled, some clay.	SM	
6/7/10	5% LEL			30	SANDY CLAY: brown, soft, damp; fine-grained sand, well graded.	CL	
					SILTY SAND: dark gray, medium stiff; fine- to medium-grained.	SM	
12/19/22	250	0.98		35	SANDY GRAVEL: gray, loose, damp; medium- to very coarse-grained, well graded, semi-angular to semi-rounded gravel to 1.0-inch-diameter.	GM	
				40			

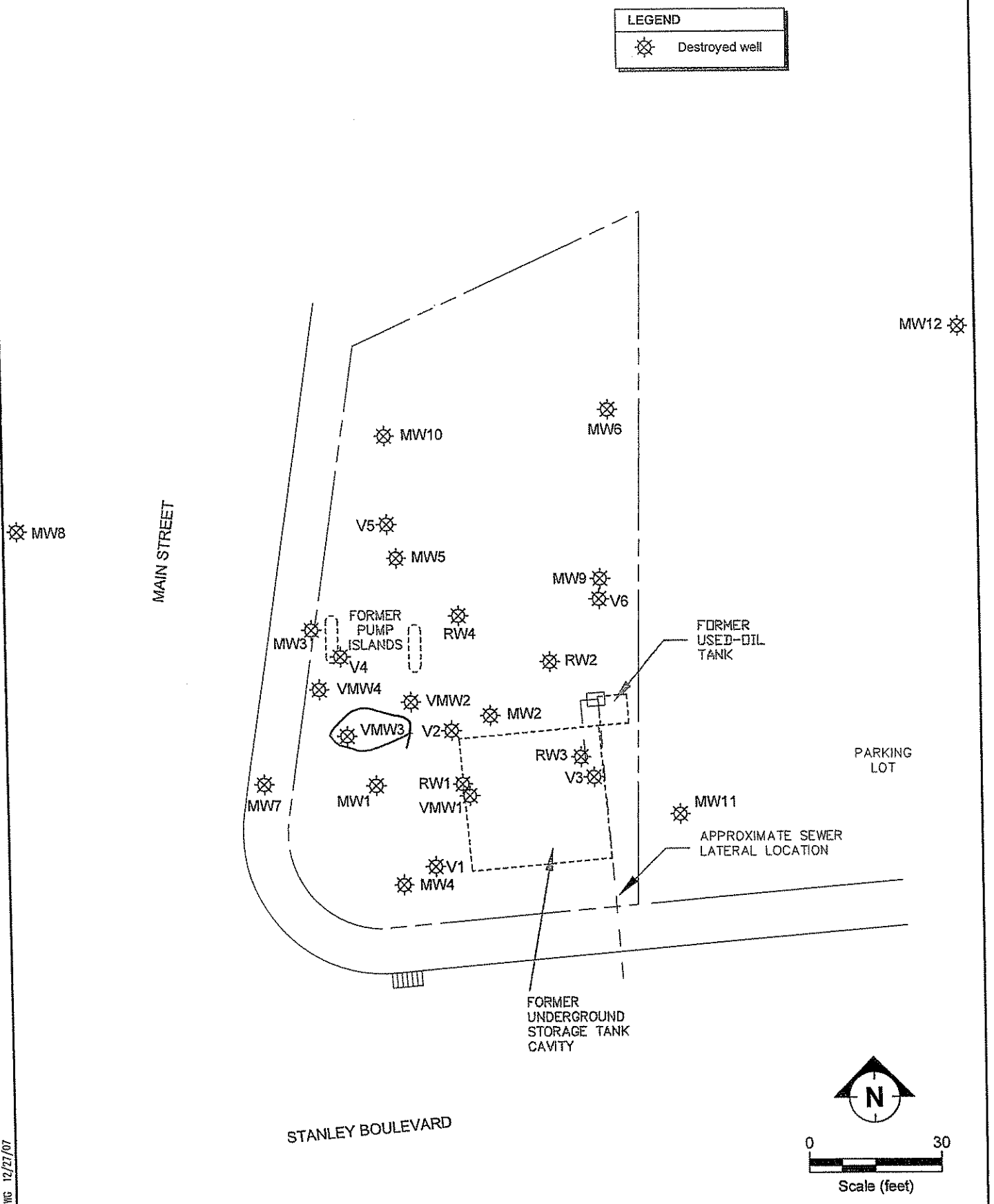
WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

VMW-3
PAGE 1 OF 1



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

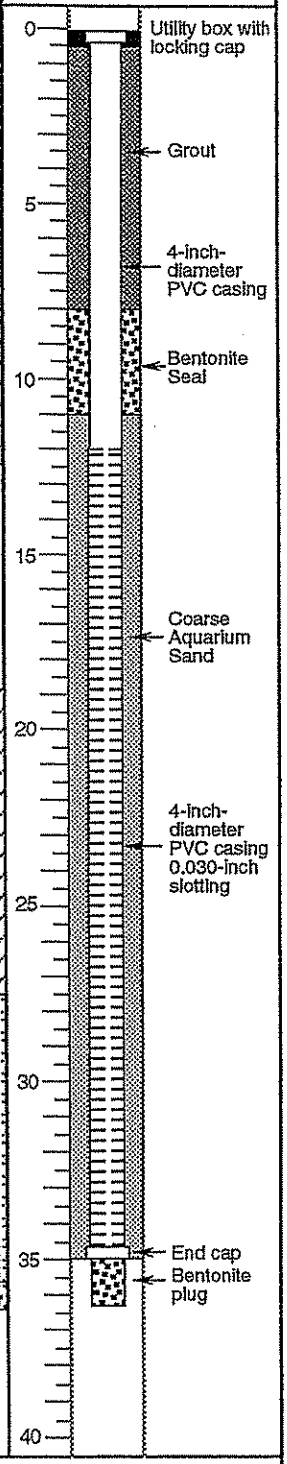
REMOVED

PROJECT NO.:	30-0065	DATE DRILLED:	11-16-93
LOCATION:	Mobil Station 04-H6J	LOGGED BY:	R. Scheele
	1024 Main Street	APPROVED BY:	J.A. Lehrman, R.G.
	Pleasanton, California	DRILLING CO.:	V & W Drilling

DRILLING METHOD: 10.25-inch Hollow-Stem Auger
SAMPLER TYPE: California Modified Split-Spoon
TOTAL DEPTH: 36.5 feet DEPTH TO WATER: NA

BLOWS PER 6 INCHES	CGI (ppm)	TPH-G (ppm)	SAMPLE	DEPTH (feet below grade)	DESCRIPTION	USCS	LITHOLOGY
				0	Hand-augered to 5 feet.		
					SANDY GRAVEL (Fill).	Fill	
10/16/8				5			
				10	SANDY CLAY: dark brown, soft, damp; well graded, trace of semi-round pebbles to 0.5-inch-diameter, trace of burrows, some silt.	CL	
2/2/3	275	680					
				15	SANDY SILT: brown, soft, damp; well graded, some clay, trace of burrows, with clay.	ML	
3/3/4	25% LEL						
3/3/5				20	SANDY CLAY: brown, soft, damp; well graded, with gray burrows, trace silt.	CL	
4/5/7	70% LEL	1,700					
4/5/9	50% LEL			25			
					SILTY SAND: brown, loose, damp; medium graded, very fine grained, some clay.	SM	
5/9/10	60% LEL			30			
					Dark gray, trace clay.		
				35	SANDY GRAVEL: gray, loose, damp; medium-coarse to very coarse-grained sand, well graded, semi-angular to semi-rounded gravel to 1-inch-diameter.	GM	
10/16/18	20% LEL	630					
				40			

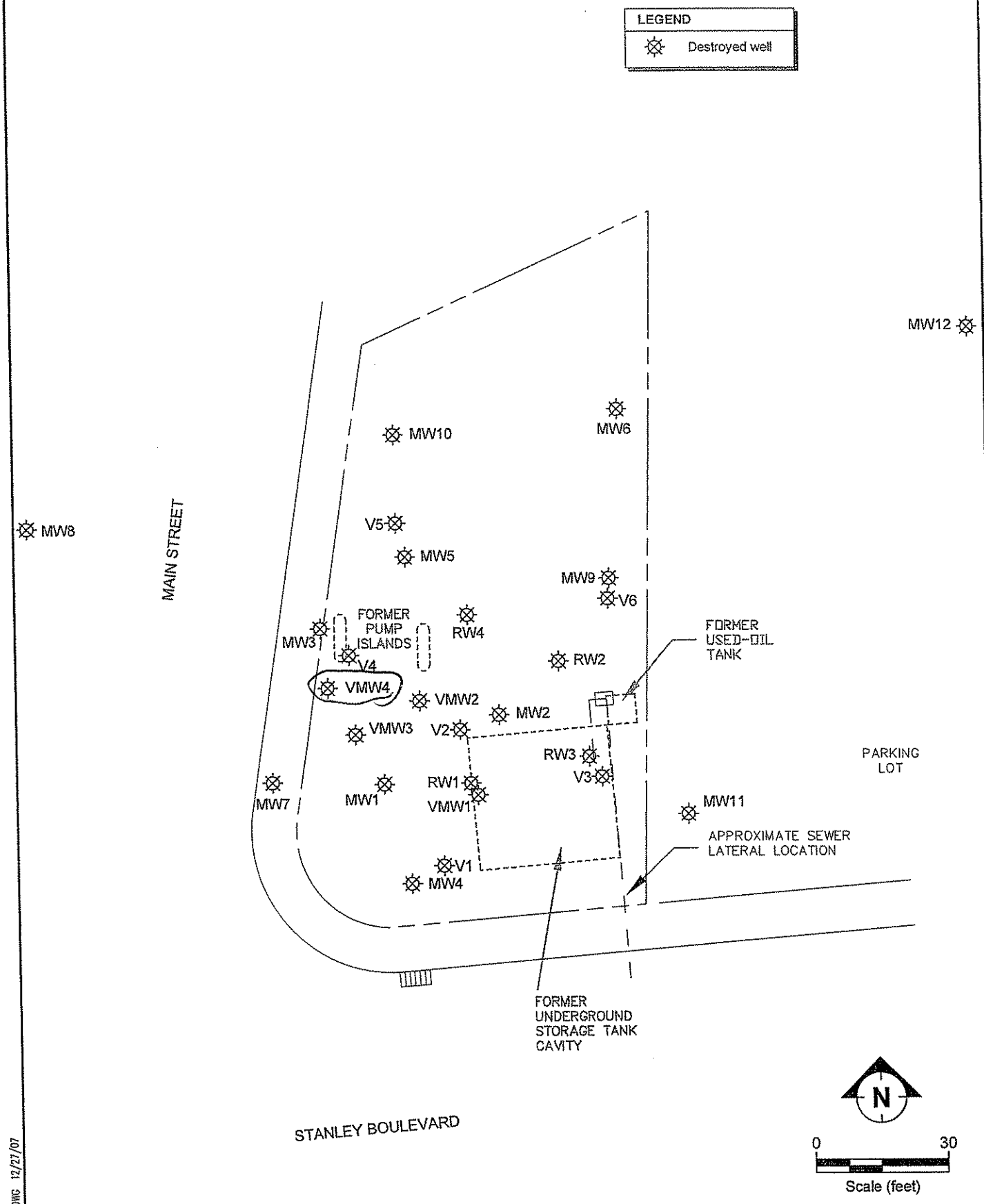
WELL CONSTRUCTION DETAIL



ALTON GEOSCIENCE
Livermore, California

LOG OF EXPLORATORY BORING

VMW-4



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

ETIC ENGINEERING

CLIENT	SITE NUMBER	LOCATION
ExxonMobil Oil Corp.	04H6J	1024 Main Street Pleasanton, California

LOG OF SOIL BORING: **V1**

COORDINATES: N2067950.4 :E6164178
ELEVATION TOP OF CASING:
CASING BELOW SURFACE: -351.12

DRILLING COMPANY: Vironex
LICENSE NUMBER: C57-705927

DRILLING AND SAMPLING METHODS: Borehole cleared to 6 feet bgs using a 6-inch hand auger. Sampled with a slide hammer and 6-inch long liners.

				START	FINISH
WATER LEVEL					
TIME				TIME 1130	TIME 1320
DATE				DATE 6/29/09	DATE 6/29/09
REFERENCE					

SURFACE CONDITIONS: Asphalt

DESCRIPTION BY: Yuko Mamiya

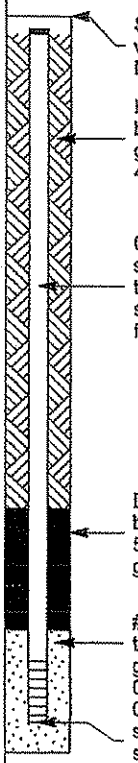
INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG
				0					AC/AB
				1					SC
				2					
				3					
				4					
6	6			5					
6	6			6					
				7					
				8					
				9					
				10					

ASPHALT to 2 inches below ground surface.
AGGREGATE BASE from 2 inches to 1 foot below ground surface.

CLAYEY SAND - dark brown (10YR 3/3), medium dense, fine grained, slightly moist.

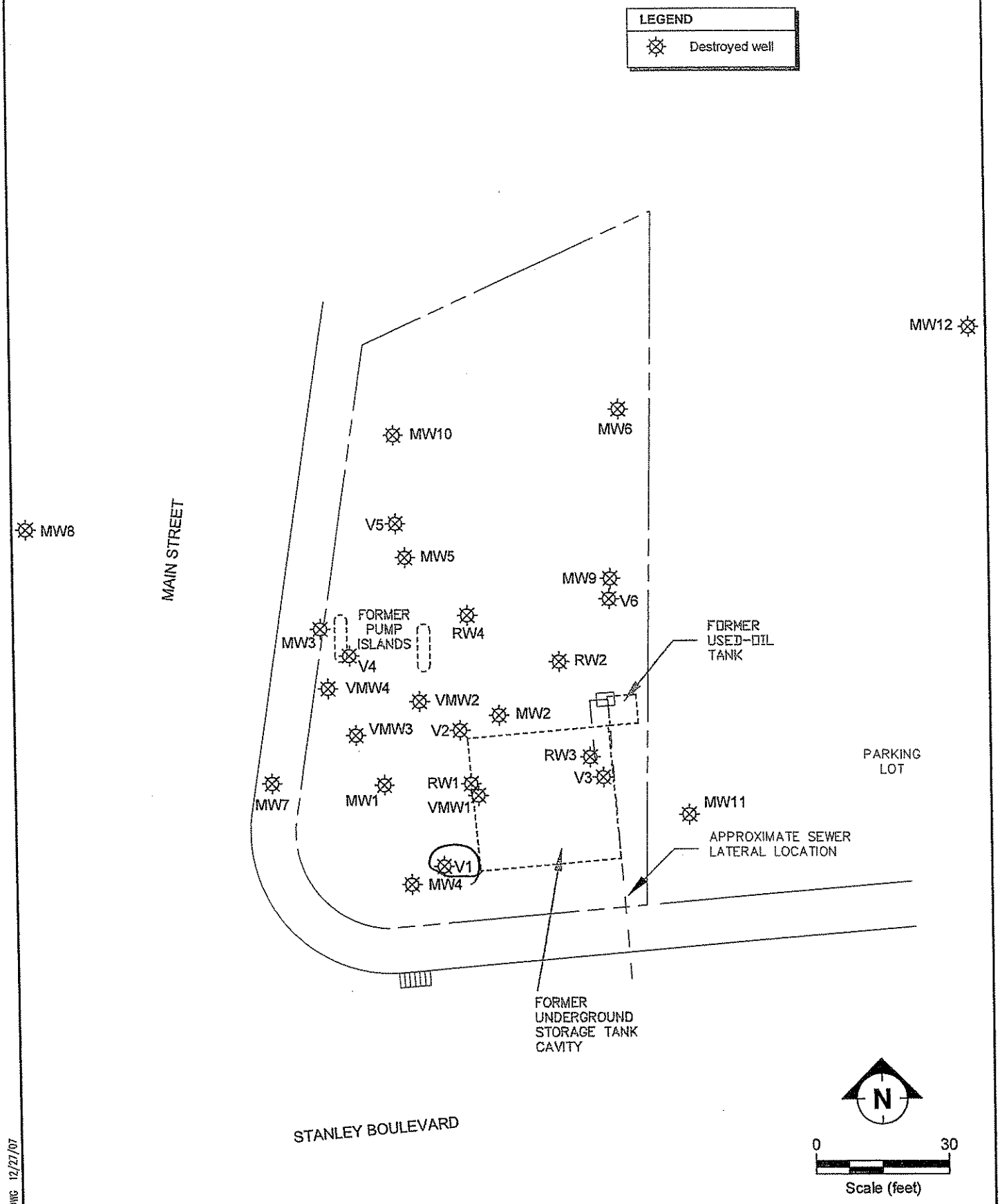
Boring terminated at 6 feet below ground surface.

DETAILS



- Single bolt, watertight, Morrison well box
- Hydrated granular bentonite from ground surface to 4 feet
- 0.25-inch diameter stainless steel tubing from ground surface to 5.25 feet
- Dry granular bentonite from 4 to 5 feet below ground surface
- #2/12 Sand from 5 to 6 feet below ground surface
- 0.4-inch diameter, 0.0057-inch slot, stainless steel screen from 5.25 to 5.75 feet below ground surface.

LOG OF SOIL BORING 04H6J.GPJ ETIC.GDT 9/25/09



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE:
1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

ETIC ENGINEERING

CLIENT	SITE NUMBER	LOCATION
ExxonMobil Oil Corp.	04H6J	1024 Main Street Pleasanton, California

LOG OF SOIL BORING: **V2**

DRILLING AND SAMPLING METHODS: Borehole cleared to 6 feet bgs using a 6-inch hand auger. Sampled with a slide hammer and 6-inch long liners.

COORDINATES: N2067981 :E6164182.1
ELEVATION TOP OF CASING:
CASING BELOW SURFACE: -351.53

DRILLING COMPANY: Vironex
LICENSE NUMBER: C57-705927

				START	FINISH
WATER LEVEL					
TIME				TIME 1050	TIME 1120
DATE				DATE 6/29/09	DATE 6/29/09
REFERENCE					

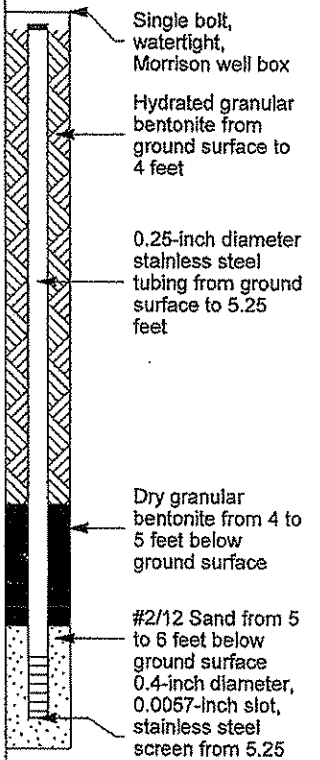
SURFACE CONDITIONS: Asphalt

DESCRIPTION BY: Yuko Mamiya

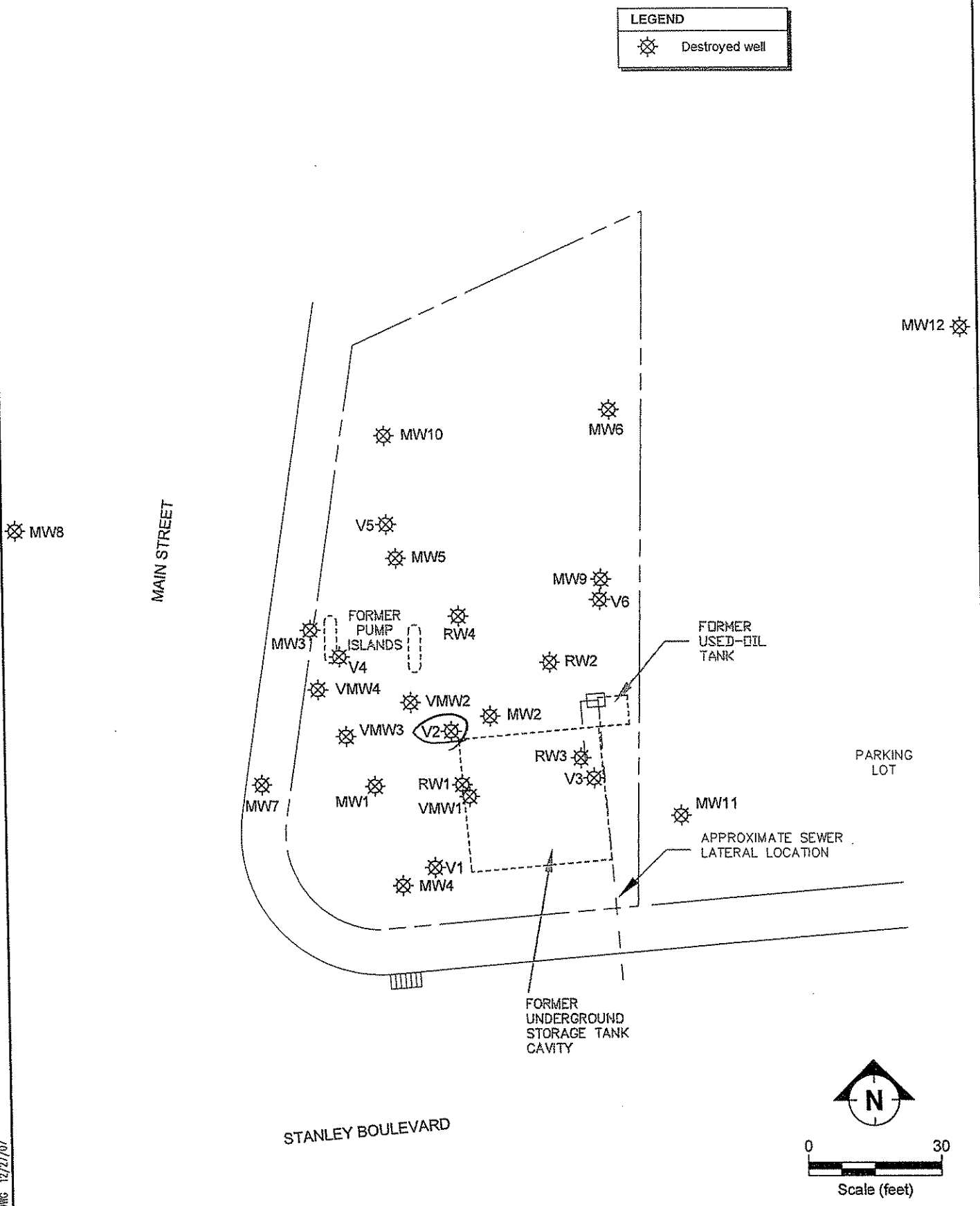
INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	AC/AB	**ASPHALT** to 2 inches below ground surface. **AGGREGATE BASE** from 2 inches to 1 foot below ground surface.
				1		**CLAYEY SILT** - olive brown (2.5Y 4/4), medium stiff, low plasticity, slightly moist.
				2		
				3	ML	
				4		
				5		
6	6					
6	6			6		Boring terminated at 6 feet below ground surface.
				7		
				8		
				9		
				10		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

DETAILS



LOG OF SOIL BORING 04H6J.GPJ ETIC.GDT 9/25/09



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

ETIC ENGINEERING

CLIENT	SITE NUMBER	LOCATION
ExxonMobil Oil Corp.	04H6J	1024 Main Street Pleasanton, California

LOG OF SOIL BORING: **V3**

COORDINATES: N2067970.4 :E6164214.4
ELEVATION TOP OF CASING:
CASING BELOW SURFACE: -351.58

DRILLING COMPANY: Vironex
LICENSE NUMBER: C57-705927

DRILLING AND SAMPLING METHODS: Borehole cleared to 6 feet bgs using a 6-inch hand auger. Sampled with a slide hammer and 6-inch long liners.

				START	FINISH
WATER LEVEL					
TIME				TIME 1330	TIME 1420
DATE					
REFERENCE				DATE 6/29/09	DATE 6/29/09

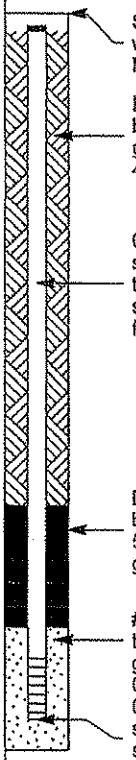
SURFACE CONDITIONS: Asphalt

DESCRIPTION BY: Yuko Mamiya

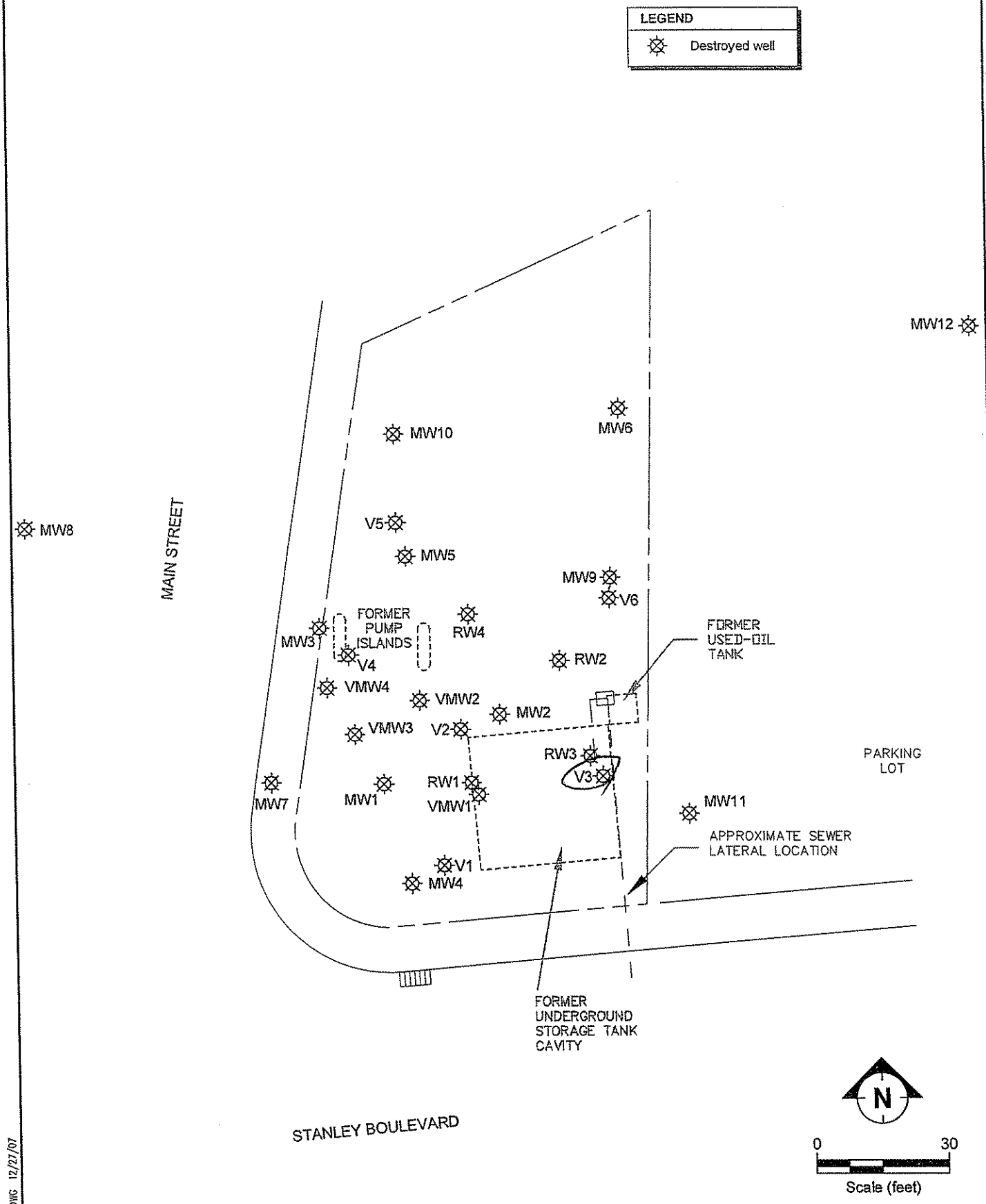
INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	AC/AB	**ASPHALT** to 2 inches below ground surface. **AGGREGATE BASE** from 2 inches to 1 foot below ground surface.
				1	ML	**SANDY SILT** - dark brown (10YR 3/3), medium stiff, low plasticity, sine to medium grained sand, slightly moist.
				2		
				3		
				4		
				5	ML	**CLAYEY SILT** - dark grayish brown (2.5Y 4/2), soft to medium stiff, low plasticity, slightly moist.
6	6			6		Boring terminated at 6 feet below ground surface.
6	6					
				7		
				8		
				9		
				10		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

DETAILS



LOG OF SOIL BORING 04H6J.GPJ ETIC.GDT 9/25/09



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

ETIC ENGINEERING

CLIENT	SITE NUMBER	LOCATION
ExxonMobil Oil Corp.	04H6J	1024 Main Street Pleasanton, California

LOG OF SOIL BORING: **V4**

COORDINATES: N2067998 :E6164157
ELEVATION TOP OF CASING:
CASING BELOW SURFACE: -351.09

DRILLING COMPANY: Vironex
LICENSE NUMBER: C57-705927

DRILLING AND SAMPLING METHODS: Borehole cleared to 6 feet bgs using a 6-inch hand auger. Sampled with a slide hammer and 6-inch long liners.

				START	FINISH
WATER LEVEL					
TIME				TIME 0945	TIME 1040
DATE				DATE 6/29/09	DATE 6/29/09
REFERENCE					

SURFACE CONDITIONS: Asphalt

DESCRIPTION BY: Yuko Mamiya

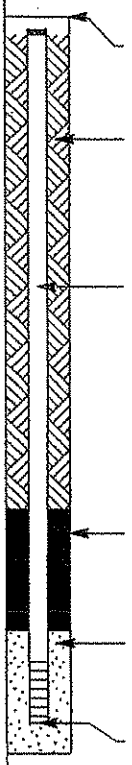
INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG
				0					AC/AB
				1					FILL
				2					
				3					
				4					
				5					
6	6								
6	6			6					
				7					
				8					
				9					
				10					

ASPHALT to 2 inches below ground surface. **AGGREGATE BASE** from 2 inches to 1 foot below ground surface.

SANDY GRAVEL [BACKFILL MATERIAL] - dark grayish brown (2.5Y 4/2), soft, gravels up to 1 inch in diameter, slightly moist.

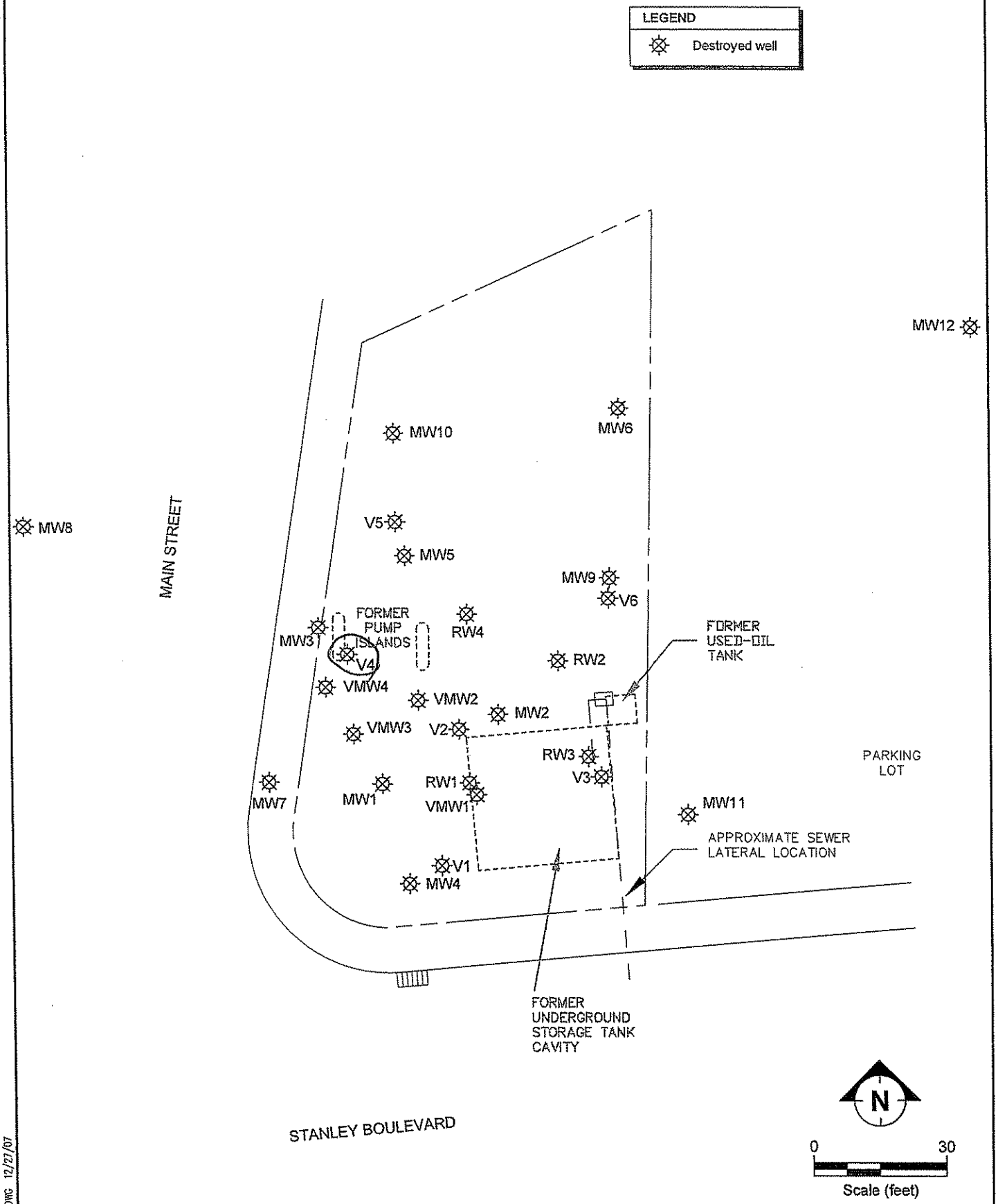
Boring terminated at 6 feet below ground surface.

DETAILS



- Single bolt, watertight, Morrison well box
- Hydrated granular bentonite from ground surface to 4 feet
- 0.25-inch diameter stainless steel tubing from ground surface to 5.25 feet
- Dry granular bentonite from 4 to 5 feet below ground surface
- #2/12 Sand from 5 to 6 feet below ground surface 0.4-inch diameter, 0.0057-inch slot, stainless steel screen from 5.25 to 5.75 feet below ground surface.

LOG OF SOIL BORING 04H6J.GPJ ETIC.GDT 9/25/09



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

ETIC ENGINEERING

CLIENT	SITE NUMBER	LOCATION
ExxonMobil Oil Corp.	04H6J	1024 Main Street Pleasanton, California

LOG OF SOIL BORING: **V5**

DRILLING AND SAMPLING METHODS: Borehole cleared to 6 feet bgs using a 6-inch hand auger. Sampled with a slide hammer and 6-inch long liners.

COORDINATES: N2068027.7 :E6164168
ELEVATION TOP OF CASING:
CASING BELOW SURFACE: -351.16

DRILLING COMPANY: Vironex
LICENSE NUMBER: C57-705927

				START	FINISH
WATER LEVEL					
TIME				TIME 0850	TIME 0930
DATE				DATE 6/29/09	DATE 6/29/09
REFERENCE					

SURFACE CONDITIONS: Asphalt

DESCRIPTION BY: Yuko Mamiya

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG
				0				AC/AB
				1				
				2				
				3				ML
				4				
6	6			5				
6	6			6				
				7				
				8				
				9				
				10				

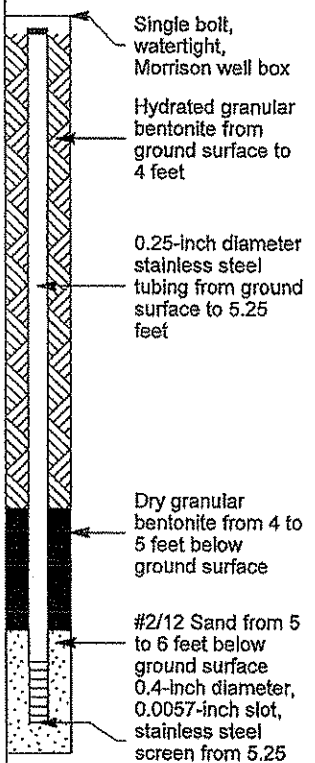
ASPHALT to 5 inches below ground surface.

AGGREGATE BASE from 5 inches to 1 foot below ground surface.

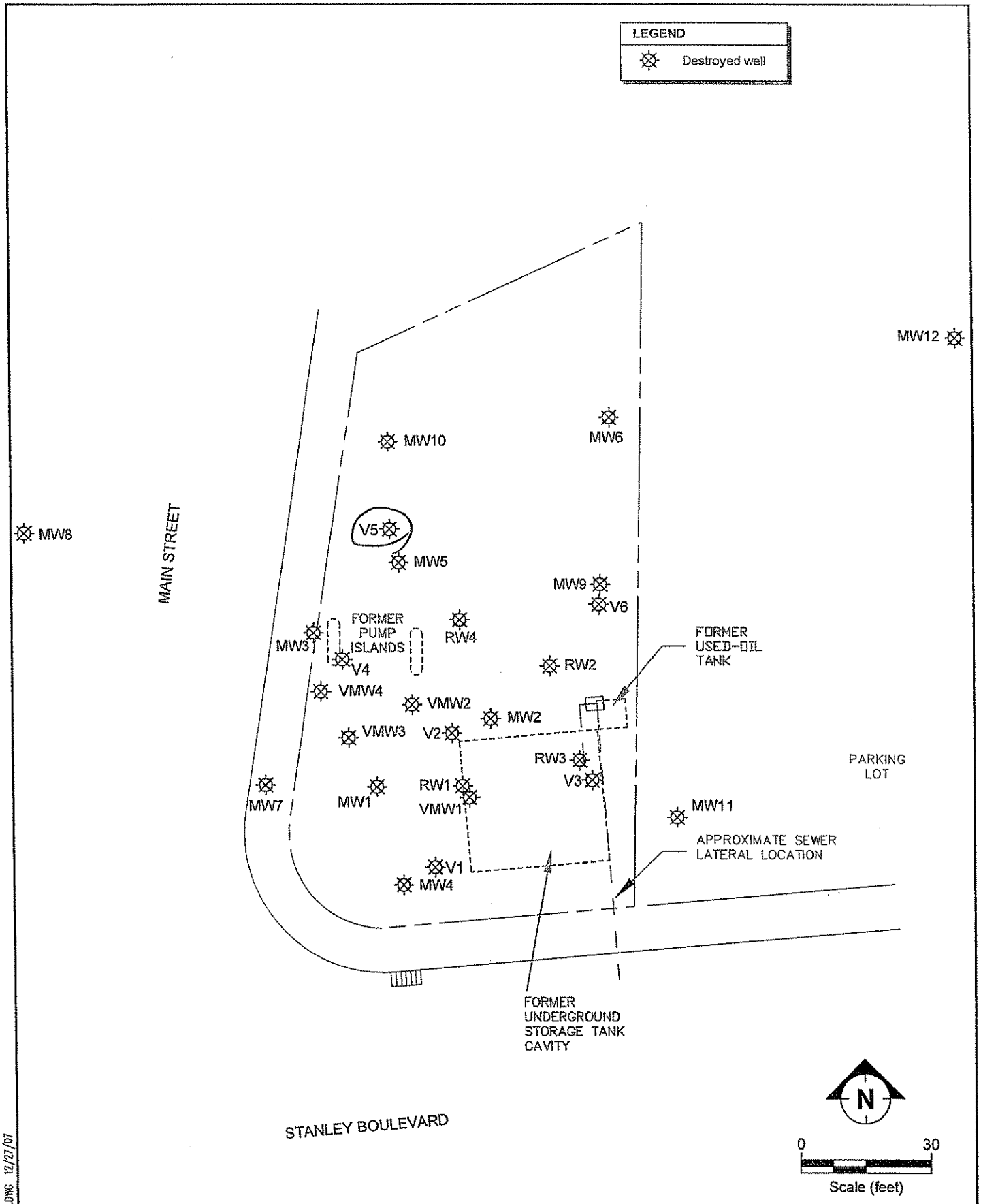
ASPHALT from 12 inches to 14 inches below ground surface.
CLAYEY SILT - dark grayish brown (2.5Y 4/2), soft to medium stiff, low plasticity, slightly moist.

Boring terminated at 6 feet below ground surface.

DETAILS



LOG OF SOIL BORING 04H6J.GPJ ETIC.GDT 9/25/09



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

ETIC ENGINEERING

CLIENT	SITE NUMBER	LOCATION
ExxonMobil Oil Corp.	04H6J	1024 Main Street Pleasanton, California

LOG OF SOIL BORING: **V6**

DRILLING AND SAMPLING METHODS: Borehole cleared to 6 feet bgs using a 6-inch hand auger. Sampled with a slide hammer and 6-inch long liners.

COORDINATES: N2068010.6 :E6164216
ELEVATION TOP OF CASING:
CASING BELOW SURFACE: -351.67

DRILLING COMPANY: Vironex
LICENSE NUMBER: C57-705927

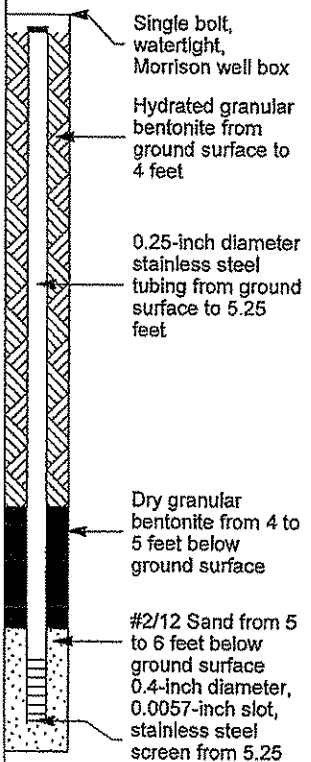
				START	FINISH
WATER LEVEL					
TIME				TIME 0900	TIME 1045
DATE				DATE 7/2/09	DATE 7/2/09
REFERENCE					

SURFACE CONDITIONS: Asphalt

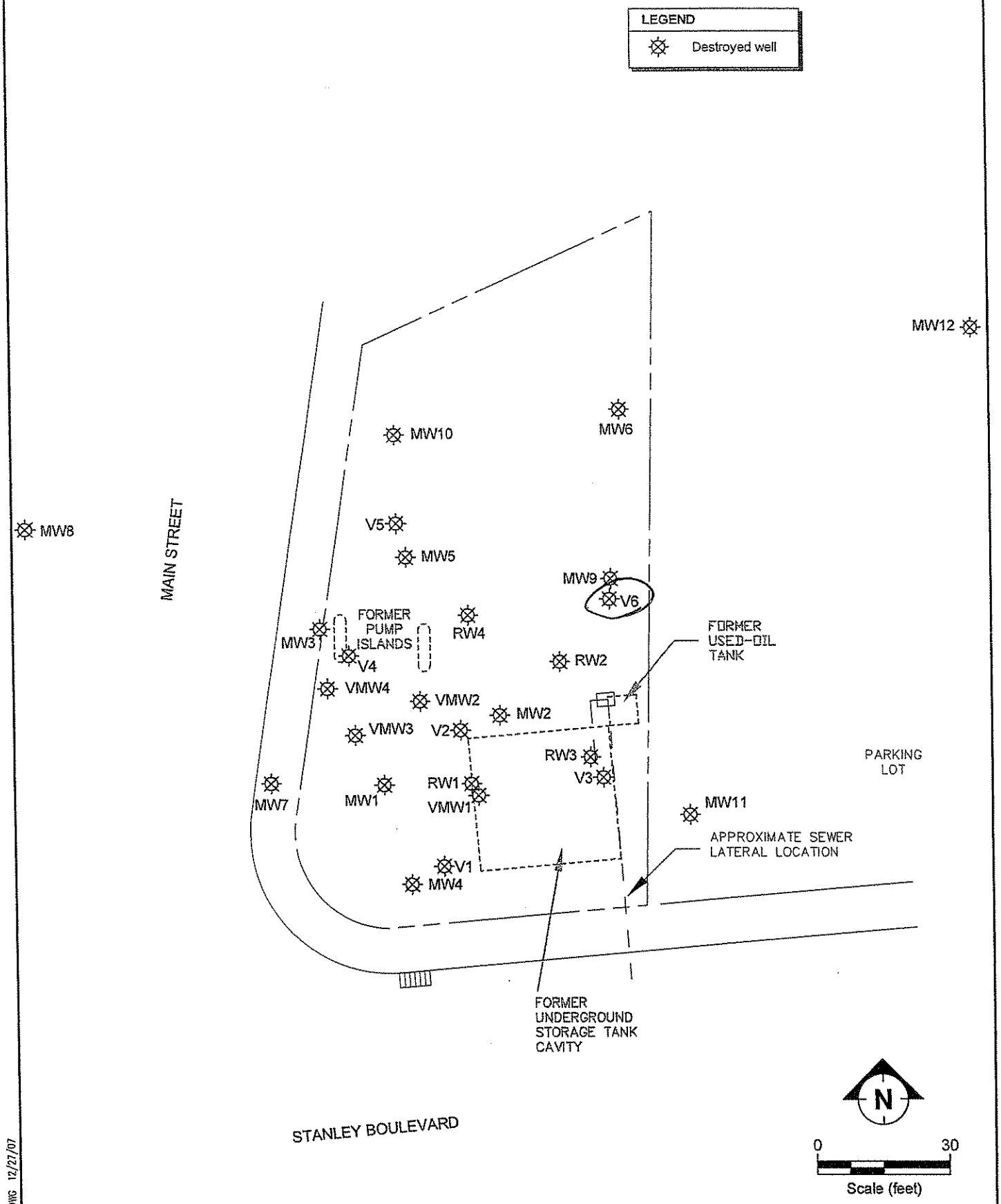
DESCRIPTION BY: Yuko Mamiya

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG	DESCRIPTION
				0				AC/AB	**ASPHALT** to 0.25 feet below ground surface.
				1				CL	**GRAVELLY CLAY WITH SILT AND SAND** - dark yellowish brown (10YR 4/4), medium stiff, low plasticity, slightly moist.
				2					
				3					
				4				ML	**CLAYEY SILT WITH TRACE SAND** - dark yellowish brown (10YR 4/4), soft, low plasticity, fine grained sand, slightly moist.
6	6			5					
6	6			6					Boring terminated at 6 feet below ground surface.
				7					
				8					
				9					
				10					

DETAILS



LOG OF SOIL BORING 04H6J.GPJ ETIC.GDT 9/25/09



FILENAME: BASEMAP0507.DWG 12/27/07

ETIC ENGINEERING

SITE MAP
FORMER MOBIL STATION 04H6J
1024 MAIN STREET
PLEASANTON, CALIFORNIA

FIGURE: 1

Well Destruction Permits

ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 245-9306
E-MAIL whong@zone7water.com

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT Former Mobil 04H6J
1024 Main Street
Pleasanton, CA 94566

Coordinates Source _____ ft. Accuracy _____ ft.
LAT: _____ ft. LONG: _____ ft.
APN 094-0199-001-07

CLIENT
Name ExxonMobil Environmental Services Company
Address 4096 Piedmont Ave. #194 Phone (510) 547-8196
City Oakland Zip 94611

APPLICANT
Name Cascade Drilling, LP
Email _____ Fax 916-638-5611
Address 3632 Omec Circle Phone 916-638-1169
City Rancho Cordova Zip 95742

TYPE OF PROJECT:

Well Construction	__	Geotechnical Investigation	__
Well Destruction	X	Contamination Investigation	__
Cathodic Protection	__	Other _____	__

PROPOSED WELL USE:

Domestic	__	Irrigation	__
Municipal	__	Remediation	__
Industrial	__	Groundwater Monitoring	__
Dewatering	__	Other _____	__

DRILLING METHOD:
Mud Rotary __ Air Rotary __ Hollow Stem Auger __
Cable Tool __ Direct Push __ Other _____ __

DRILLING COMPANY Cascade Drilling, LP

DRILLER'S LICENSE NO. C57-938110

WELL SPECIFICATIONS: See attached well details.
Drill Hole Diameter _____ in. Maximum
Casing Diameter _____ in. Depth _____ ft.
Surface Seal Depth _____ ft. Number 25 (MW1-MW8, MW10-MW12, RW1-RW4, VMW1-VMW4, and V1-V5)

SOIL BORINGS:
Number of Borings _____ Maximum
Hole Diameter _____ in. Depth _____ ft.

ESTIMATED STARTING DATE 15 June 2010
ESTIMATED COMPLETION DATE 17 June 2010

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE _____ Date 5/25/10

ATTACH SITE PLAN OR SKETCH

FOR OFFICE USE

PERMIT NUMBER 2010055
WELL NUMBER MW1-MW12; RW1-RW4, VMW1-VMW4 & V1-V6
APN 094-0199-001-07

PERMIT CONDITIONS
(Circled Permit Requirements Apply)

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to your proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report (DWR Form 188), signed by the driller.
3. Permit is void if project not begun within 90 days of approval date.
4. Notify Zone 7 at least 24 hours before the start of work.

B. WATER SUPPLY WELLS
1. Minimum surface seal diameter is four inches greater than the well casing diameter.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. Grout placed by tremie.
4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
5. A sample port is required on the discharge pipe near the wellhead.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
3. Grout placed by tremie.

D. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

(F.) WELL DESTRUCTION. See attached.

G. SPECIAL CONDITIONS. Submit to Zone 7 within 60 days after completion of permitted work the well installation report including all soil and water laboratory analysis results.

Approved Wyman Hong Date 6/11/10
Wyman Hong

Revised: January 4, 2010

June 14, 2010

Zone 7
Water Resources Engineering
Groundwater Protection Ordinance

ExxonMobil Environmental Services Company
1024 Main Street
Pleasanton
Wells MW1 to MW12, RW1 to RW4, VMW1 to VMW4 and V1 to V6
Permit 2010055

Preliminary Destruction Requirements:

1. Remove from the well any pump, appurtenances, debris, or other materials.

2. Sound the well as deeply as practicable and record for your report.

3. Fill casing with neat cement or cement grout sealing material to two feet below the finished grade and pressurize to 25 psi and maintain for 5 minutes, forcing the sealing material through the existing perforations and into the surrounding formation.

4. Release the pressure and refill the empty portion of the casing with grouting material allowing it to spill over the top of the casing to form a cap.

5. Cut and remove any casing(s) to two feet below the finished grade or original ground, whichever is the lower elevation.

6. After seal has set, backfill the remaining hole with compacted material.