

CALIFORNIA GEOPHYSICAL GROUP, INC.

12709 Poway Road, Suite 202, Poway, CA 92064

Tel: (619) 486-1323

June 7, 1991

91 JUN 10 PM 1:23

Mr. Scott Seery
Dept. of Environmental Health
80 Swan Way Rm 200
Oakland, Ca. 94621

Dear Mr. Seery:

Believe it or not I have just received the Chain of Custodies inclosed, which were requested shortly after the receipt of your letter.

In answer to your letter of April 19, 1991, I wish to inform you that the sieve analysis mentioned in our February 13, 1991 report was performed by our geologist Dr. Richard Merriam CEG 850. He did not sign the report because it was more convenient to have Mr. Steensma sign it.

I am inclosing my Statement of Qualifications. This is not a resume and only includes the education and work experiences related to soil and groundwater types of investigations. This SOQ can be used by your office to evaluate my capabilities. I will be interested to know if Petroleum Engineers, such as myself, have sufficient intelligence to calculate the flow of fluids in the subsurface and design wells and borings as prescribed in California Department of Water Resources Bulletin 74-81 and 74-90.

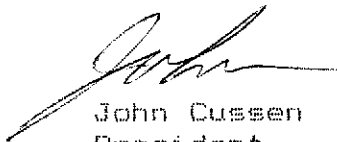
Your letter requests the Chain of Custodies for the past two sampling periods. Inclosed are the Chain of Custodies for 7/20/90, 8/23/90, 9/27/90, 1/14/91. These were the sampling dates for those reports.

Inclosed are the water table elevation maps for 12/17/90, and 1/14/90 as solved by the standard 3 point plane process.

Inclosed is a map of the area we plan to cover with a Electromagnetic Induction Survey, if in fact we ever perform it.

If you have any further questions or comments we welcome them.

Yours truly,



John Cussen
President

6-12-91
Rec. in response
to 19 Apr 91
correspondence.
SOS

CALIFORNIA GEOPHYSICAL GROUP, INC.

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STATEMENT OF QUALIFICATIONS

FOR

JOHN CUSSEN

REA # 1979

EDUCATION:

Bachelor of Science- Petroleum Engineering,
Colorado School of Mines, 1961

Groundwater Hydrology- UC San Diego, 1989 (Copy of course
completion attached)

WORK EXPERIENCE:

Halliburton Well Services, 1959-1962

Petroleum Engineer - design and implementation of cementing,
fracturing, and testing oil & gas wells.

Amjon Exploration Co. 1963-1979

Petroleum Engineer - Supervized all geologic and geophysical
surveys over various areas covering
approximately 1/3 of the country of
Nicaragua.

California Geophysical Group, Inc. 1988- Present

President- Managing all company projects, which have include
10 Phase 2 site assessments, one of which has
reached closure by the County Health Dept. The
sites are located in 6 counties in California
The contaminants have been hydrocarbon fuels
and organic solvents.

INSTRUCTIONS:

1. Neither transcripts nor grade reports are sent automatically to you at the end of a class. If you wish a grade report please complete the statement below.
2. Place stamp and enter name and address on front of postcard. If you wish grade information kept confidential, you must supply a self-addressed, stamped envelope with this card.
3. Give this Grade Report Card to your instructor before the last class meeting.

John Cussen.

NAME OF STUDENT

Groundwater Hydrology E4013

COURSE TITLE AND NUMBER

1982.

YEAR

June 26, 1989

BEGINNING DATE

3

QUARTER UNITS

TO BE COMPLETED BY INSTRUCTOR

FINAL EXAMINATION GRADE

NP

FINAL COURSE GRADE

A

Dr. David R. Hargis

INSTRUCTOR'S SIGNATURE

8-5-89

DATE

NOTE: Grade A, excellent; B, good; C, fair; D, barely passed; F, failure; I, incomplete; P, passed; NP, not passed.
THIS IS NOT AN OFFICIAL TRANSCRIPT.

CHAIN OF CUSTODY REPORT

SENT BY: XEROX Telecopier 70111 0-1111 1-1111

CLIENT: <u>Xtra oil</u>				REPORT TO:				TURNAROUND TIME:					
ADDRESS:				BILLING TO:				24 HR.		48 HR.		72 HR.	
PHONE:				POW/BILLING REFERENCE:				5 DAY		10 DAY		15 DAY <input checked="" type="checkbox"/>	
PROJECT NAME/SITE:				ANALYSIS REQUESTED				REMARKS				SAMPLE NUMBER	
SAMPLER: <u>E. Swin</u>		DATE: <u>1-14-91</u>											
SAMPLE ID/ STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	Gas				Diesel				
Well # 1	H ₂ O	4	3 Vials 1L Amb	1:35 PM 1-14-91									1011319
Well # 2	H ₂ O	4	3 Vials 1L Amb	3:45 PM 1-14-91									1011320
Well # 2	H ₂ O	4	3 Vials 1L Amb	5:01 PM 1-14-91									1011321
RELINQUISHED BY:				DATE:	TIME:	RECEIVED BY:				TRAVEL TIME: <u>45 mins</u>			
RELINQUISHED BY:				DATE:	TIME:	RECEIVED BY:				ON SITE TIME: <u>6 hrs 45 mins</u>			
RELINQUISHED BY: <u>E. Swin</u>				DATE: <u>1/14/91</u>	TIME: <u>6:37 AM</u>	RECEIVED IN LAB BY: <u>Bert Stanger</u>				OTHER:		WERE SAMPLES:	
										PRESERVED ?		YES	NO
										IN GOOD CONDITION?			

CHAIN OF CUSTODY REPORT

AGENT:	REPORT TO:	TURNAROUND TIME:		
ADDRESS:	BILLING TO:	24 HR.	48 HR.	72 HR.
PHONE:	POW/BILLING REFERENCE:	5 DAY	10 DAY	15 DAY

PROJECT NAME/SITE:	ANALYSIS REQUESTED	REMARKS	SAMPLE NUMBER
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SAMPLE ID# / STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	ANALYSIS REQUESTED	REMARKS	SAMPLE NUMBER
MW-1	H ₂ O	3	PL VIAL	7/20/90 10:30			0073927
MW-2	↓	↓	↓	↓			0073928
MW-3	↓	↓	↓	↓			0073929
MW-1	H ₂ O level						
MW-2	9'1"						
MW-3	9'7"						
MW-3	9'0"						

RELINQUISHED BY: <i>[Signature]</i>	DATE: 7/24/90	TIME: 4:00	RECEIVED BY: <i>[Signature]</i>	TRAVEL TIME: 1 HR	ON SITE TIME: 2 HR						
RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:	OTHER:	WERE SAMPLES PRESERVED ?						
RELINQUISHED BY:	DATE:	TIME:	RECEIVED IN LAB BY:	IN GOOD CONDITION?	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">YES</td> <td style="width: 50%;">NO</td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> </tr> <tr> <td style="text-align: center;">X</td> <td></td> </tr> </table>	YES	NO	X		X	
YES	NO										
X											
X											

SENT BY: XEROX Telecopier 70171
 81-91 : 3:42PM :
 415364833-
 8651889: # 3

20.00
 9.33
 10.67
 0.16
 10.51
 10.67
 10.74

CHAIN OF CUSTODY REPORT

CLIENT: XTRA OIL
 ADDRESS: 429028
 REPORT TO:
 BILLING TO:
 TURNAROUND TIME: *cheapest (requested)*
 8 HR.
 24 HR. 48 HR. 72 HR.
 5 DAY 10 DAY 15 DAY

PROJECT NAME/SITE: CASTRO VALLEY BLVD. & REMOOD RD.
 CASTRO VALLEY STATION - 3 WELLS
 POB/BILLING REFERENCE:

SAMPLE ID# / STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	ANALYSIS REQUESTED										REMARKS	SAMPLE NUMBER			
					TPH	G	B	TRE											
MW-1		3	2 vials 1 Amber	8/23/90 AM 10:53	X	X											2 gals purged before sampling	0084152	
MW-2		3	2 vials 1 Amber	8/23/90 AM 11:05	X	X											" "	0084153	
MW-3		3	2 vials 1 Amber	8/23/90 AM 11:16	X	X											" "	0084154	
																	well depth		
																	To water	To Bottom	Gals needed
																	MW-1 9'3"	20'0"	42.9
																	MW-2 9'11"	19'5"	
																	MW-3 8'11"	18'7"	

RELINQUISHED BY: DATE: TIME: RECEIVED BY: TRAVEL TIME:
 ON SITE TIME:
 RELINQUISHED BY: DATE: TIME: RECEIVED BY: OTHER:
 WERE SAMPLES: YES NO
 PRESERVED?
 IN GOOD CONDITION?
 RELINQUISHED BY: DATE: TIME: RECEIVED IN LAB BY: *[Signature]*

SENT BY: XEROX Telecopier 7017
 31-91 : 3:43PM :
 41536
 33-
 8651889: # 4

SHELL

5 DAY RUSH

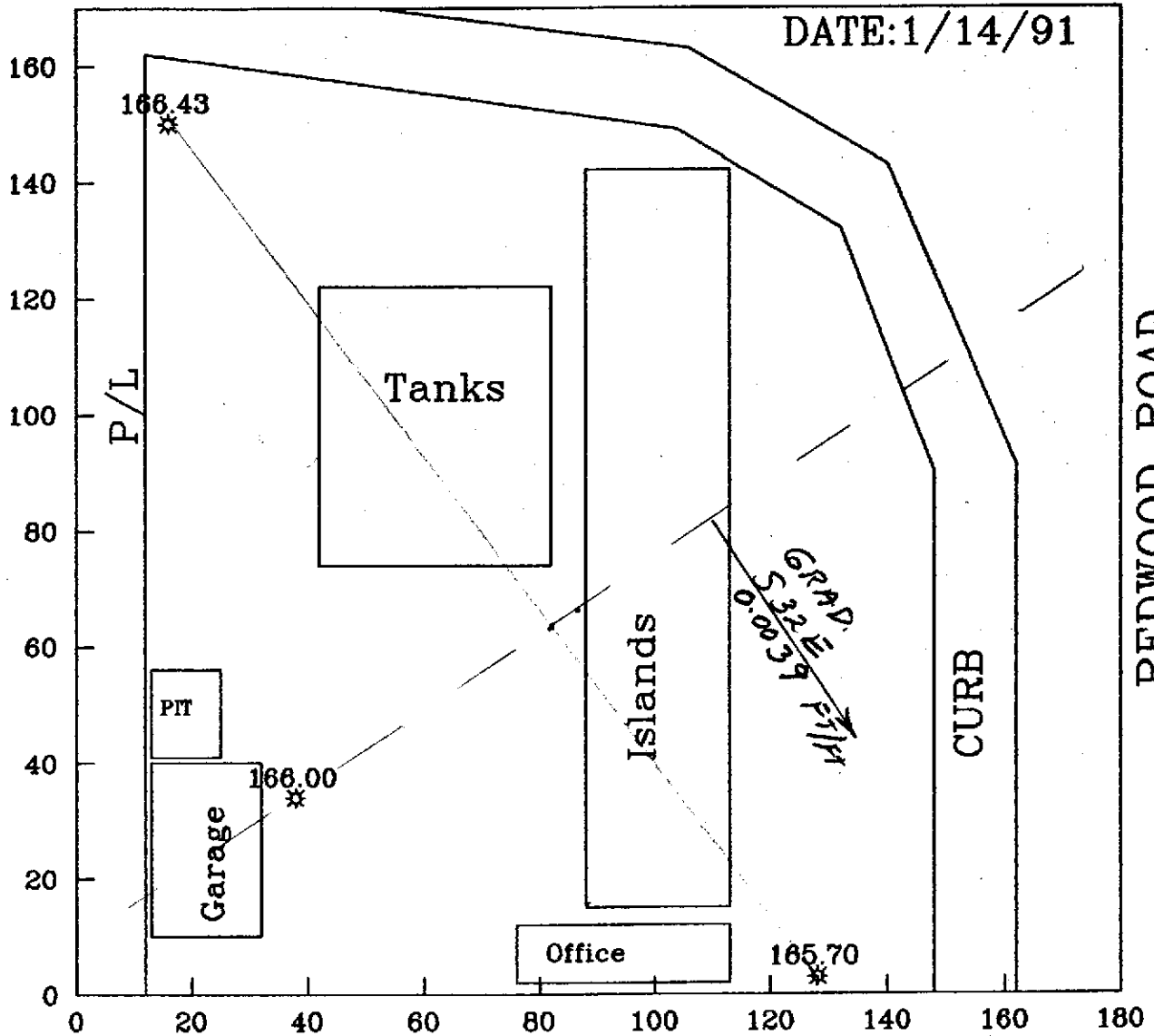
CHAIN OF CUSTODY REPORT

CLIENT: XTRA OIL				REPORT TO:				TURNAROUND TIME:					
ADDRESS:				BILLING TO:				8 HR.					
PHONE:								24 HR.		48 HR.			
PROJECT NAME/SITE: XTRA OIL / SHELL STATION 3495 CASTRO VALLEY BLVD., CASTRO VALLEY, CA				POW/BILLING REFERENCE:				72 HR.		15 DAY			
SAMPLER: C. DONOHUE E. DURU			DATE: 9/27/90			ANALYSIS REQUESTED				SAMPLE NUMBER			
SAMPLE ID#/ STATION	SAMPLE DESCRIPTION	NUMBER OF CONT.	TYPE CONT.	SAMPLING TIME/DATE	Diesel	Other	REMARKS				SAMPLE NUMBER		
	MW-1	3	2 VOLS 1 Amber	9/27/90 2:55 PM	+	X						0093687	
	MW-2	3	2 VOLS 1 Amber	9/27/90 3:05 PM	+	X						0093688	
	MW-3	3	2 VOLS 1 Amber	9/27/90 3PM	+	+						0093689	
RELINQUISHED BY: <i>Christophe Donohue</i>				DATE: 9/27/90		TIME: 5PM		RECEIVED BY: <i>Joe Plaug</i>				TRAVEL TIME:	
RELINQUISHED BY:				DATE:		TIME:		RECEIVED BY:				ON SITE TIME:	
RELINQUISHED BY:				DATE:		TIME:		RECEIVED IN LAB BY:				OTHER:	
										WERE SAMPLES PRESERVED ?		YES	NO
										IN GOOD CONDITION?			

HYDRAULIC GRADIENT CASTRO VALLEY BLVD.



DATE: 1/14/91



SCALE 1 inch 30 Feet

California Geophysical Group, Inc.
Engineering & Environmental Geophysics

SCALE

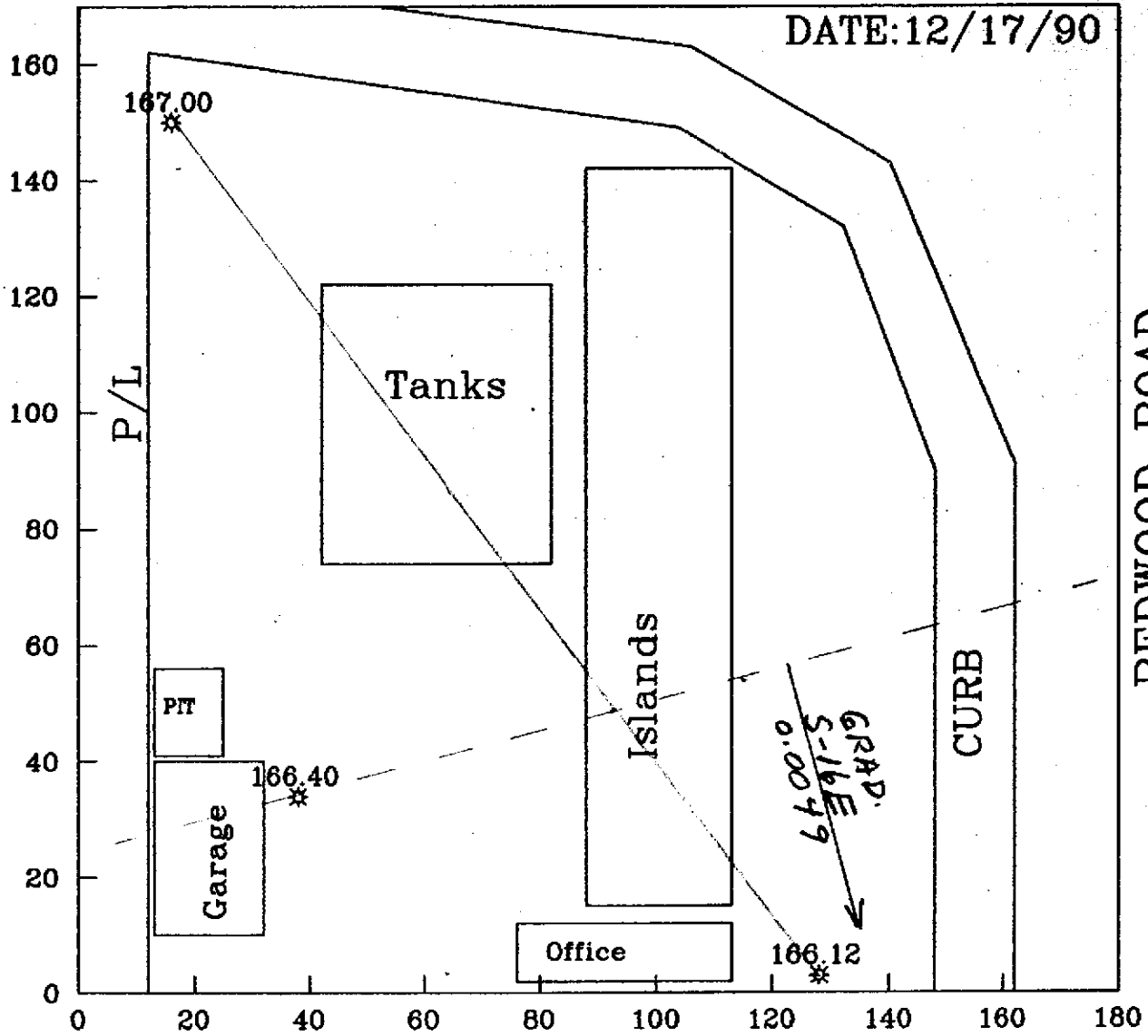
DATE

CHK'D

HYDRAULIC GRADIENT CASTRO VALLEY BLVD.



DATE: 12/17/90

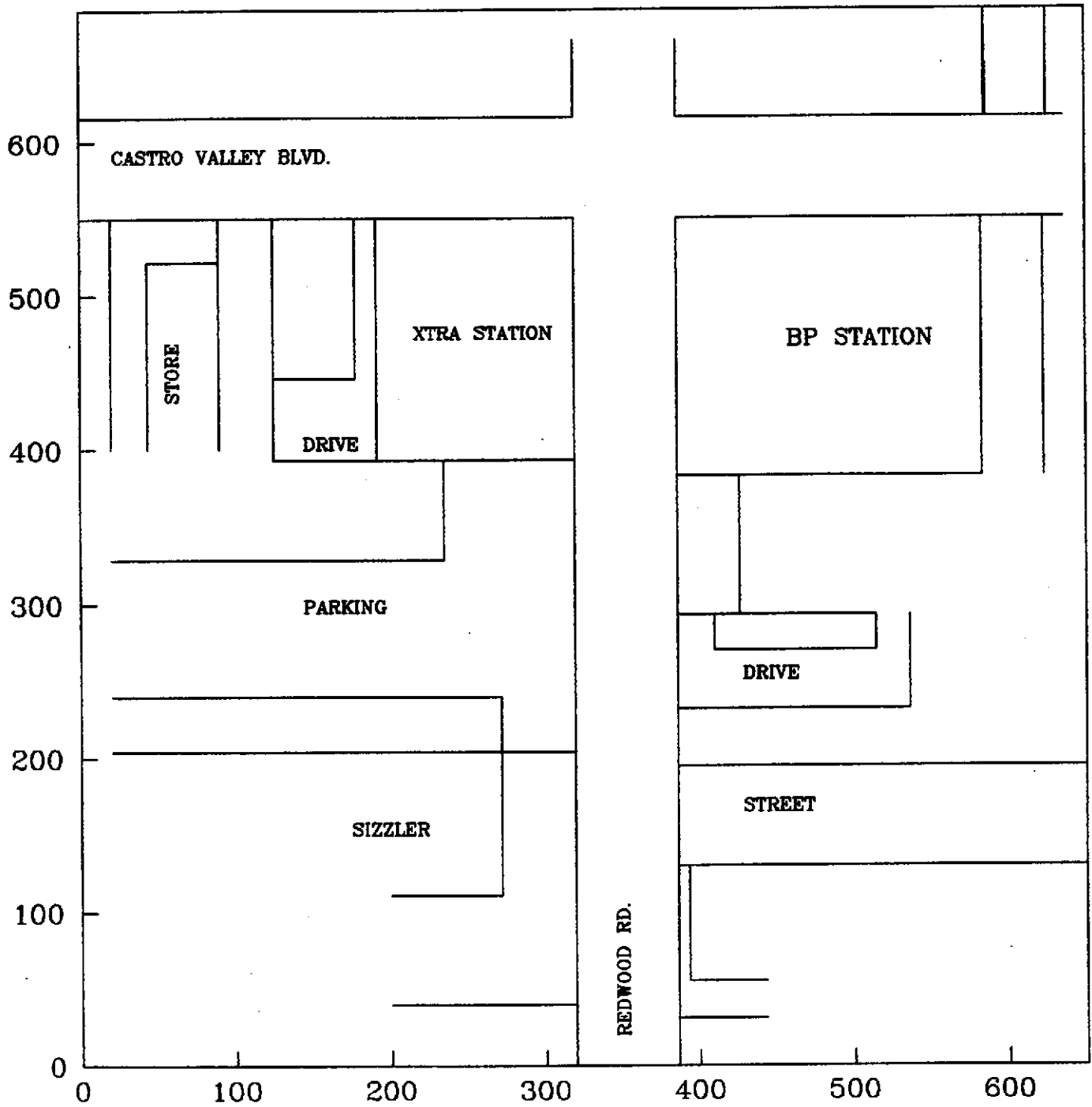


SCALE 1 inch 30 Feet

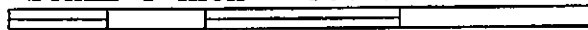
California Geophysical Group, Inc.
Engineering & Environmental Geophysics

SCALE	DATE	
CHK'D		

AREA MAP-XTRA OIL SITE



SCALE 1 inch 100 feet



California Geophysical Group, Inc.
Engineering & Environmental Geophysics

SCALE

DATE

CHK'D