



# Koch California Ltd.

662 Eucalyptus Road, P.O. Box 1127  
Nipomo, CA 93444

Phone: (805) 929-4153  
Fax: (805) 929-5598  
Email: kochcal@earthlink.net

September 16, 1999

CITY OF PISMO BEACH

Michael Fuson, City Manager  
The City of Pismo Beach  
760 Mattie Road  
Pismo Beach, CA 93449

SEP 17 1999

RECEIVED  
CITY CLERK

(805) 773-4657 Phone  
(805) 773-7006 Phone

## Re: **Request to Inspect and Copy Public Records**

Dear Michael Fuson:

This letter is a request to inspect public records which are in the possession of the **CITY OF PISMO BEACH** pursuant to the California Public Records Act (Govt. Code §6250, et seq.). **Following the inspection, we may request copies** of some or all of the records. In the event we request copying by the **CITY OF PISMO BEACH** we will, at that time, tender any required copying charges. However, we reserve the right to have copies of the records made at your location by an independent copying service of our choosing.

Please make the records available for inspection beginning on **October 8<sup>th</sup>, 1999 at 10:00 a.m.** Unless we are notified otherwise, we shall expect that the records will be available for inspection in the **CITY OF PISMO BEACH** office. The following is a list of the reasonably identifiable public records which we desire to inspect on or after **October 8<sup>th</sup>, 1999 at 10:00 a.m.**

1. **All "Well Completion Reports" for each water well owned and/or operated by CITY OF PISMO BEACH.**
2. **For any water well for which a Well Completion Report is not in the possession of CITY OF PISMO BEACH, such other documents as are in the possession of CITY OF PISMO BEACH which show any of the following information: a) the well location, b) the name and address of the well driller, c) the date the well was completed, d) depth to first water below surface e) total depth of completed well.**
3. **Documents which show the amount of water produced from each water well owned and/or operated by CITY OF PISMO BEACH for each month from the completion of the well through to July 31<sup>st</sup> 1999.**
4. **All reports of hydraulic test results for each water well owned and/or operated by CITY OF PISMO BEACH, for the period beginning with the construction of the each well and ending July 31, 1999, which show any of the following information: a) standing water level, b)**

**pumping water level, c) pumping amount, capacity or GPM.**

- 5. All reports created during repair or maintenance of CITY OF PISMO BEACH wells with a measure of: a) standing water level, b) pumping water level, c) pumping capacity or GPM during pumping water levels (such as those commonly found on Floyd wells or other contractor's Invoice, Repair order Invoice, or Well Drilling logs etc.) for the period beginning with the construction of the each well and ending July 31, 1999.**

If a portion of the information contained in the records we have requested is exempt from disclosure by express provisions of law, Govt. Code §6254 requires segregation and deletion of that material in order that the remainder of the information may be released.

Please take note that Govt. Code §6256 requires the **CITY OF PISMO BEACH** to determine, within ten (10) days after receipt of this request, whether the **CITY OF PISMO BEACH** will comply with this request. If the **CITY OF PISMO BEACH** decides not to comply with all or any portion of this request, Govt. Code §6256 requires notification to us of the reasons for the determination not later than ten (10) days from your receipt of this request. Further, Govt. Code §6256.2 prohibits the use of any provision of the Public Records Act to delay access for the purposes of inspecting public records. Govt. Code §6256.2 also requires that any notification of denial of this request for records must set forth the names and titles or positions of each person responsible for the denial.

Thank you for your timely attention to our request.



John Snyder  
Vice President



**City of Pismo Beach**  
**760 Mattie Road**  
**Pismo Beach, CA 93449**  
**(805)773-4657 Fax: (805) 773-7006**

September 29, 1999

Mr. John Snyder, Vice President  
Koch California Ltd.  
662 Eucalyptus Road  
P.O. Box 1127  
Nipomo, CA 93444

Re: Request to Inspect and Copy Public Records

Dear Mr. Snyder:

My office received your request to inspect and copy records on September 17, 1999. I apologize for the delay in getting back to you. Your request has been forwarded to the pertinent staff.

Pursuant to the Public Records Act, we are requesting a 10-day extension on complying with the request. I will call you as soon as the records are available for inspection at City Hall.

There will be a charge for copies but no charge for viewing the documents. The charge is 75 cents for the first page and 20 cents for each page after that, plus clerical staff time to copy at an hourly rate of approx. \$10.00.

If you have any questions, please let me know.

Sincerely,

A handwritten signature in cursive script that reads "Sharon Jones".

Sharon Jones  
City Clerk

cc: File



# Koch California Ltd.

662 Eucalyptus Road, P.O. Box 1127  
Nipomo, CA 93444

cc: City Clerk  
D. Belzeit  
R. Rogers

Phone: (805) 929-4153  
Fax: (805) 929-5598  
Email: kochcal@earthlink.net

September 16, 1999

Michael Fuson, City Manager  
The City of Pismo Beach  
760 Mattie Road  
Pismo Beach, CA 93449

CITY OF PISMO BEACH

SEP 17 1999

RECEIVED  
CITY CLERK

Hand  
delivered

(805) 773-4657 Phone  
(805) 773-7006 Phone

## Re: Request to Inspect and Copy Public Records

Dear Michael Fuson:

This letter is a request to inspect public records which are in the possession of the **CITY OF PISMO BEACH** pursuant to the California Public Records Act (Govt. Code §6250, et seq.). **Following the inspection, we may request copies** of some or all of the records. In the event we request copying by the **CITY OF PISMO BEACH** we will, at that time, tender any required copying charges. However, we reserve the right to have copies of the records made at your location by an independent copying service of our choosing.

Please make the records available for inspection beginning on **October 8<sup>th</sup>, 1999 at 10:00 a.m.** Unless we are notified otherwise, we shall expect that the records will be available for inspection in the **CITY OF PISMO BEACH** office. The following is a list of the reasonably identifiable public records which we desire to inspect on or after **October 8<sup>th</sup>, 1999 at 10:00 a.m.**

1. All "Well Completion Reports" for each water well owned and/or operated by **CITY OF PISMO BEACH**.
2. For any water well for which a Well Completion Report is not in the possession of **CITY OF PISMO BEACH**, such other documents as are in the possession of **CITY OF PISMO BEACH** which show any of the following information: a) the well location, b) the name and address of the well driller, c) the date the well was completed, d) depth to first water below surface e) total depth of completed well.
3. Documents which show the amount of water produced from each water well owned and/or operated by **CITY OF PISMO BEACH** for each month from the completion of the well through to July 31<sup>st</sup> 1999.
4. All reports of hydraulic test results for each water well owned and/or operated by **CITY OF PISMO BEACH**, for the period beginning with the construction of the each well and ending July 31, 1999, which show any of the following information: a) standing water level, b)

**pumping water level, c) pumping amount, capacity or GPM.**

- 1 All reports created during repair or maintenance of CITY OF PISMO BEACH wells with a measure of: a) standing water level, b) pumping water level, c) pumping capacity or GPM during pumping water levels (such as those commonly found on Floyd wells or other contractor's Invoice, Repair order Invoice, or Well Drilling logs etc.) for the period beginning with the construction of the each well and ending July 31, 1999.**

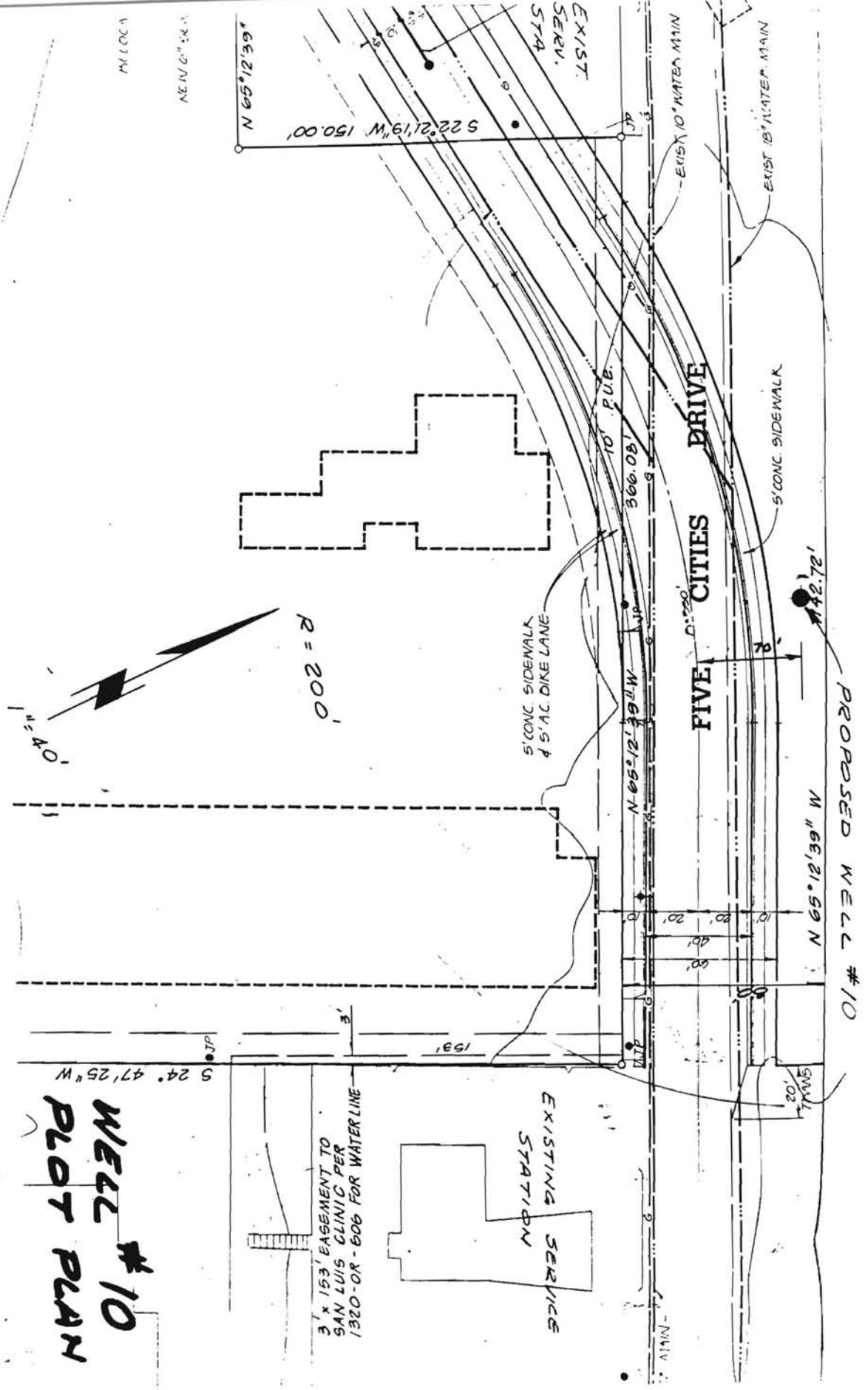
If a portion of the information contained in the records we have requested is exempt from disclosure by express provisions of law, Govt. Code §6254 requires segregation and deletion of that material in order that the remainder of the information may be released.

Please take note that Govt. Code §6256 requires the **CITY OF PISMO BEACH** to determine, within ten (10) days after receipt of this request, whether the **CITY OF PISMO BEACH** will comply with this request. If the **CITY OF PISMO BEACH** decides not to comply with all or any portion of this request, Govt. Code §6256 requires notification to us of the reasons for the determination not later than ten (10) days from your receipt of this request. Further, Govt. Code §6256.2 prohibits the use of any provision of the Public Records Act to delay access for the purposes of inspecting public records. Govt. Code §6256.2 also requires that any notification of denial of this request for records must set forth the names and titles or positions of each person responsible for the denial.

Thank you for your timely attention to our request.



John Snyder  
Vice President



**WELL #10  
PLOT PLAN**

3' x 153' EASEMENT TO  
SAN LUIS CLINIC PER  
1320-0X-606 FOR WATERLINE

EXISTING SERVICE STATION

VACANT



EXISTING SERVICE STATION

EXIST. GAS

EXIST. 10" WATER

FIVE CITIES DRIVE

EXIST. 18" WATER

PROPOSED WELL #10

R=200'

S. HWY 101



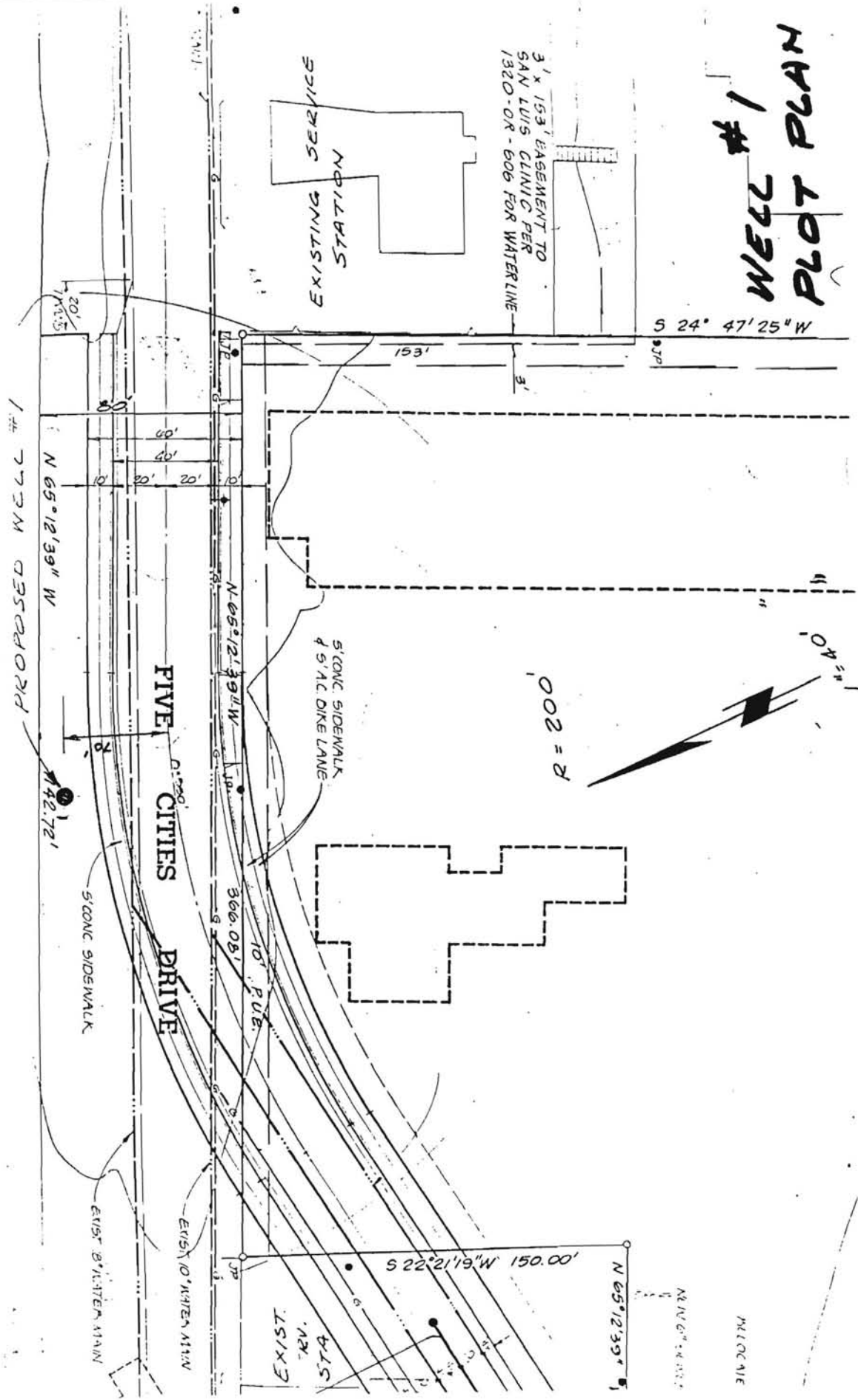
CALIF. ST. HWY



10'

PISMO BEACH WELL SITE #10

# WELL #1 PLOT PLAN





#10

RESOLUTION NO. R-86-1

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PISMO BEACH AUTHORIZING THE FILING OF AN APPLICATION WITH THE STATE DEPARTMENT OF HEALTH TO PERMIT THE CONSTRUCTION AND OPERATION OF NEW WATER WELLS.

BE IT RESOLVED by the City Council of the City of Pismo Beach that pursuant and subject to all of the terms, conditions and provisions of Division 5, Part 1, Chapter 7, Sections 4010 to 4035 of the California Health and Safety Code and all amendments thereto, relating to domestic water supplies, application by this City be made to the State Department of Health, for a permit to construct and operate new wells #9, 10, & 11 to serve the City of Pismo Beach as shown on Exhibit A; and

BE IT FURTHER RESOLVED that the City Administrator of the City of Pismo Beach be and he is hereby authorized and directed to cause the necessary data to be prepared, and investigations to be made, and in the name of said City to sign and file such application with the said State Department of Health.

UPON MOTION of Councilmember Dillon, seconded by Councilmember Hubbard, the foregoing Resolution is hereby passed and adopted at a regular meeting of the City Council held this 13th day of January, 1986, on the following roll call vote, to wit:

- AYES: Dillon, Hubbard, Hearn, Eldwayen.
- NOES: None.
- ABSTAIN: None.
- ABSENT: Carter.

Nebb Eldwayen  
Nebb Eldwayen  
Mayor

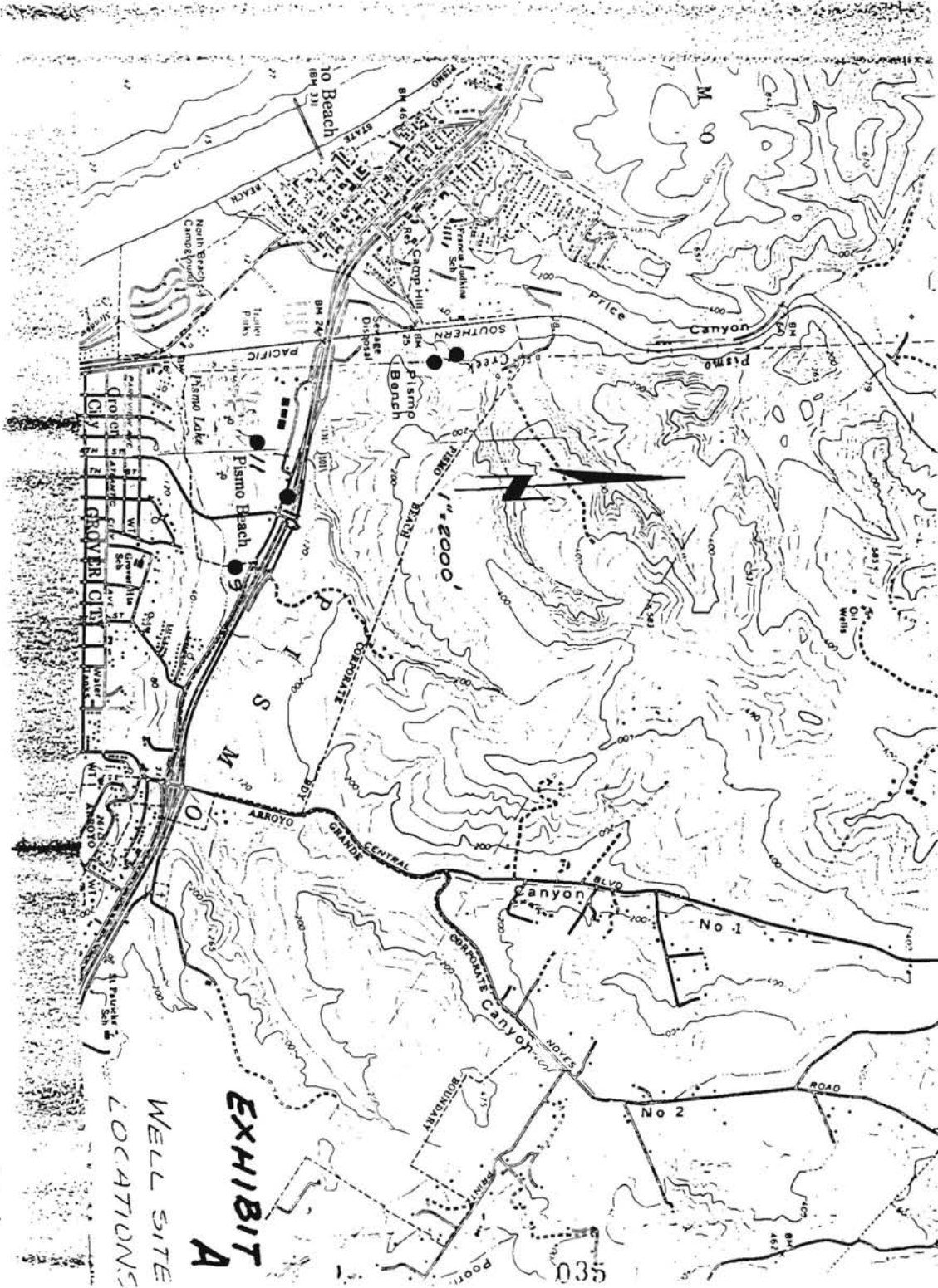
ATTEST:

APPROVED AS TO FORM:

Terry A. Briscoe  
Terry A. Briscoe  
City Clerk

A.J. Shaw, Jr.  
A.J. Shaw, Jr.  
City Attorney

I HEREBY CERTIFY THE FOREGOING IS A TRUE AND CORRECT COPY OF  
ALL RESOLUTIONS PASSED BY THE CITY COUNCIL OF THE CITY OF PISMO BEACH, CALIFORNIA, ON THIS 13th DAY OF January, 1986.  
Mausen W. Hall  
Deputy City Clerk





STATE OF CALIFORNIA  
DEPARTMENT OF HEALTH

Certified Copy of Resolution  
(To accompany application on Form A1)

"Resolved by the City Council  
(City council, board of trustees or other governing body)

of the City of Pismo Beach  
(City, town or county, etc.)

that pursuant and subject to all of the terms, conditions and provisions of Division 5, Part 1, Chapter 7, Sections 4010 to 4035 of the California Health and Safety Code and all amendments thereto, relating to domestic water supplies, application by this City  
(City, town or county, etc.) be made to the State Department of Health, for a permit to

Construct and Operate New Wells #9, 10, & 11 to serve  
Applicant must state specifically what is being applied for—whether to construct new works, to use existing works, to make alterations or additions in the City of Pismo Beach as shown on exhibit A  
works or sources and state nature of improvement in works. Enumerate definitely source or sources of supply, kind of works used or considered (if known)  
and specify the locality to be served. Additional sheets may be attached.

that the City Administrator  
(Title of chief executive officer) of said City Council  
(City council, board of trustees or other governing body)

be and he is hereby authorized and directed to cause the necessary data to be prepared, and investigations to be made, and in the name of said City  
(City, town or county, etc.) to sign and file such application with the said State Department of Health.

Passed and adopted at a regular meeting of the City Council  
(Governing body)

of the City of Pismo Beach  
(City, town or county, etc.) on the 13th day of January, 1986.

[ AFFIX  
OFFICIAL SEAL  
HERE ]

Clerk of said City  
(City, town or county, etc.)

*Terry A. Bruce*

037

# STATE OF CALIFORNIA DEPARTMENT OF HEALTH

Application from The City of Pismo Beach  
(Name of municipality or civil subdivision)

organized under General Law (incorporated April 25, 1946)  
(State whether special charter or under general law, giving class and date of incorporation)

To the State Department of Health  
2151 Berkeley Way  
Berkeley, California 94704

Pursuant and subject to all of the terms, conditions and provisions of Division 5, Part 1, Chapter 7, Sections 4010 to 4035 of the California Health and Safety Code and all amendments thereto, relating to domestic water supplies, application is hereby made to said State Department of Health for a permit to.....

Construct and Operate New Wells numbered 9, 10, & 11  
Applicant must state specifically what is being applied for—whether to construct new works, to use existing works, to make alterations or additions in works or sources and state nature of improvement in works. Enumerate definitely source or sources of supply, kind of works used or considered (if known) to serve the City of Pismo Beach at locations shown on exhibit A  
and specify the locality to be served. Additional sheets may be attached.

Dated January 13, 1986

[ AFFIX  
OFFICIAL SEAL  
HERE ]

City of Pismo Beach  
(Name of municipality or civil subdivision, in full)

By *Leslie J. Crist*  
(Signature of chief executive officer with official title and post office address)

Leslie J. Crist, City Administrator

Attest.

*Terry A. Briscoe*  
(Signature of clerk or corresponding official with title and post office address)

Terry A. Briscoe, City Clerk

### NOTES

Before making application for permit, such action must be authorized by resolution of the governing board, substantially in the form furnished by the State Department of Health (Domestic Water Supplies, Form A2) and a copy of such resolution, duly certified by the clerk of such board, must accompany the application.

CITY OF PISMO BEACH, CALIFORNIA



APPENDIX F-3  
NOTICE OF EXEMPTION

TO:   x   Office of Planning and Research  
1400 Tenth St., Room 121  
Sacramento, CA 95814

  x   County Clerk  
County of San Luis Obispo

FROM: Department of Public Services  
City of Pismo  
P.O. Box 3  
Pismo Beach, CA 93449

PROJECT TITLE: Oak Park Wells

PROJECT LOCATION (Specific): near the intersection of 4th street and the freeway

PROJECT LOCATION (City): Pismo Beach

PROJECT LOCATION (County): San Luis Obispo County

DESCRIPTION OF NATURE, PURPOSE, AND BENEFICIARIES OF PROJECT: Installation of three (3) new wells to replace three (3) old City wells as shown on exhibit A

PUBLIC AGENCY APPROVING PROJECT: City of Pismo Beach

PERSON OR AGENCY CARRYING OUT PROJECT: Department of Public Services

EXEMPT STATUS : (Check one)

- Ministerial (Sec. 15073)
- Declared Emergency (Sec. 15071 (a))
- Emergency Project (Sec. 15071 (b) and (c))
- x   Categorical Exemption (State type and section number) Class 2.C

REASONS WHY PROJECT IS EXEMPT: Wells #9, 10 and 11 will replace Wells #1,3, and 4 which were abandoned. Water is approximately the same.

CONTACT PERSON: Hal Halldin; TELEPHONE: (805) 773-4656

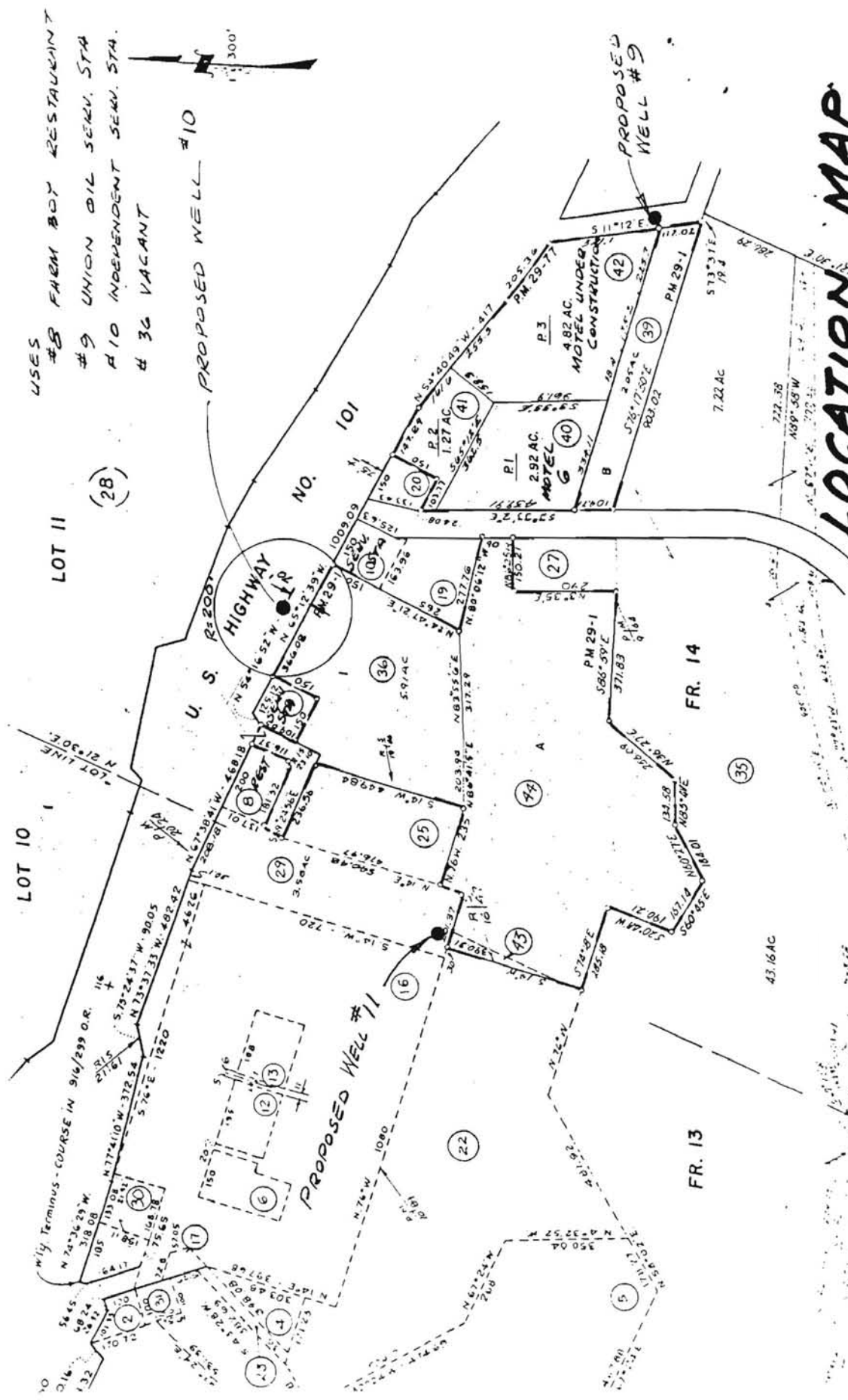
If filed by applicant, (1) attach certified document of exemption finding, (2) Has a notice of exemption been filed by the public agency approving the project? Yes   x   No       

1-14-86  
Date received for filing

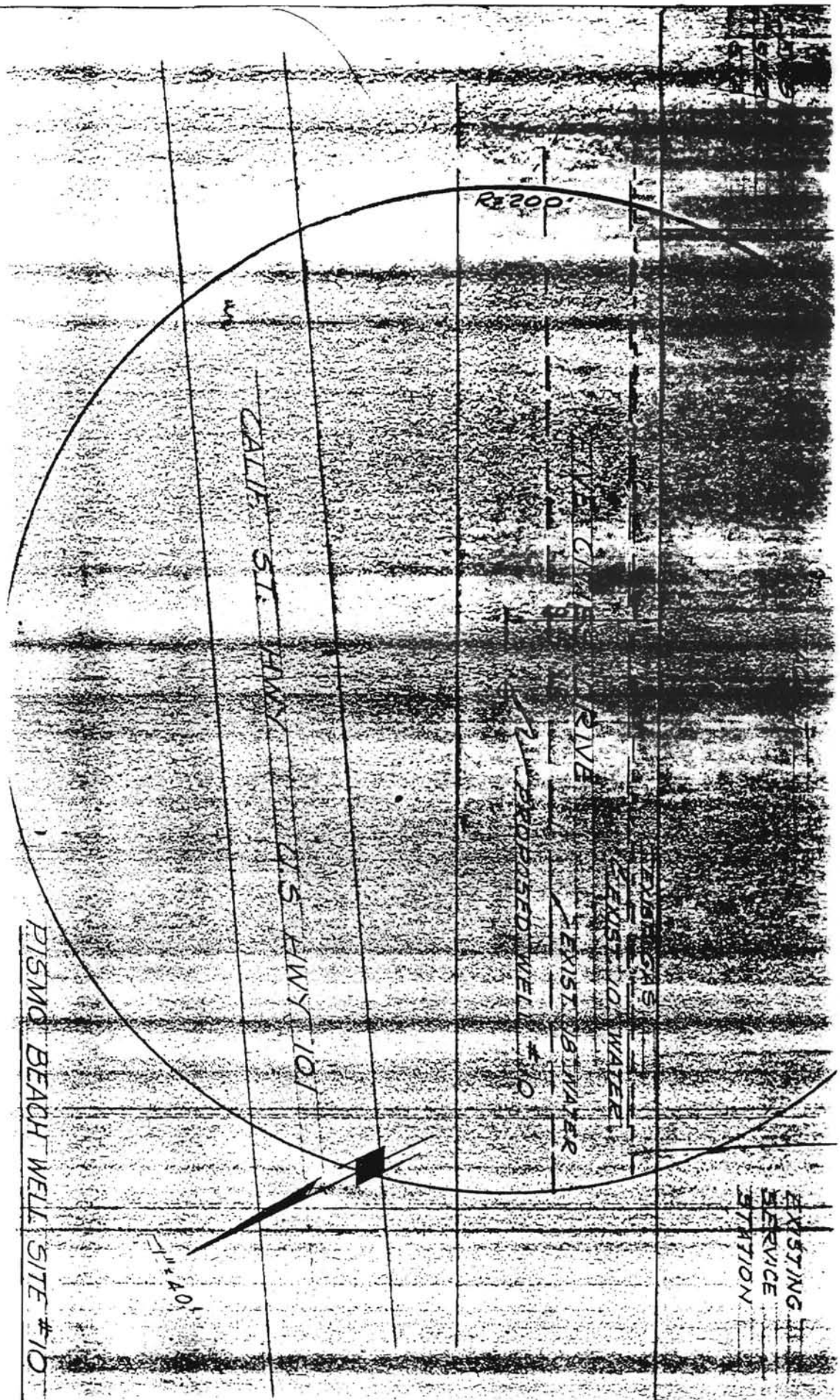
Dave Watson  
Director of Public Services

USES  
 #8 FARM BOY RESTAURANT  
 #9 UNION OIL SERV. STA.  
 #10 INDEPENDENT SEW. STA.  
 #36 VACANT

PROPOSED WELL #10



LOCATION MAP





# GEO-HYDRO-DATA

INCORPORATED

## ELECTRIC WELL LOG

COMPANY CITY OF PISMO  
 WELL NO. 10  
 FIELD PISMO STATE CALIF.  
 COUNTY SLO

COMPANY CITY OF PISMO  
 WELL NO. 10  
 FIELD PISMO  
 COUNTY SLO STATE CALIF.

LOCATION  
 Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ Rge. \_\_\_\_\_  
 TYPE LOG  
 SP  
 PK  
 6' LATERAL

Permanent Datum GROUND LEVEL Elev. \_\_\_\_\_ Elev.: K. B. \_\_\_\_\_  
 Log Measured From G.L. 0 Ft. Above Perm. Datum D. F. \_\_\_\_\_  
 Drilling Measured From G.L. G. L. \_\_\_\_\_

Date	DEC. 17, 1985		
Run No.	1		
Depth - Driller	465	ft.	ft.
Depth - GHD	464	ft.	ft.
Btm. Log Inter.	463	ft.	ft.
Top Log Inter.	9	ft.	ft.
Casing - Driller	in. @	ft.	in. @ ft.
Casing - GHD		ft.	ft.
Bit Size	4 3/4 in. to 465 ft.	in. to	ft.
Bit Size		in. to	ft.
Bit Size		in. to	ft.
Type Fluid in Hole	cley gel		
Source of Sample	pit		
PPM TDS	400		
Fluid Level	full		
Dens.	Visc.		
pH	Fluid Loss	ml	ml
Rm @ Meas. Temp.		°F	°F
Rmf @ Meas. Temp.		°F	°F
Rmc @ Meas. Temp.		°F	°F
Time Since Circ.	3/4	hr.	hr.
Logging Speed	45	ft./min.	ft./min.
Tool Type and No.	combo 5		
Unit No.	3		
Location	Cambria		
Invoice No.	4130		
Recorded By	Kenny Renz Associate Geologist		
Witnessed By	Tim Cleath Registered Geologist		
Other			

P. O. Box 418 Tehachapi, California 93561 (805) 832-4101

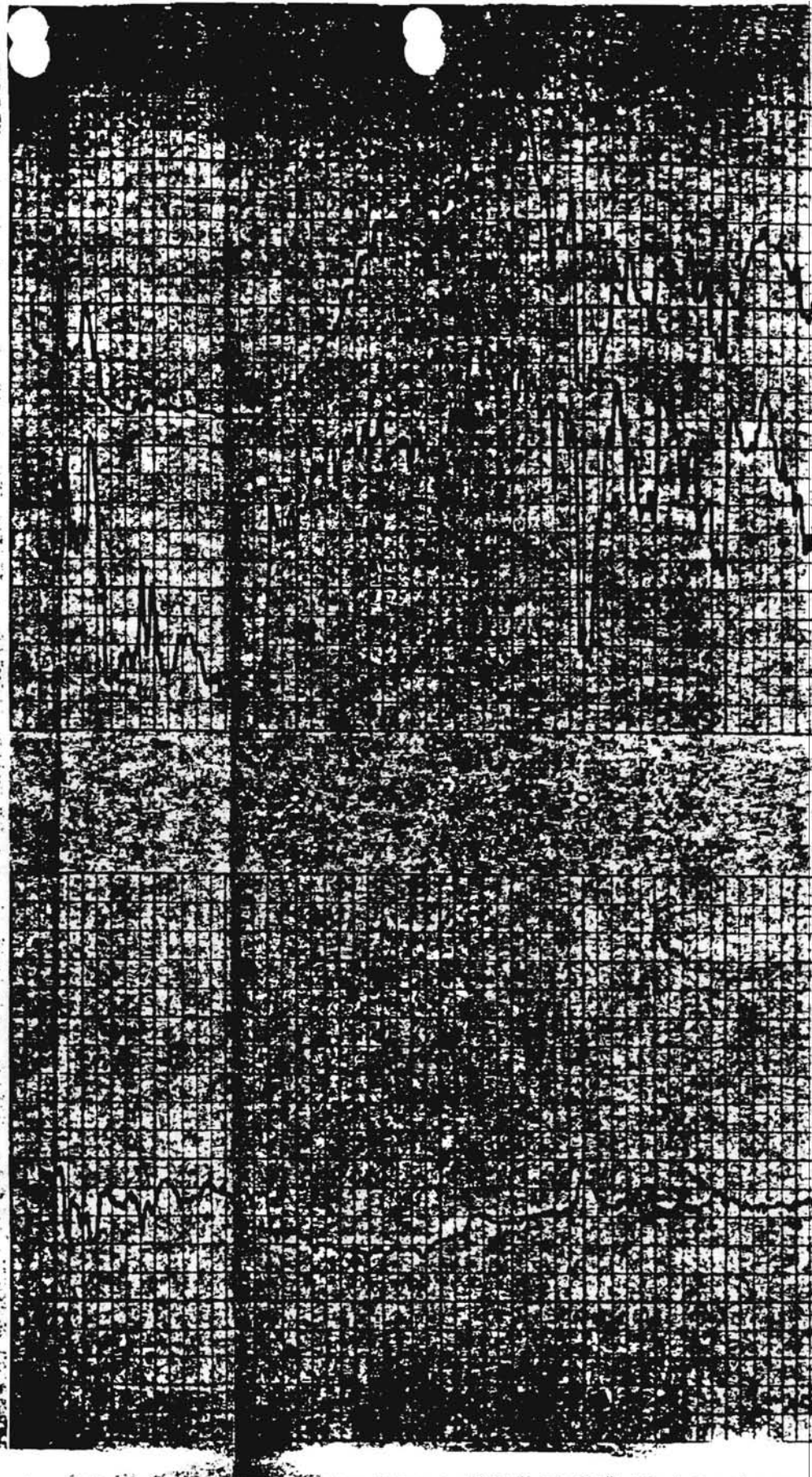
SCALE CHANGES

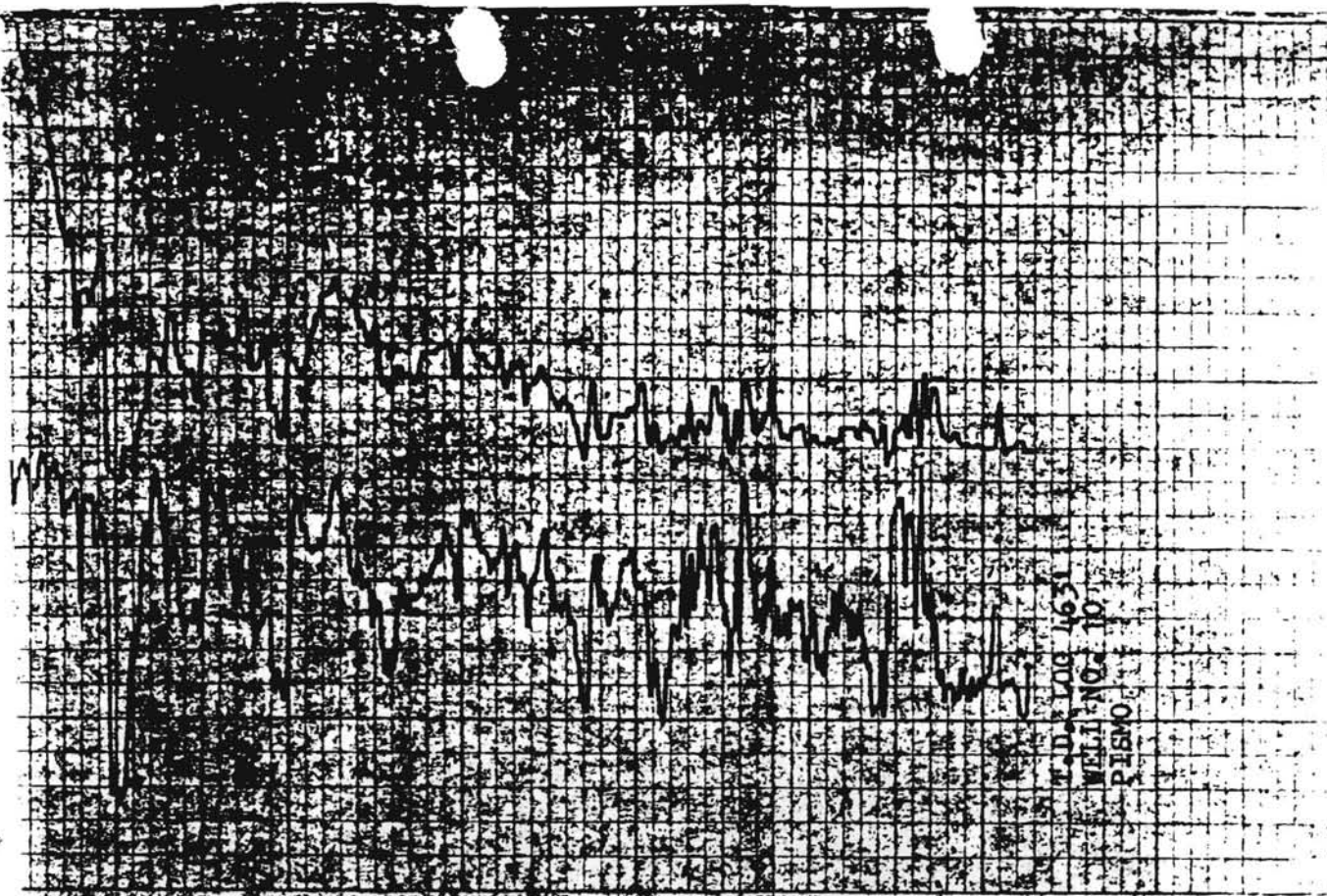
Type Log	Depth	Scale Up Hole	Scale Down Hole

REMARKS: CONSULTING GEOLOGIST: TIM CLEATH  
 DRILL METHOD: STANDARD ROTARY  
 DRILLED BY: MYERS & SUMMERS  
 HANFORD, CALIF.

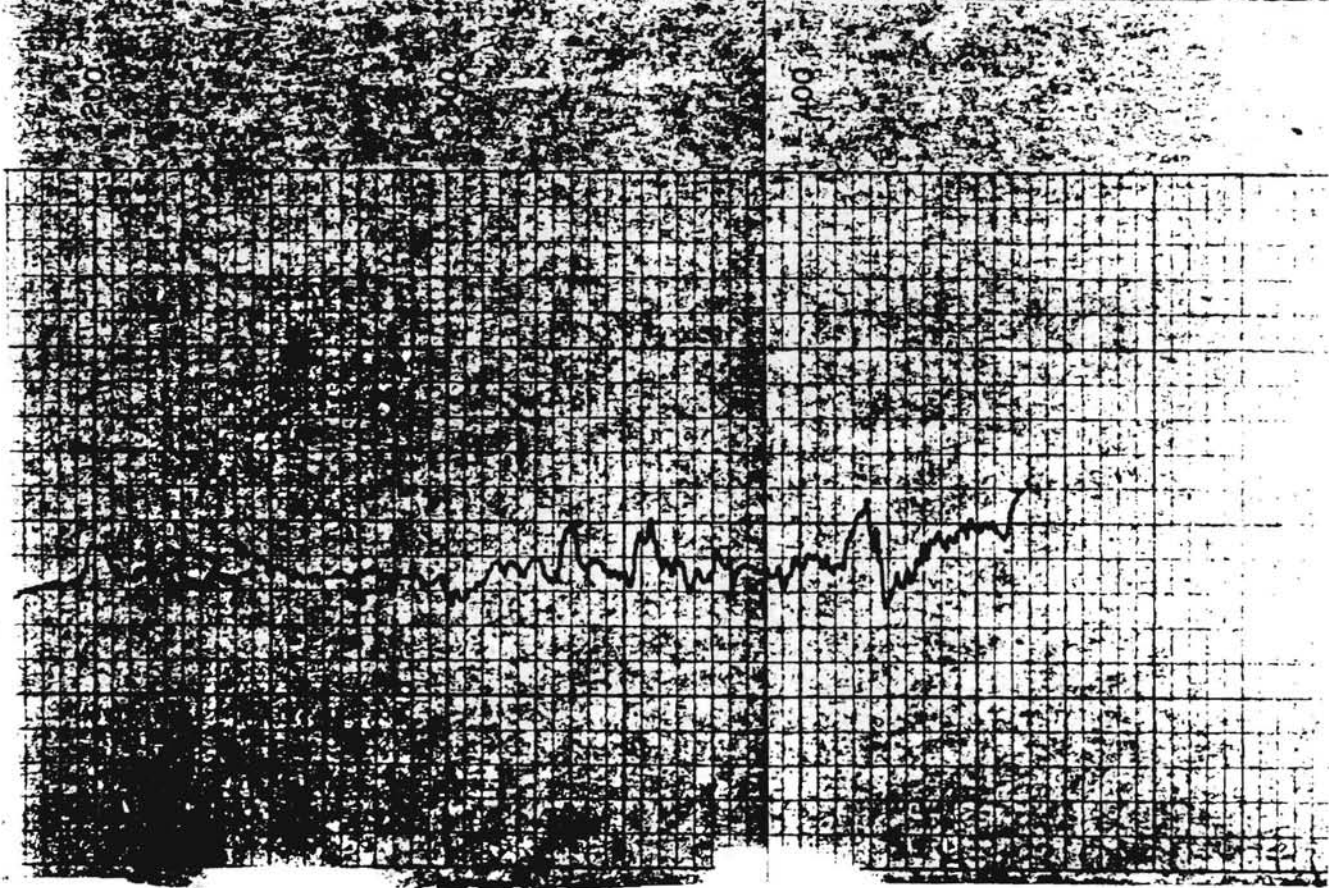
All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretations, and we shall not be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 6 of our General Terms and Conditions as set out in our current Price Schedule.

SPON.	POTENTIAL	DEPTH	POINT RESISTIVITY		
5	MV+		5	OHMS	
					6' LATERAL
					25
					50 OHMS





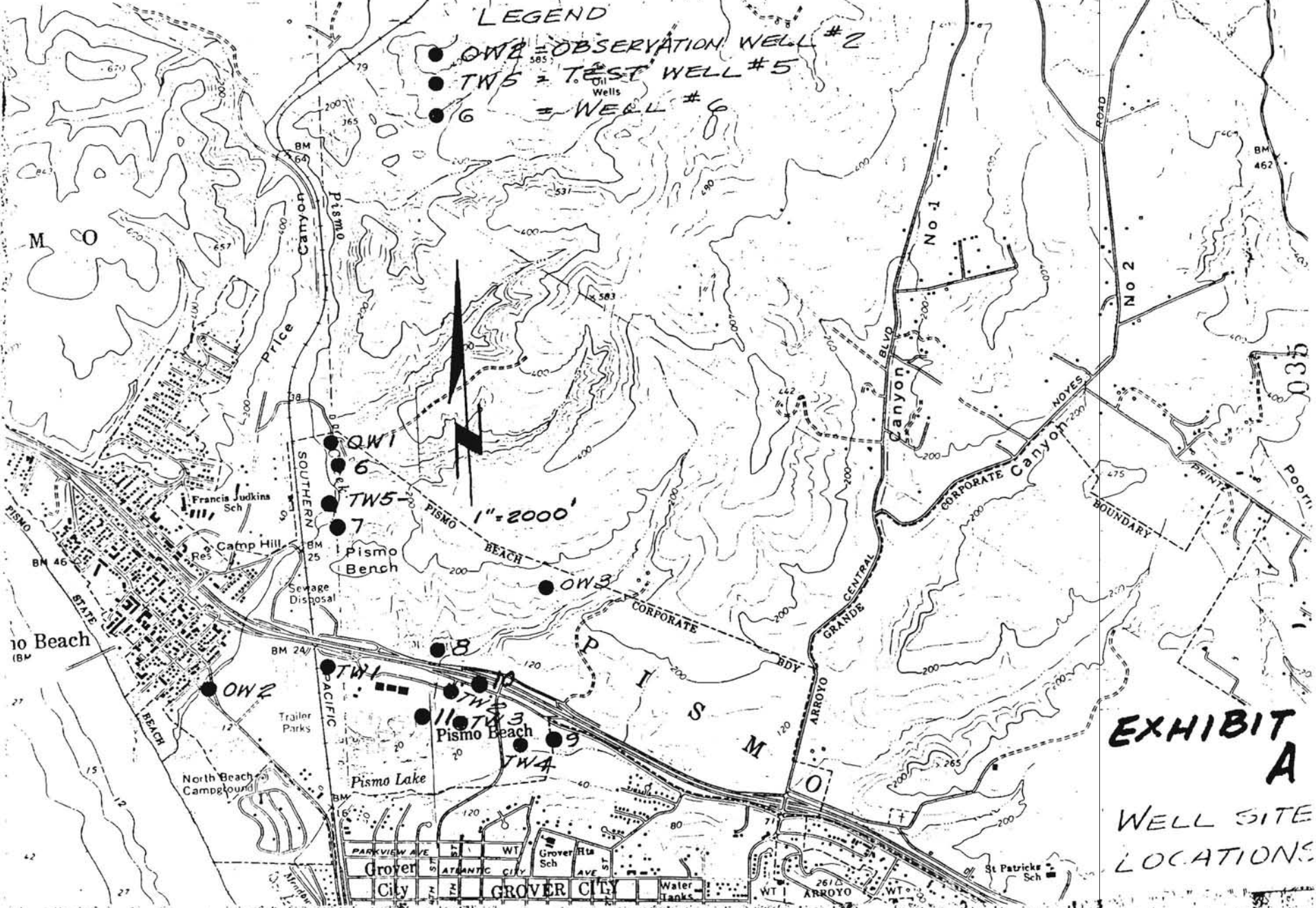
WELL NO. 10  
PISMO



100

LEGEND

- OW2 = OBSERVATION WELL # 2
- TW5 = TEST WELL # 5
- 6 = WELL # 6



**EXHIBIT A**  
 WELL SITE  
 LOCATIONS

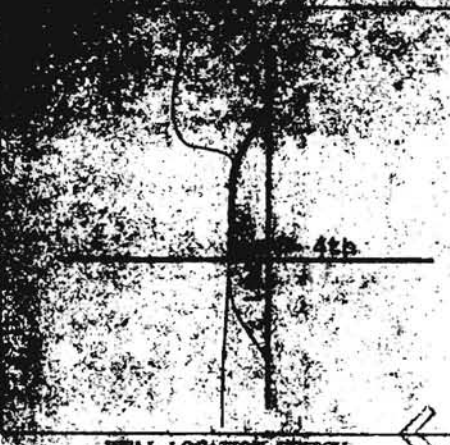
Wea

STATE OF CALIFORNIA  
 THE RESOURCE AGENCY  
 DEPARTMENT OF WATER RESOURCES  
 WATER WELL DRILLERS REPORT

City of Pleasanton  
 P.O. Box 3  
 Pleasanton CA zip 93449  
 (See instructions)  
 Owner's Well Number: 418  
 Section: 180

(12) WELL LOG: Total Depth

from ft	to ft	Formation	Remarks
0	3		
3	7		
7	18		
18	23		
23	24		
24	33		
33	44		
44	49		
49	64		
64	113		



- (2) TYPE OF WORK:
- New Well  Deepening
  - Reconstruction
  - Reconditioning
  - Horizontal Well
  - Destruction  (Describe destruction materials and procedures in Item 19)
- (4) PROPOSED USE:
- Domestic
  - Irrigation
  - Industrial
  - Test Well
  - Stock
  - Municipal
  - Other

113	140		
140	155		
155	162		
162	166		
166	173		
173	200		
200	260		
260	373		
373	417		
417	429		
429	438		
438	481		
481	488		
488	498		

(13) EQUIPMENT:

Reverse  Air  Bucket

(6) GRAVEL PACK: MODERATE

Yes  No  Size: 20#

Depth of bore: 50' to 460'

(8) PERFORATIONS: Filled

From ft	To ft	Slot size	Capacity: Gal
140	195		Blank
195	215		Blank
215	345		Blank
345	355		Blank
355	430		Blank
430	440		Blank

(9) WELL SEAL:

Well surface sanitary seal provided? Yes  No  If yes, to depth 50 ft.

Well strain sealed against pollution? Yes  No  Interval \_\_\_\_\_ ft.

Method of sealing: 6 3/4 Yards Cement

(10) WATER LEVELS:

Depth of first water, if known \_\_\_\_\_ ft.

Standing level after well completion \_\_\_\_\_ ft.

(11) WELL TESTS:

Was well test made? Yes  No  If yes, by whom? Holcomb

Type of test: Pump  Bailor  Air lift

Time to withdraw at start of test \_\_\_\_\_ ft. At end of test \_\_\_\_\_ ft.

Discharge: 250 gal/min after 24 hours. Water temperature: 66°F

Special analysis made? Yes  No  If yes, by whom? Tim Cleath

Was particle log made? Yes  No  If yes, attach copy to this report

Work started: 1-7-86 Completed: \_\_\_\_\_

WELL DRILLER'S STATEMENT:

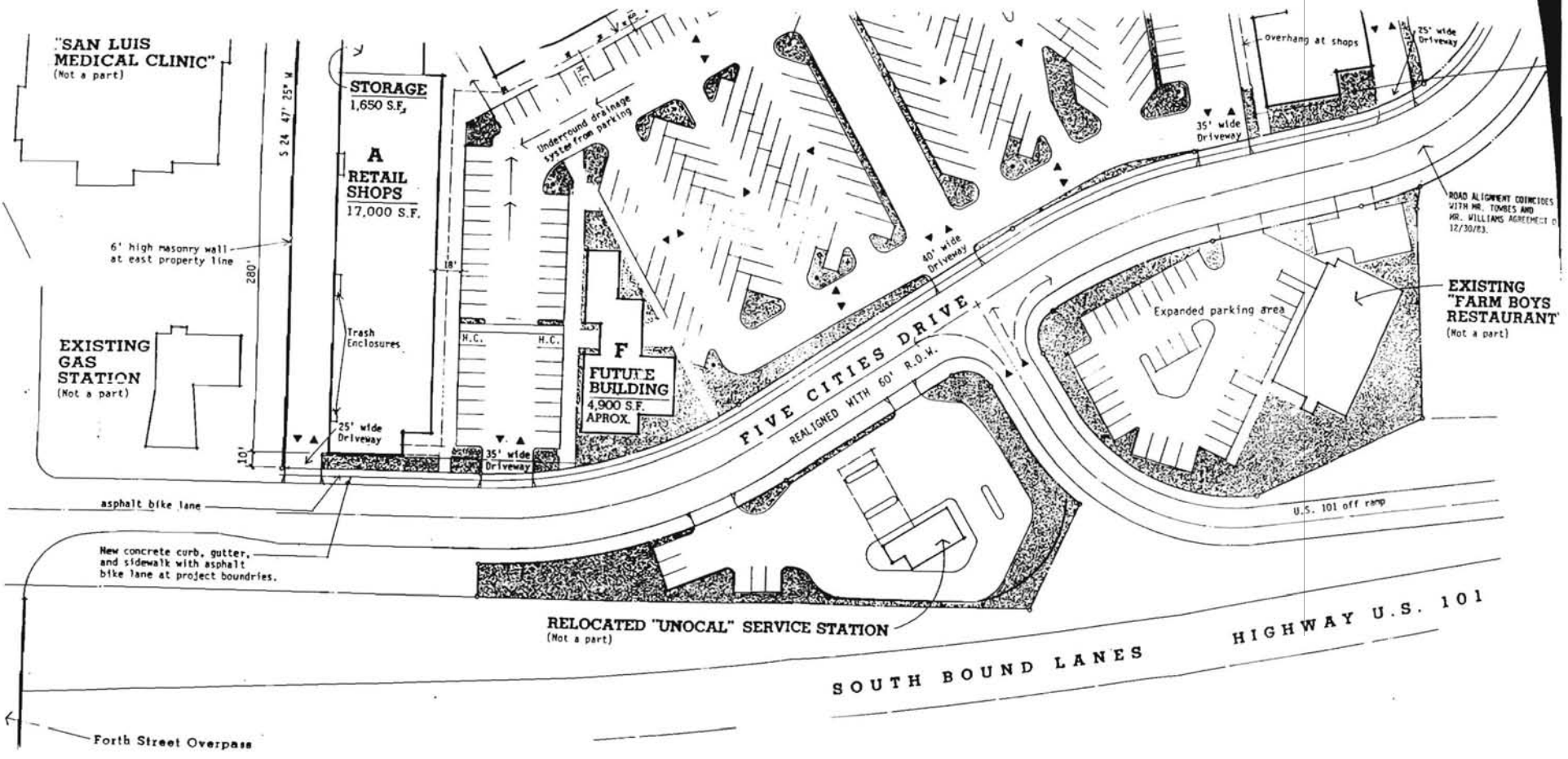
This well was drilled under my jurisdiction and the terms of my license, to the best of my knowledge and belief.

SIGNED: *Richard J. Myers* (Well Driller)

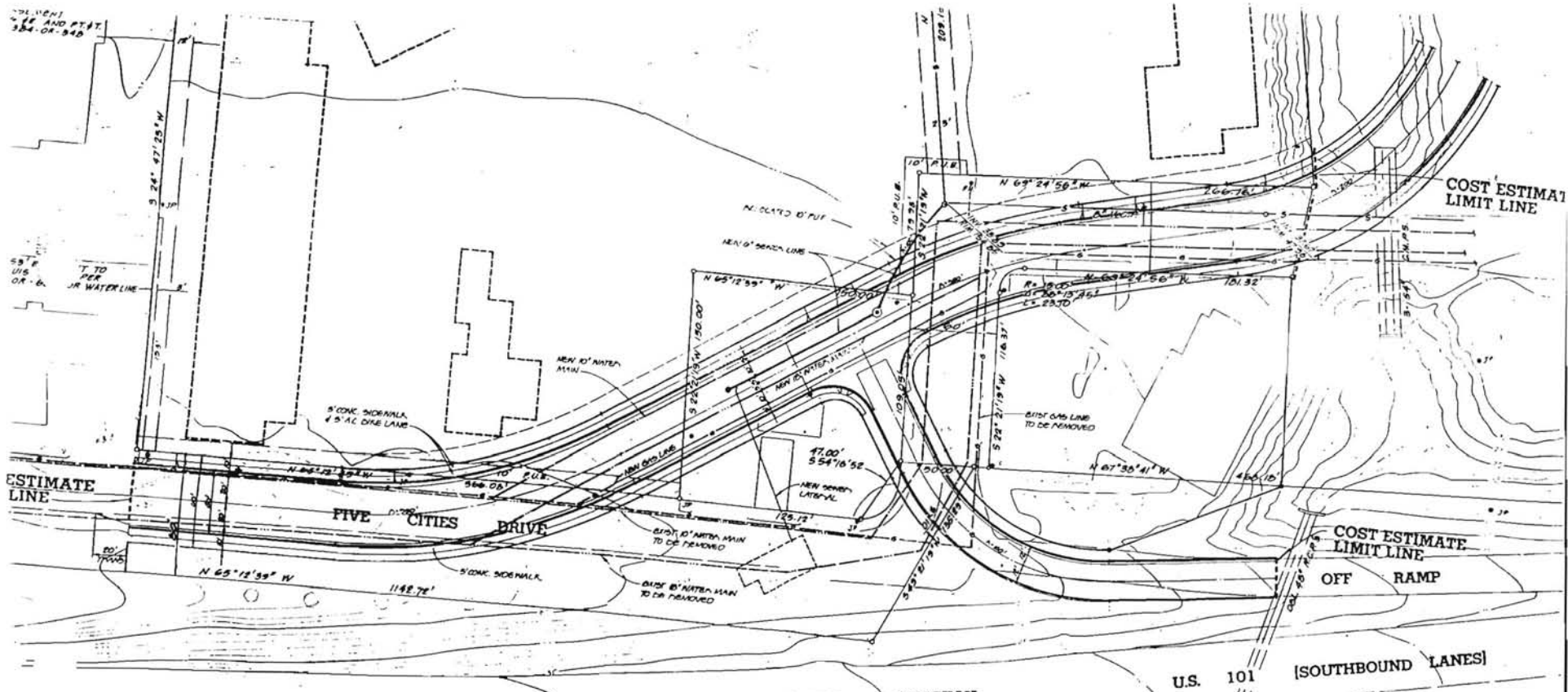
NAME: Myers Brothers, Inc. (Person, firm, or corporation) (Typed or printed)

Address: 8650 E. Lacey Blvd. City: Hanford, CA License No. 280310 Date of this report: 1-7-86

File Wall #10



Scheme 3, Alternate 1



CALIFORNIA STATE HIGHWAY

Cost Estimate - Scheme 3, Alternate 1

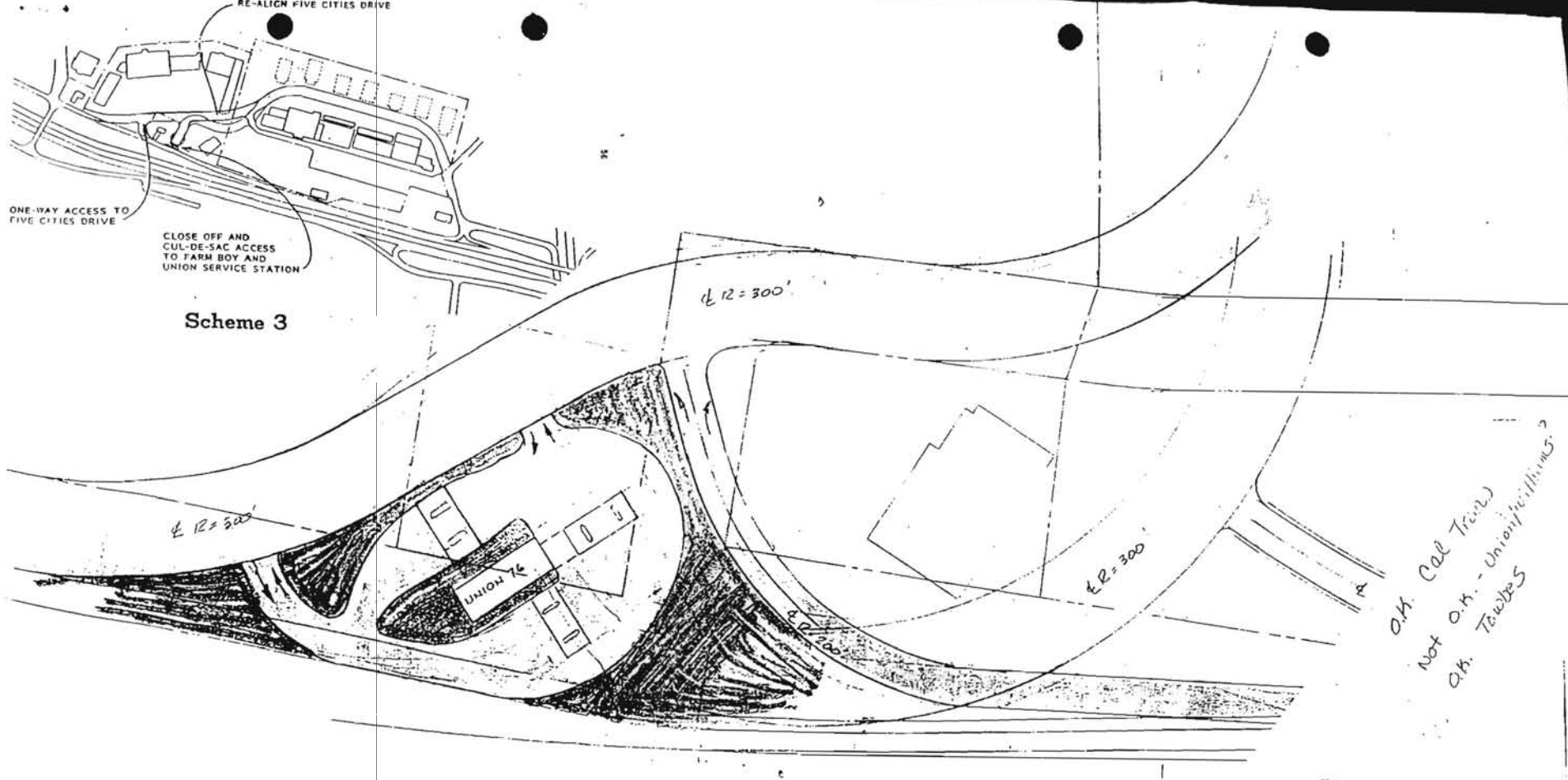
Street Improvements	\$123,346.00
Highway 101 Improvements	\$ 27,767.00
Utilities	\$131,490.00
Demolition	\$ 14,480.00
<b>Total</b>	<b>\$297,083.00</b>

RE-ALIGN FIVE CITIES DRIVE

ONE-WAY ACCESS TO FIVE CITIES DRIVE

CLOSE OFF AND CUL-DE-SAC ACCESS TO FARM BOY AND UNION SERVICE STATION

Scheme 3



OK. Call Trunk  
 Not OK. - Union Building  
 OK. Tables

Fred H. Schott & Associates  
 JAN 11 1985  
 PRINTED

Scheme 3, Alternate 1

AIT # 1



# HEALTH AGENCY

COUNTY OF SAN LUIS OBISPO



Reply to: Division of Environmental Health  
549-5544

Department of Public Health  
2191 Johnson Avenue • P.O. Box 1489  
San Luis Obispo, California 93406  
(805) 549-5500

May 13, 1985

City of Pismo Beach  
P.O. Box 3  
Pismo Beach, California 93449

85-156 #1  
85-157 #2

*File  
two wells*

This is to inform you that an inspection was made of your well site located on Section 18, Township 32 South, Range 13 East county of San Luis Obispo. Site is approved with the condition that no sewage disposal system will be constructed within 100 feet of the well, surface water or drainage swales. A greater separation of the well from a sewage disposal system may be required subject to requirements of the Regional Water Quality Control Board Basin Plan, ORDER 83-12, depending on separation of the ground water from the sewage trench bottom.

It is to your advantage to be certain that your well contractor provides the annular seal as required by law. The space between the well casing and the wall of the drilled hole (the annular space) shall be effectively sealed to protect against contamination or pollution by surface an/or shallow subsurface waters. The depth of the annular seal is dependent upon several factors and may range from twenty feet to more than fifty feet below the surface. The sealing material shall consist of neat cement, cement grout, concrete or a bentonite-gelatinous mud.

Whenever test holes are drilled, all undeveloped holes are required to be backfilled to prevent a safety hazard or the possible means of polluting ground waters. This, also is the responsibility of the land owner to require this of the well drilling contractor.

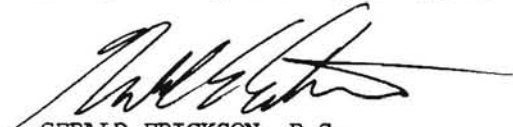
Final approval cannot be given until report from Myers Bros. well driller, has been received in this office.

**RECEIVED**  
MAY 14 1985

**CITY OF PISMO BEACH**  
FINANCE DEPT.

TM/GE:lb

TIM MAZZACANO, R.S., Director  
Division of Environmental Health

  
GERALD ERICKSON, R.S.  
Environmental Health Officer III

APPLICATION FOR WATER WELL PERMIT

San LUIS Obispo COUNTY  
DIVISION OF ENVIRONMENTAL HEALTH

Date 6/14/88

Permit No. 85-157

I, Myers Bros. Inc., hereby apply for a permit to construct  repair  or

abandon  a well located on Lot \_\_\_\_\_ Block \_\_\_\_\_ Tract \_\_\_\_\_

Or Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_

See ATTACHED MAP  
(Street Address or County Road)

Owner/Agent CITY OF PISMO BEACH

Address P.O. BOX 3 PISMO BEACH

Owner's Bond \_\_\_\_\_ Cash Deposit \_\_\_\_\_

Well Driller MYERS BROS INC 8650 E LAGUNA BLVD

Contractor's License Number \_\_\_\_\_

I hereby agree to comply with all laws and regulations of the San Luis Obispo County Health Department and the State of California pertaining to, or regulating well construction. Within fifteen days after completion of the well, I will furnish the County Health Department a log of the well and notify them before putting the well in use.

ACREAGE \_\_\_\_\_

Signed Myers Bros Inc by [Signature]  
Applicant

INTENDED USE

- \_\_\_\_\_ Industrial
- \_\_\_\_\_ Domestic Private
- \_\_\_\_\_ Domestic Public
- \_\_\_\_\_ Irrigation
- \_\_\_\_\_ Other

Fee Paid 60.00 5-3-13  
[Signature]

Comments: \_\_\_\_\_

Approved \_\_\_\_\_ Not Approved \_\_\_\_\_

Sanitarian \_\_\_\_\_ Date \_\_\_\_\_

Permit Expires 6 Months After Issue Date  
CD-927

Plot Plan on Reverse Side or Attached

APPLICATION FOR WATER WELL PERMIT

To: COUNTY OF SAN LUIS OBISPO HEALTH DIVISION

Date: 5-11-85

Permit No. 82-00

I, Myers Bros Inc, hereby apply for a permit to construct  or  or abandon  a well located on Lot \_\_\_\_\_ Block \_\_\_\_\_ Tract \_\_\_\_\_

Or Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_

See attached MAP

(Street Address or County Road)

Owner/Agent City of Pismo Beach

Address P.O. Box 3 Pismo Beach

Owner's Bond \_\_\_\_\_ Cash Deposit \_\_\_\_\_

Well Driller Myers Bros Inc 8650 E. Hwy 101

Contractor's License Number CS7 280310

I hereby agree to comply with all laws and regulations of the San Luis Obispo County Health Department and the State of California pertaining to, or regulating well construction. Within fifteen days after completion of the well, I will furnish the County Health Department a log of the well and notify them before putting the well in use.

ACREAGE \_\_\_\_\_

Signed Myers Bros Inc by David Henney Applicant

INTENDED USE

\_\_\_\_\_ Industrial

\_\_\_\_\_ Domestic Private

X \_\_\_\_\_ Domestic Public

\_\_\_\_\_ Irrigation

\_\_\_\_\_ Other

Fee Paid 60.00 5-3-85

Henney

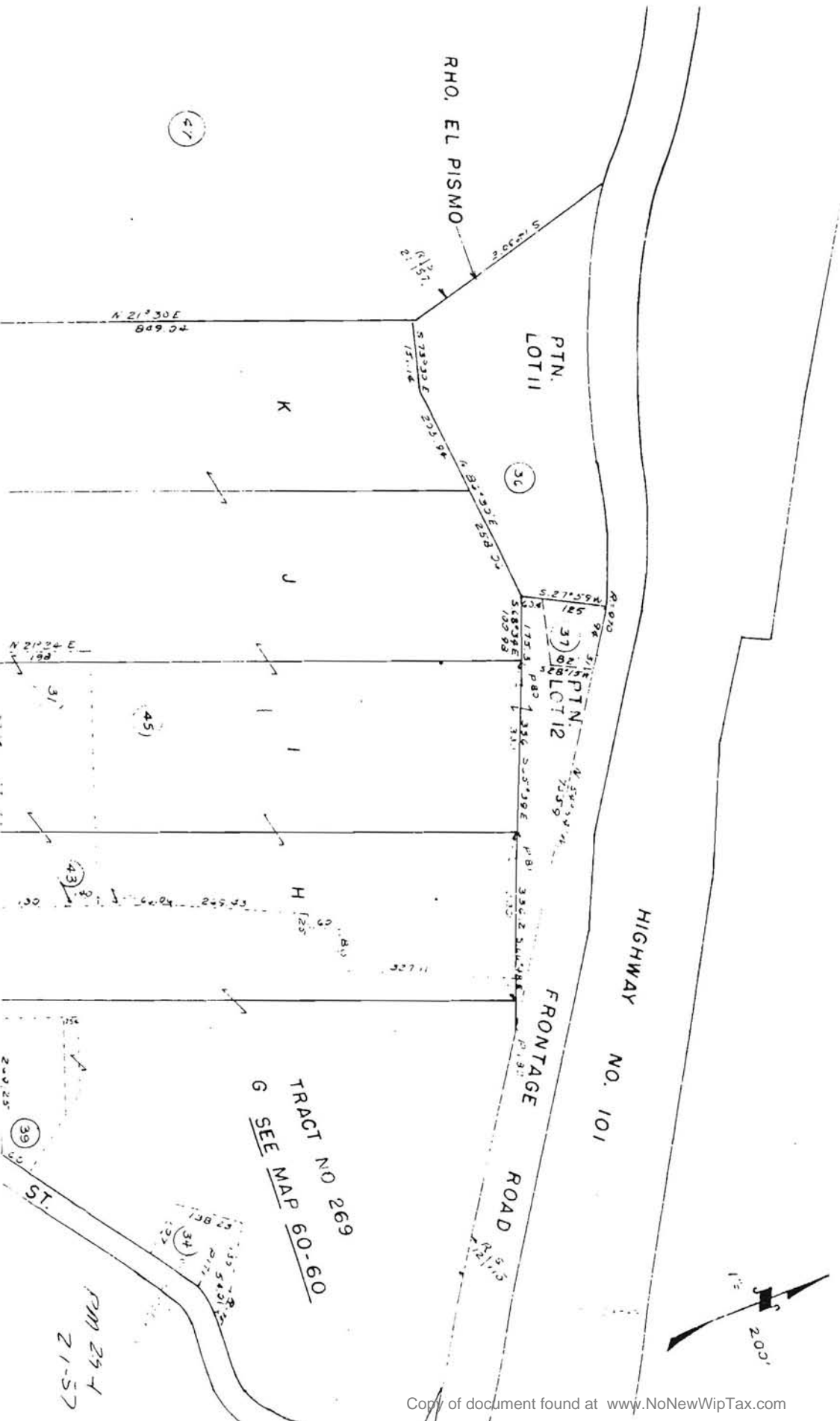
Comments: \_\_\_\_\_

Approved \_\_\_\_\_ Not Approved \_\_\_\_\_

Sanitarian \_\_\_\_\_ Date \_\_\_\_\_

Permit Expires 6 Months After Issue Date  
CD-927

Plot Plan on Reverse Side or Attached



TRACT 1080, R.M. 12-86

RHO, EL PISMO

PTN. LOT II

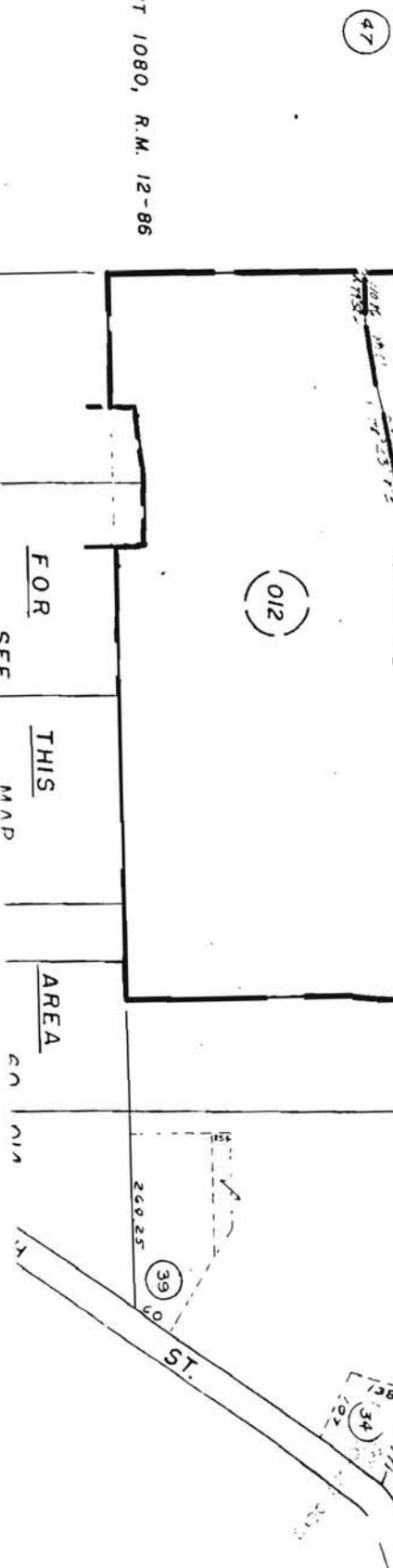
TR. 1080

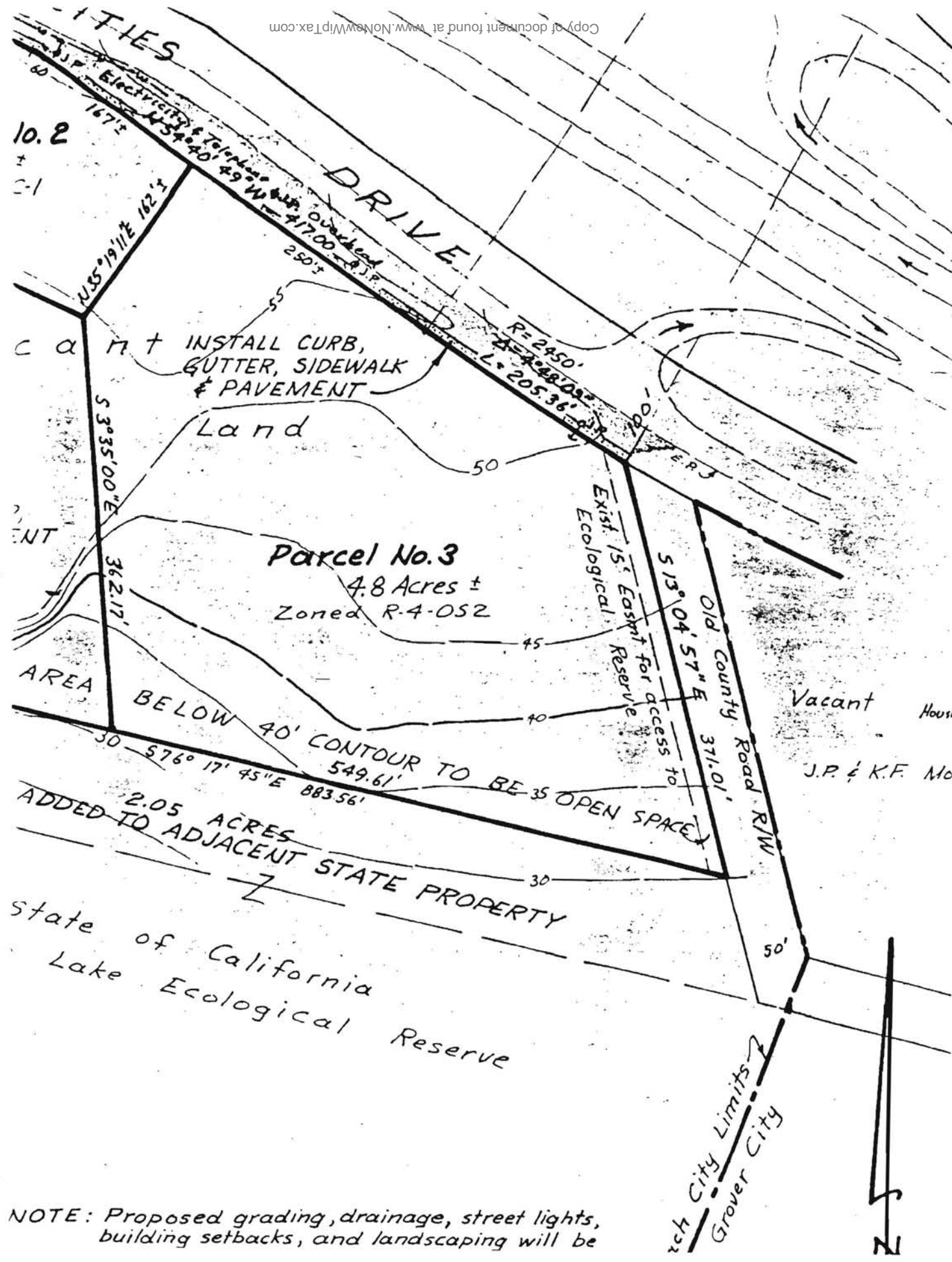
HIGHWAY NO. 101

FRONTAGE ROAD

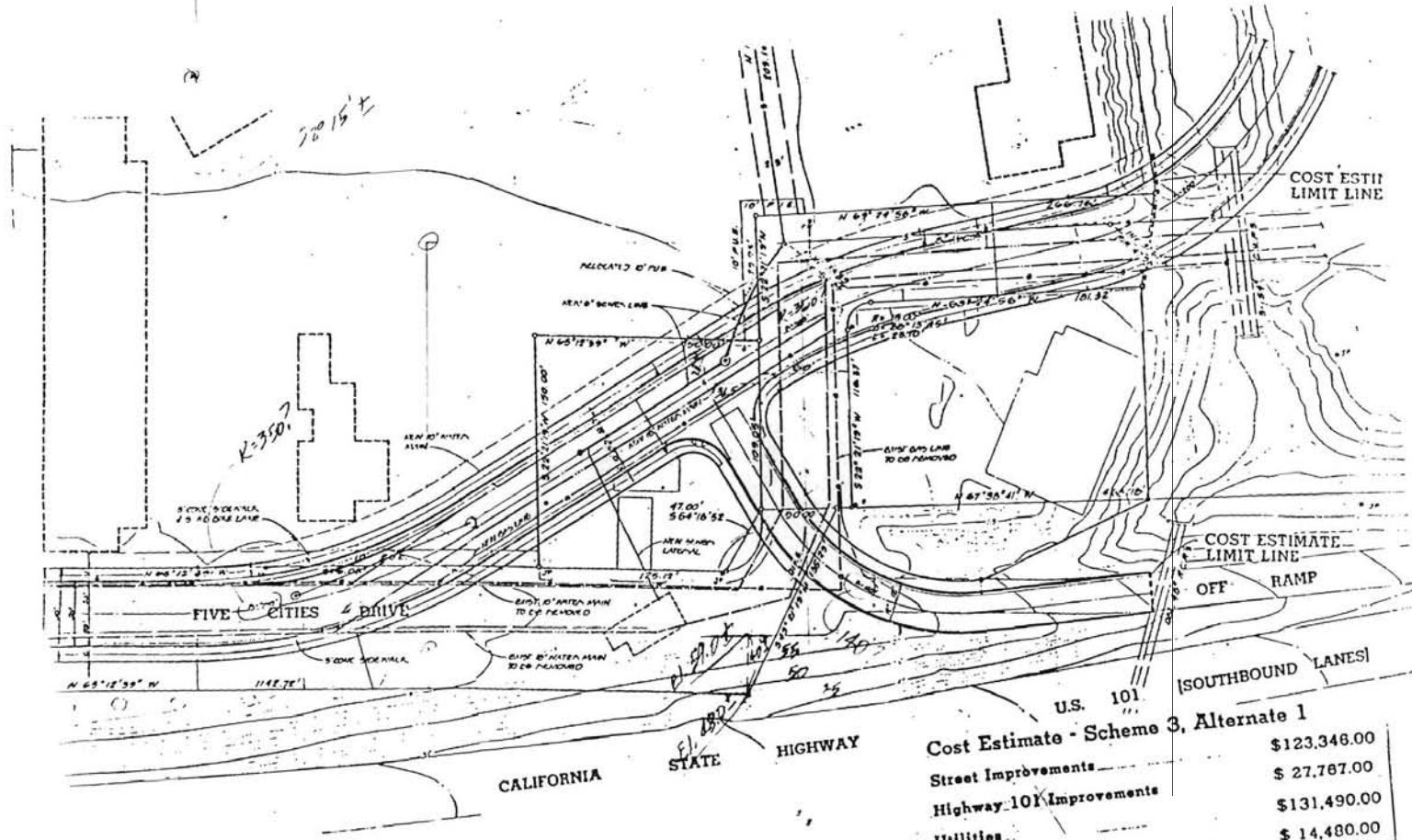
TRACT NO 269  
SEE MAP 60-60

FOR THIS AREA  
SFF MAP





NOTE: Proposed grading, drainage, street lights, building setbacks, and landscaping will be



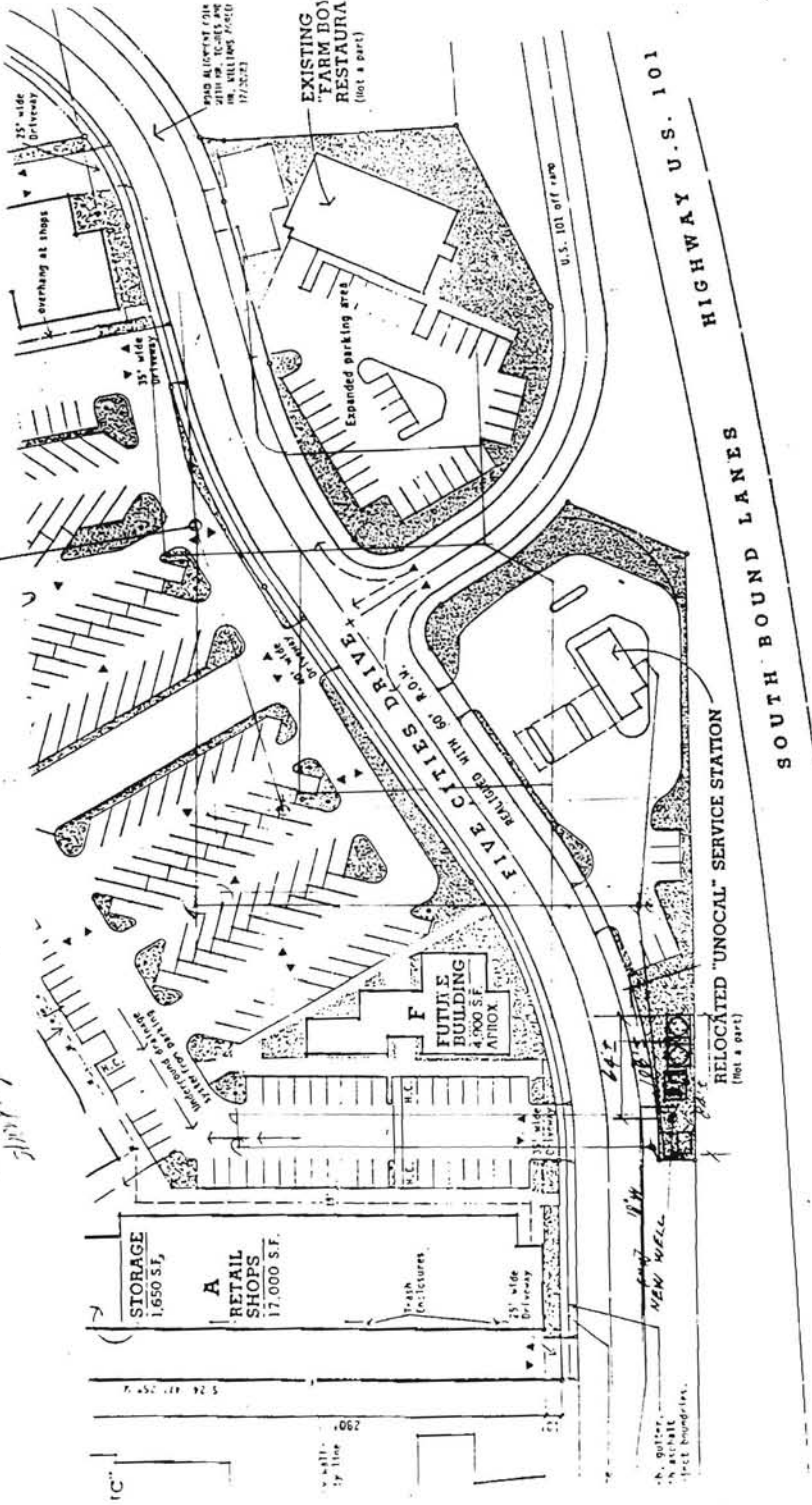
U.S. 101 SOUTHBOUND LANES

Cost Estimate - Scheme 3, Alternate 1

Street Improvements	\$123,346.00
Highway 101 Improvements	\$ 27,767.00
Utilities	\$131,490.00
Demolition	\$ 14,480.00
<b>Total</b>	<b>\$297,083.00</b>

EXHIBIT "C"

**EXHIBIT "B"**



**Scheme 3, Alternate 1**

*Jim Lloyd ERN Div. Assoc. 549-9658  
Tom Courtney 241-3150 East Development Assoc. 979 Co. S.L.D.  
Carter & Wilson, Inc. 879 Hobart St. L.A.*

*What does overhang mean?*



RESOLUTION NO. R-86-1

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PISMO BEACH AUTHORIZING THE FILING OF AN APPLICATION WITH THE STATE DEPARTMENT OF HEALTH TO PERMIT THE CONSTRUCTION AND OPERATION OF NEW WATER WELLS.

BE IT RESOLVED by the City Council of the City of Pismo Beach that pursuant and subject to all of the terms, conditions and provisions of Division 5, Part 1, Chapter 7, Sections 4010 to 4035 of the California Health and Safety Code and all amendments thereto, relating to domestic water supplies, application by this City be made to the State Department of Health, for a permit to construct and operate new wells #9, 10, & 11 to serve the City of Pismo Beach as shown on Exhibit A; and

BE IT FURTHER RESOLVED that the City Administrator of the City of Pismo Beach be and he is hereby authorized and directed to cause the necessary data to be prepared, and investigations to be made, and in the name of said City to sign and file such application with the said State Department of Health.

UPON MOTION of Councilmember Dillon, seconded by Councilmember Hubbard, the foregoing Resolution is hereby passed and adopted at a regular meeting of the City Council held this 13th day of January, 1986, on the following roll call vote, to wit:

AYES: Dillon, Hubbard, Hearn, Eldwayen.  
NOES: None.  
ABSTAIN: None.  
ABSENT: Carter.

[Signature]  
Nebb Eldwayen  
Mayor

ATTEST:

APPROVED AS TO FORM:

[Signature]  
Terry A. Briscoe  
City Clerk

[Signature]  
A.J. Shaw, Jr.  
City Attorney

I HEREBY CERTIFY THE FOREGOING IS A TRUE AND CORRECT COPY OF  
RESOLUTION NO. R-86-1 ADOPTED BY THE CITY COUNCIL OF  
THE CITY OF PISMO BEACH AT A REGULAR MEETING HELD ON THE  
13th DAY OF JANUARY, 1986.  
[Signature]  
Deputy City Clerk

034

Environmental Protection Agency  
Office of Enforcement

CENTRAL COAST ANALYTICAL SERVICES *File Water*  
141 Suburban Rd. Ste. C-4 *Treat Pl*  
San Luis Obispo, CA 93401  
(805) 543-2553 Fax# (805) 543-2685

CHAIN OF CUSTODY RECORD

Project No.		Project Name: <i>CITY OF PISMO BEACH - PISMO, CA</i> <i>4th St. &amp; 5 cities dr. treatment plant</i>				No. of Containers	<i>T. Olson + [unclear] MN.</i>							
Samplers: (Signature) <i>Robert Sanett</i>														
Sta. No.	Date	Time	Comp.	Grab	Station Location						Remarks			
<i>#1</i>	<i>6-9</i>	<i>3:40</i>		<i>X</i>	<i>Well #9</i>						<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>
<i>#2</i>	<i>6-9</i>	<i>3:42</i>		<i>X</i>	<i>Well #10</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>5367</i>				
<i>#3</i>	<i>6-9</i>	<i>3:44</i>		<i>X</i>	<i>Effluent water</i>	<i>1</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>5368</i>				
Relinquished by:		Date	Time	Received by:		Relinquished by:		Date	Time	Received by:				
<i>[Signature]</i>		<i>6-9-88</i>	<i>15:45</i>	<i>Robert Sanett</i>										
Relinquished by:		Date	Time	Received by:		Relinquished by:		Date	Time	Received by:				
Relinquished by:		Date	Time	Received by:		Additional Remarks:								

TOTAL TIME: 30 min.  
TOTAL MILES: 22

Environmental Protection Agency  
Office of Enforcement

CENTRAL COAST ANALYTICAL SERVICES  
141 Suburban Rd. Ste. C-4  
San Luis Obispo, CA 93401  
(805) 543-2553 Fax# (805) 543-2685

*File*

CHAIN OF CUSTODY RECORD

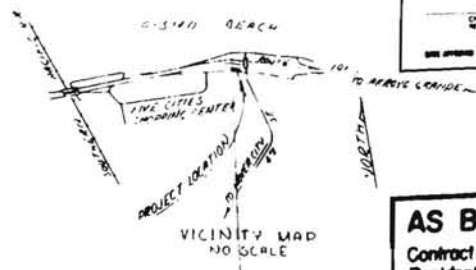
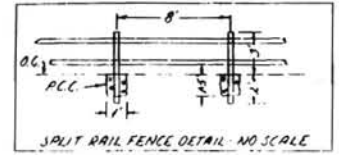
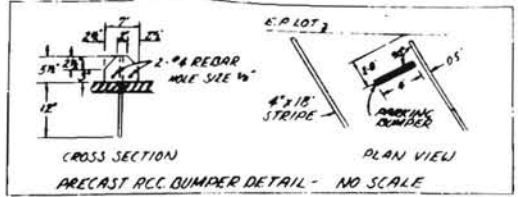
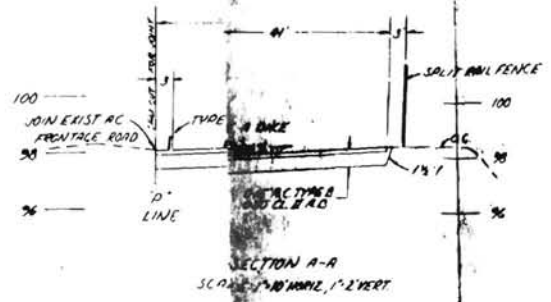
Project No.		Project Name: <i>CITY OF PISMO BEACH - PISMO, CA</i> <i>4<sup>th</sup> St. &amp; 5 cities dr. treatment plant</i>				No. of Containers	<i>TECON</i> <i>4</i> <i>MIN.</i>				Remarks
Samplers: (Signature) <i>Robert Sanett</i>											
Sta. No.	Date	Time	Comp.	Grab	Station Location						
<i>#1</i>	<i>6-9</i>	<i>3:40</i>		<i>X</i>	<i>Well #9</i>	<i>1</i>	<i>X</i>			<i>E-5366</i>	
<i>#2</i>	<i>6-9</i>	<i>3:42</i>		<i>X</i>	<i>Well #10</i>	<i>1</i>	<i>X</i>			<i>5367</i>	
<i>#3</i>	<i>6-9</i>	<i>3:44</i>		<i>X</i>	<i>Effluent water</i>	<i>1</i>	<i>X</i>			<i>5368</i>	
Relinquished by:		Date	Time	Received by:		Relinquished by:		Date	Time	Received by:	
<i>EEK</i>		<i>6-9-88</i>	<i>15:45</i>	<i>Robert Sanett</i>							
Relinquished by:		Date	Time	Received by:		Relinquished by:		Date	Time	Received by:	
Relinquished by:		Date	Time	Received by:		Additional Remarks:					

TOTAL TIME: 30 min.  
TOTAL MILES: 22

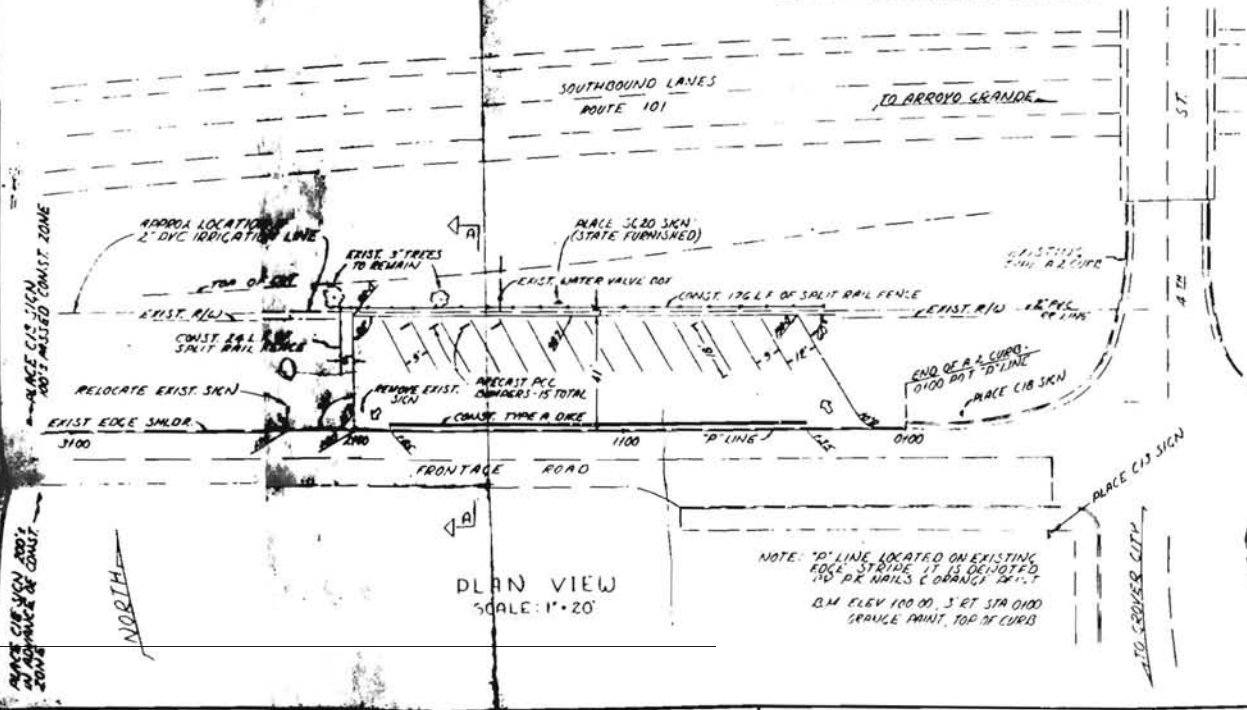
NS	510	101	15 G	1	1
----	-----	-----	------	---	---

*[Signature]*  
DISTRICT DIRECTOR OF TRANSPORTATION  
REGISTERED CIVIL ENGINEER NO. 12,282

CHEF OF STAFF OF OFFICE ENGINEER  
REGISTERED CIVIL ENGINEER NO.  
4-20-83



**AS BUILT PLANS**  
Contract No. 05-294906 W-5143  
Resident Engineer G. K. ANANE  
Date 10-26-83



**LOCATION MAP**

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON  
**STATE HIGHWAY**  
IN SAN LUIS OBISPO COUNTY  
IN THE CITY OF PISMO BEACH  
ON FOURTH ST.

**CONSTRUCT PARK & RIDE LOT**

To be supplemented by Standard Plans dated January, 1981

Contract No. 05-5143

NOTE: "D" LINE LOCATED ON EXISTING  
ROAD STRIPE IT IS DELETED,  
AND 4\"/>

FOR REVISION PLANS  
GENERAL SCALE IS IN INCHES

CITY OF PISMO BEACH, CALIFORNIA



APPENDIX F-3  
NOTICE OF EXEMPTION

TO:  Office of Planning and Research  
1400 Tenth St., Room 121  
Sacramento, CA 95814

County Clerk  
County of San Luis Obispo

FROM: Department of Public Services  
City of Pismo  
P.O. Box 3  
Pismo Beach, CA 93449

PROJECT TITLE: Oak Park Wells

PROJECT LOCATION (Specific): near the intersection of 4th street and the freeway

PROJECT LOCATION (City): Pismo Beach

PROJECT LOCATION (County): San Luis Obispo County

DESCRIPTION OF NATURE, PURPOSE, AND BENEFICIARIES OF PROJECT: Installation of three (3) new wells to replace three (3) old City wells as shown on exhibit A

PUBLIC AGENCY APPROVING PROJECT: City of Pismo Beach

PERSON OR AGENCY CARRYING OUT PROJECT: Department of Public Services

EXEMPT STATUS : (Check one)

- Ministerial (Sec. 15073)
- Declared Emergency (Sec. 15071 (a))
- Emergency Project (Sec. 15071 (b) and (c))
- Categorical Exemption (State type and section number); Class 2.C

REASONS WHY PROJECT IS EXEMPT: Wells #9, 10 and 11 will replace Wells #1,3, and 4 which were abandoned. Water is approximately the same.

CONTACT PERSON: Hal Halldin; TELEPHONE: (805) 773-4656

If filed by applicant, (1) attach certified document of exemption finding, (2) Has a notice of exemption been filed by the public agency approving the project? Yes  No

1-14-86  
Date received for filing  
FILED AND POSTED BY  
Governor's Office of  
Planning and Research

Dave Watson  
Director of Public Services

APR 02 1986

07100-0502

CITY OF PISMO BEACH, CALIFORNIA



APPENDIX F-3  
NOTICE OF EXEMPTION

TO:   x   Office of Planning and Research  
1400 Tenth St., Room 121  
Sacramento, CA 95814  
  
  x   County Clerk  
County of San Luis Obispo

(ENDORSED)  
**FILED**

APR 1 1986

FROM: Department of Public Services  
City of Pismo  
P.O. Box 3  
Pismo Beach, CA 93449

FRANCIS M. COONEY, COUNTY CLERK  
By Francis M. Cooney  
DEPUTY CLERK

PROJECT TITLE: Oak Park Wells

PROJECT LOCATION (Specific): near the intersection of 4th street and the freeway

PROJECT LOCATION (City): Pismo Beach

PROJECT LOCATION (County): San Luis Obispo County

DESCRIPTION OF NATURE, PURPOSE, AND BENEFICIARIES OF PROJECT: Installation of three (3) new wells to replace three (3) old City wells as shown on exhibit A

PUBLIC AGENCY APPROVING PROJECT: City of Pismo Beach

PERSON OR AGENCY CARRYING OUT PROJECT: Department of Public Services

EXEMPT STATUS : (Check one)  
       Ministerial (Sec. 15073)  
       Declared Emergency (Sec. 15071 (a))  
       Emergency Project (Sec. 15071 (b) and (c))  
  x   Categorical Exemption (State type and section number): Class 2.C

REASONS WHY PROJECT IS EXEMPT: Wells #9, 10 and 11 will replace Wells #1,3, and 4 which were abandoned. Water is approximately the same.

CONTACT PERSON: Hal Halldin; TELEPHONE: (805) 773-4656  
If filed by applicant, (1) attach certified document of exemption finding, (2) Has a notice of exemption been filed by the public agency approving the project? Yes   x   No       

1-14-86  
Date received for filing

[Signature]  
Dave Watson  
Director of Public Services

CITY OF PISMO BEACH, CALIFORNIA



CITY HALL  
1000 BELLO ST. • P.O. BOX 3  
PISMO BEACH, CALIFORNIA, 93449  
TELEPHONE 805/773/4657

Mr. Don Helfin  
Caltrans  
410 N. McClelland  
Santa Maria, CA 93454

March 26, 1986

Ref: DW101

Re: Letter of February 27, 1986

*File Well #10*

Dear Sir:

For some time I have had your referenced letter, trying to determine exactly the most appropriate way to respond to your opinions. Rather than resist any longer, I think it would be to your benefit to set you straight.

The property you refer to was relinquished to the County of San Luis Obispo, and subsequently the City of Pismo Beach on or about June 20, 1956. Please check your right-of-way maps using the following references:

File No. 745  
Parcel No. 7  
Record No. 9-21-56/865 O.R. 135

If you cannot find these records, please check with one of my secretaries and we will make ours available to you.

In so far as our well project, it is not, as of this date, completed and we will decide when and what condition we will return the adjoining area after this project is complete.

While I have your attention, possibly you can clear up something for me. I have been unable to locate any City records authorizing or agreeing to your construction of the nearby "Park-and-Ride" facility. This is important as of this date because we are planning to widen Five Cities Drive in this area and most likely said widening will occur into our property here.

Thank you for your attention.

Sincerely,

A handwritten signature in cursive script, appearing to read "Dave Watson".

Dave Watson  
Director of Public Services

DW/dv

*File Well #10*

TO: Hal Halldin  
City Engineer

FROM: Cathy Simonich *CS*  
Deputy City Clerk

DATE: September 2, 1987

SUBJECT: BID LIST

Mr. Doug Enloe of Enloe Well Drilling, called and asked that he be put on the City's Bid List for any well drilling to be considered. His address is:

Enloe Well Drilling  
485 Hazel Lane  
Nipomo, CA 93444

/cs



Central  
Coast  
Analytical  
Services

Central Coast  
Analytical Services  
141 Suburban Road, Suite C-4  
San Luis Obispo, California 93401  
(805) 543-2553

Lab Number: D-7662  
Collected: 10/01/87  
Received: 10/01/87  
Tested: As Listed  
Collected by: Roger Perry of CCAS

City of Pismo Beach  
1000 Bello Street  
Pismo Beach, CA 93449

Sample Description:  
Well #9

REPORT

CONSTITUENT	METHOD/DATE/ANALYST	DETECTION LIMIT	LEVEL FOUND -mg/l
SULFIDE	376.1 10/01/87 LD DUPLICATE	0.1	<0.1 <0.1
CARBON DIOXIDE	SM 406B 10/01/87 RFP DUPLICATE	0.01	50. 50.

D7662PB.WR1  
MH/ke

Respectfully submitted,  
CENTRAL COAST ANALYTICAL SERVICES  
*Mary Havlicek*  
Mary Havlicek, Ph.D., President

Central  
Coast  
Analytical  
Services

Central Coast  
Analytical Services  
141 Suburban Road, Suite C-4  
San Luis Obispo, California 93401  
(805) 543-2553

Lab Number: D-7661  
Collected: 10/01/87  
Received: 10/01/87  
Tested: As Listed  
Collected by: Roger Perry of CCAS

*File  
Water Street RL*

City of Pismo Beach  
1000 Bello Street  
Pismo Beach, CA 93449

Sample Description:

Well #10

REPORT

CONSTITUENT	METHOD/DATE/ANALYST	DETECTION LIMIT	LEVEL FOUND -mg/l
SULFIDE	376.1 10/01/87 LD	0.1	4.3
	DUPLICATE		4.5
CARBON DIOXIDE	SM 406B 10/01/87 RFP	0.01	35.
	DUPLICATE		40.

D7661PB.WR1  
MH/ke

Respectfully submitted,  
CENTRAL COAST ANALYTICAL SERVICES  
*Mary Havlicek*  
Mary Havlicek, Ph.D., President

# GEO-HYDRO-DATA

INCORPORATED

## ELECTRIC WELL LOG

REF 5145

WELL NO. 10  
 FIELD PISMO COUNTY SLO STATE CALIF  
 COMPANY CITY OF PISMO  
 WELL NO. 10  
 FIELD PISMO  
 COUNTY SLO STATE CALIF.  
 LOCATION TYPE LOG  
 SP  
 PK  
 6' LATERAL  
 Sec. Twp. Rge.

Permanent Datum GROUND LEVEL Elev. K. B.  
 Measured From G.L. 0 Ft. Above Perm. Datum D. F.  
 Measured From G.L. G. L.

Date	DEC. 17, 1985			
Drill No.	1			
Depth - Driller	465	ft.		ft.
Depth - GHD	464	ft.		ft.
Log Inter.	463	ft.		ft.
Log Inter.	9	ft.		ft.
Driller		in. @	ft.	in. @
GHD		ft.		ft.
Size	4 3/4	in. to	465	ft. to
Size		in. to		ft. to
Size		in. to		ft. to
Fluid in Hole	clay gel			
Depth of Sample	pit			
YDS	400			
Level	full			
Loss				
Temp.				
Temp.				
Temp.				
Since Circ.				

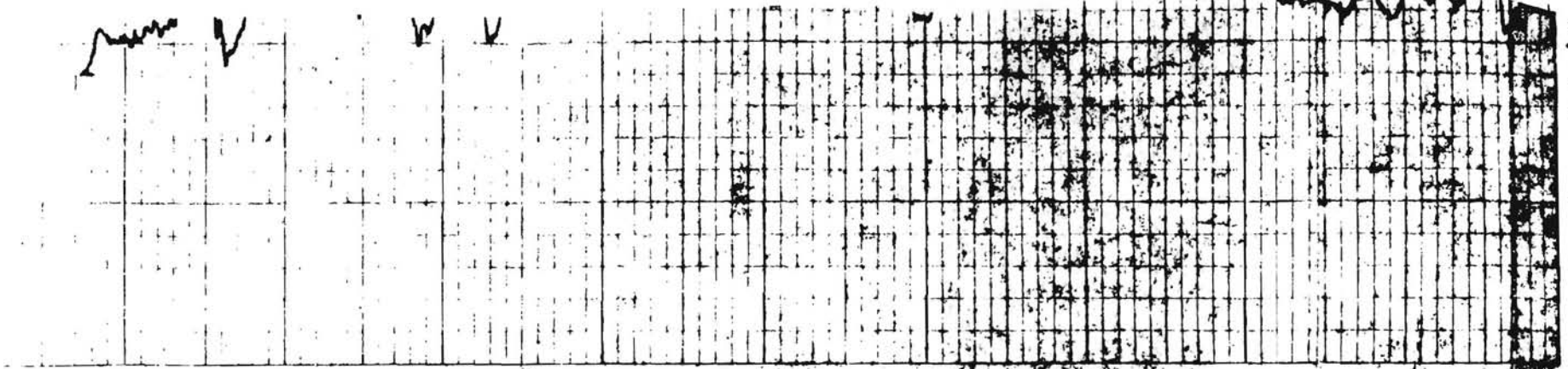
LOG GEOLOGIST: TIM CLEATH  
 2 ROTARY

SCALE CHANGES			
Type Log	Depth	Scale Up Hole	Scale Down Hole

we are not responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers. Interpretations are also subject to Clause 6 of our General Terms and Conditions as set out in our current Price Schedule.

SUMMERS

POTENTIAL	DEPTH	POINT RESISTIVITY
MV+		5 OHM
		6' LATERAL
		25 OHMS
		50 OHMS



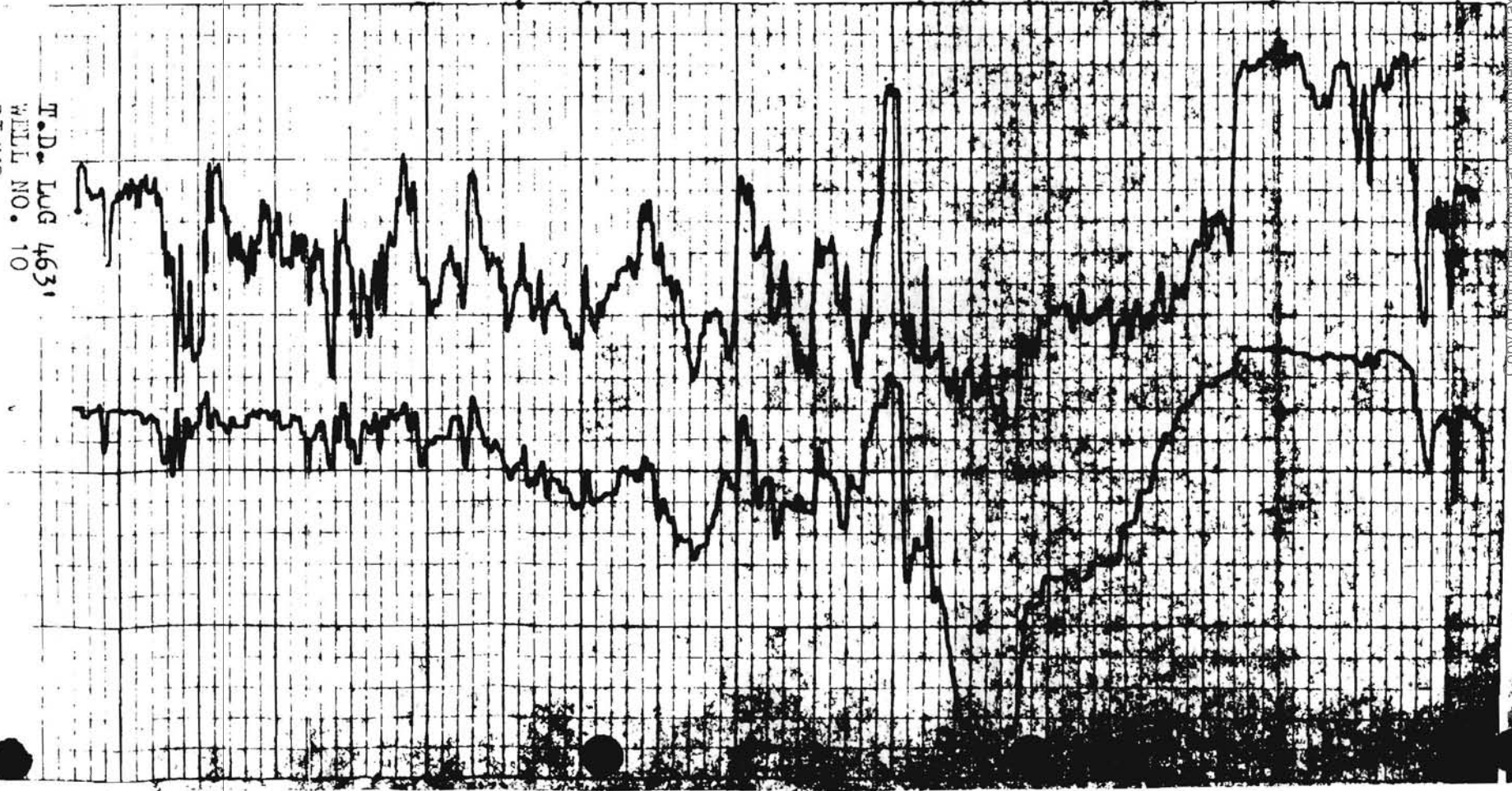
400

300

200

100

T.D. Log 4631  
WELL NO. 10  
PISMO



## DEPARTMENT OF HEALTH SERVICES

Sanitary Engineering Branch  
P. O. Box 4339  
Santa Barbara, CA 93140-4339  
(805) 963-8616



April 3, 1986

City of Pismo Beach  
P. O. Box 3  
Pismo Beach, CA 93449

Attention: Mr. Hal Halldin  
City Engineer

Gentlemen:

SYSTEM NO. 40-008

The City has failed to file the Notice of Exemption for the Oak Park Wells with the San Luis Obispo County Clerk. In order to meet the CEQA requirements, the exemption report has to be filed. Please file the report and send us a copy with the filing date within 7 days.

Sincerely,

A handwritten signature in black ink that reads "John Curphey".

John Curphey, P.E.  
District Sanitary Engineer

cc: San Luis Obispo County Health Agency  
JNC/PG:seh



# State of California

GOVERNOR'S OFFICE  
OFFICE OF PLANNING AND RESEARCH  
1400 TENTH STREET  
SACRAMENTO 95814

GEORGE DEUKMEJIAN  
GOVERNOR

April 2, 1986

Hal Halldin  
The City of Pismo Beach  
Department of Public Services  
P.O. Box 3  
Pismo Beach, CA 93449

**FOR YOUR INFORMATION:**

Local agencies are not required to file the Notice of Exemption with the Governor's Office of Planning and Research.

See Section 15062, CEQA Guidelines, Title 14, Division 6 of the California Administrative Code and under Section 21152(b) of CEQA in the Public Resources Code.

If you have further questions, please call 916/323-7480.

Sincerely,

A handwritten signature in cursive script, appearing to read "John B. Ohanian".

John B. Ohanian  
Chief Deputy Director  
Office of Planning and Research

Central  
Coast  
Analytical  
Services

**CENTRAL COAST  
ANALYTICAL SERVICES**  
Air, Water & Hazardous Waste Analysis  
141 Suburban Road, Suite C-4  
San Luis Obispo, California 93401  
(805) 543-2553

LAB NUMBER : B-2199  
COLLECTED : 6/25/85  
RECEIVED : 6/25/85  
REPORTED : 7/30/85  
P.O. NUMBER : Verbal

Submitted By:

City of Pismo Beach  
1000 Bello St.  
Pismo Beach, CA 93449

SAMPLE DESCRIPTION:

Test well at 4th St & Hwy 101  
Collected by:  
Tim Cleath

**GENERAL MINERAL WATER ANALYSIS**

CONSTITUENT	MILLIGRAMS/LITER	CONSTITUENT	UNITS
CALCIUM (Ca)	- 130.	pH	- 6.1
MAGNESIUM (Mg)	- 73.	CONDUCTANCE (micromhos)	- 2500.
SODIUM (Na)	- 250.	SOLIDS, TOTAL DISSOLVED (mg/l)	- 1750.
ALKALINITY		HARDNESS, TOTAL (CaCO <sub>3</sub> , mg/l)	- 600.
Bicarbonate (HCO <sub>3</sub> )	- 160.	or (grains per gallon)	- 35.1
Carbonate (CO <sub>3</sub> )	- none	IRON (mg/l Fe)	- 2.7
Hydroxide (OH)	- none	MANGANESE (mg/l) Mn	- 0.83
Total	- 160.	COPPER (Cu, mg/l)	- <0.02
CHLORIDE (Cl)	- 490.	ZINC (Zn, mg/l)	- <0.02
SULFATE (SO <sub>4</sub> )	- 370.	FOAMING AGENT (MBAS), mg/l)	- <0.04
NITRATE NITROGEN	- 0.3		
NITRATE (NO <sub>3</sub> )	- 1.3	<b>GENERAL PHYSICAL</b>	
FLUORIDE (F)	- 0.89	COLOR	- <15.
		ODOR (sulfide)	- 20.
		TURBIDITY (not filtered)	- 2.4

mg/l = milligrams per liter

**COMMENTS:** (Reference limits Title 22, California Admin. Code 1977, Domestic Water)

- Checklist for reference levels enclosed.
- All constituents analyzed were within the acceptable limits.
- Evaluation of above report was not done.
- Constituents outside limits were: **Iron, Manganese, Total Mineral, Odor**
- Suggestions for improving the quality of this water:
  - Aeration  When nitrate is elevated suggest bacteria test.
  - Chlorination  Reverse osmosis reduces total mineral.
  - Filtration  Discuss problems with water conditioning consultant.
  - Softening  Quality appears adequate.

Please contact us if further clarification is desired on this report.  
Medical questions should be directed to a physician.

Encl: Invoice # **9040**  
MH/dm

Respectfully submitted,  
**CENTRAL COAST ANALYTICAL SERVICES**

cc: **Tim Cleath**

By *Mary Havlicek*

Mary Havlicek, Ph.D., President  
CERTIFIED WATER LABORATORY—STATE OF CALIF. DEPT. PUBLIC HEALTH-CHEMISTRY-BACTERIOLOGY

ALL REPORTS ARE SUBMITTED AND ACCEPTED AS THE EXCLUSIVE PROPERTY OF CLIENTS. AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES ANY ADVERTISING OR PUBLICATION OF REPORTS IN WHOLE OR IN PART IS RESERVED PENDING WRITTEN AUTHORIZATION FROM THESE LABORATORIES. LABORATORY LIABILITY IS LIMITED TO COST OF SERVICES.

Central  
Coast  
Analytical  
Services

**CENTRAL COAST  
ANALYTICAL SERVICES**  
Air, Water & Hazardous Waste Analysis  
141 Suburban Road, Suite C-4  
San Luis Obispo, California 93401  
(805) 543-2553

LAB NUMBER : B-2199  
COLLECTED : 6/25/85  
RECEIVED : 6/25/85  
REPORTED : 7/30/85  
P.O. NUMBER : Verbal

Submitted By:

City of Pismo Beach  
1000 Bello St.  
Pismo Beach, CA 93449

SAMPLE DESCRIPTION:

Test well at 4th St & Hwy 101  
Collected by:  
Tim Cleath

REPORT

CONSTITUENT	REPORTED AS	LEVEL FOUND
ALUMINUM	Al	---
ARSENIC	As	<0.01
BARIUM	Ba	<0.1
BERYLLIUM	Be	---
CADMIUM	Cd	<0.001
CHROMIUM, TOTAL	Cr	0.002
CHROMIUM, HEXAVALENT	Cr(VI)	---
COBALT	Co	---
COPPER	Cu	---
LEAD	Pb	<0.006
MERCURY	Hg	<0.0002
MOLYBDENUM	Mo	---
NICKEL	Ni	---
SELENIUM	Se	<0.005
SILVER	Ag	<0.001
THALLIUM	Tl	---
VANADIUM	V	---
ZINC	Zn	---
SILICA	SiO <sub>2</sub>	50.

<-means less than and this is the detection limit as applied to this analysis.

Encl: Invoice # 9040  
MH/dm

Respectfully submitted,  
CENTRAL COAST ANALYTICAL SERVICES

By *Mary Havlicek*

Mary Havlicek, Ph.D., President

cc: Tim Cleath

CERTIFIED WATER LABORATORY BY THE DEPARTMENT OF PUBLIC HEALTH FOR COMPLETE CHEMICAL AND BACTERIOLOGY

ALL REPORTS ARE SUBMITTED AND ACCEPTED AS THE EXCLUSIVE PROPERTY OF CLIENTS. AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES ANY ADVERTISING OR PUBLICATION OF REPORTS IN WHOLE OR IN PART IS RESERVED PENDING WRITTEN AUTHORIZATION FROM THESE LABORATORIES. LABORATORY LIABILITY IS LIMITED TO COST OF SERVICES.



Central  
Coast  
Analytical  
Services

**CENTRAL COAST  
ANALYTICAL SERVICES**  
Air, Water & Hazardous Waste Analysis  
141 Suburban Road, Suite C-4  
San Luis Obispo, California 93401  
(805) 543-2553

LAB NUMBER **B-2199**  
COLLECTED 6/25/85  
RECEIVED 6/25/85  
REPORTED 7/30/85  
P.O. NUMBER : Verbal

Submitted By:

City of Pismo Beach  
1000 Bello St.  
Pismo Beach, CA 93449

SAMPLE DESCRIPTION:

Test well at 4th St. & Hwy 101  
Collected by:  
Tim Cleath

**REPORT**

CONSTITUENT	REPORTED AS	LEVEL FOUND
SODIUM	meq/l Na	11.
CALCIUM	meq/l Ca	6.5
SAR	meq/l	4.4
BICARBONATE	meq/l HCO <sub>3</sub>	2.6
CHLORIDE	meq/l Cl	13.7
SULFATE	meq/l SO <sub>4</sub>	7.7
MAGNESIUM	meq/l Mg	5.8

(<- means less than and this level is the detection limit as applied to this analysis.

Encl: Invoice # **9040**  
MH/dm

Respectfully submitted,  
CENTRAL COAST ANALYTICAL SERVICES

By *Mary Havlicek*

Mary Havlicek, Ph.D., President

cc: Tim Cleath

CERTIFIED WATER LABORATORY BY THE DEPARTMENT OF PUBLIC HEALTH FOR COMPLETE CHEMICAL AND BACTERIOLOGY

ALL REPORTS ARE SUBMITTED AND ACCEPTED AS THE EXCLUSIVE PROPERTY OF CLIENTS. AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES ANY ADVERTISING OR PUBLICATION OF REPORTS IN WHOLE OR IN PART IS RESERVED PENDING WRITTEN AUTHORIZATION FROM THESE LABORATORIES. LABORATORY LIABILITY IS LIMITED TO COST OF SERVICES.

Central  
Coast  
Analytical  
Services

**CENTRAL COAST**  
**ANALYTICAL SERVICES**  
Air, Water & Hazardous Waste Analysis  
141 Suburban Road, Suite C-4  
San Luis Obispo, California 93401  
(805) 543-2553

LAB NUMBER : C-0432  
COLLECTED : 1/22/86  
RECEIVED : 1/22/86  
REPORTED : 1/29/86  
P.O. NUMBER : verbal

Submitted By:

City of Pismo Beach  
1000 Bello Street  
Pismo Beach, CA 93449

SAMPLE DESCRIPTION:

Site 10 Test Well  
Collected by Tim Cleath

**REPORT**

**CONSTITUENT**

**REPORTED AS**

**LEVEL FOUND**

**SULFIDE**

**mg/l S**

**1.2**

( $\leftarrow$ ) means less than and this level is the detection limit as applied to this analysis.

Encl: Invoice #10519

MH/mh

Respectfully submitted,  
CENTRAL COAST ANALYTICAL SERVICES

By Mary Havlicek  
Mary Havlicek, Ph.D., President

CERTIFIED WATER LABORATORY—STATE OF CALIF. DEPT. PUBLIC HEALTH-CHEMISTRY-BACTERIOLOGY

ALL REPORTS ARE SUBMITTED AND ACCEPTED AS THE EXCLUSIVE PROPERTY OF CLIENTS. AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES ANY ADVERTISING OR PUBLICATION OF REPORTS IN WHOLE OR IN PART IS RESERVED PENDING WRITTEN AUTHORIZATION FROM THESE LABORATORIES. LABORATORY LIABILITY IS LIMITED TO COST OF SERVICES.

Central  
Coast  
Analytical  
Services

**CENTRAL COAST  
ANALYTICAL SERVICES**

Air, Water & Hazardous Waste Analysis  
141 Suburban Road, Suite C-4  
San Luis Obispo, California 93401  
(805) 543-2553

LAB NUMBER : C-0432  
COLLECTED : 01/22/86  
RECEIVED : 01/22/86  
REPORTED : 01/29/86  
P.O. NUMBER : Verbal

Submitted By:

City of Pismo Beach  
1000 Bello St.  
Pismo Beach, CA 92449

SAMPLE DESCRIPTION:

Site 10 Test Well

Collected by: Tim Cleath

**GENERAL MINERAL WATER ANALYSIS**

CONSTITUENT	MILLIGRAMS/LITER	CONSTITUENT	UNITS
CALCIUM (Ca)	- 71.	pH	- 6.2
MAGNESIUM (Mg)	- 30.	CONDUCTANCE (micromhos)	- 1400.
SODIUM (Na)	- 160.	SOLIDS, TOTAL DISSOLVED (mg/l)	- 980.
ALKALINITY		HARDNESS, TOTAL (CaCO <sub>3</sub> , mg/l)	- 310.
Bicarbonate (HCO <sub>3</sub> )	- 120.	or (grains per gallon)	- 18.1
Carbonate (CO <sub>3</sub> )	- none	IRON (mg/l Fe)	- 3.6
Hydroxide (OH)	- none	MANGANESE (mg/l Mn)	- 0.44
Total	- 120.	COPPER (Cu, mg/l)	- <0.04
CHLORIDE (Cl)	- 300.	ZINC (Zn, mg/l)	- <0.04
SULFATE (SO <sub>4</sub> )	- 120.	FOAMING AGENT (MBAS), mg/l)	- <0.04
NITRATE NITROGEN	- <0.1		
NITRATE (NO <sub>3</sub> )	- <0.4	<b>GENERAL PHYSICAL</b>	
FLUORIDE (F)	- 1.5	COLOR (filtered)	- 35.
mg/l = milligrams per liter		ODOR (filtered)	- 8.
		TURBIDITY	- >10.

**COMMENTS:** (Reference limits Title 22, California Admin. Code 1977, Domestic Water)

- Checklist for reference levels enclosed.
- All constituents analyzed were within the acceptable limits.
- Evaluation of above report was not done.
- Constituents outside limits were: **Color, Odor, Turbidity, Iron, Manganese**
- Suggestions for improving the quality of this water:
  - Aeration                       When nitrate is elevated suggest bacteria test.
  - Chlorination                     Reverse osmosis reduces total mineral.
  - Filtration                         Discuss problems with water conditioning consultant.
  - Softening                          Quality appears adequate.

Please contact us if further clarification is desired on this report.  
Medical questions should be directed to a physician.

Encl: Invoice # 10521  
MH/js

Respectfully submitted,  
CENTRAL COAST ANALYTICAL SERVICES

By Mary Havlicek  
Mary Havlicek, Ph.D., President

cc: Tim Cleath

CERTIFIED WATER LABORATORY—STATE OF CALIF. DEPT. PUBLIC HEALTH-CHEMISTRY-BACTERIOLOGY

ALL REPORTS ARE SUBMITTED AND ACCEPTED AS THE EXCLUSIVE PROPERTY OF CLIENTS. AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES ANY ADVERTISING OR PUBLICATION OF REPORTS IN WHOLE OR IN PART IS RESERVED PENDING WRITTEN AUTHORIZATION FROM THESE LABORATORIES. LABORATORY LIABILITY IS LIMITED TO COST OF SERVICES.

Central  
Coast  
Analytical  
Services

**CENTRAL COAST  
ANALYTICAL SERVICES**  
Air, Water & Hazardous Waste Analysis  
141 Suburban Road, Suite C-4  
San Luis Obispo, California 93401  
(805) 543-2553

LAB NUMBER : C-0432  
COLLECTED : 01/22/86  
RECEIVED : 01/22/86  
REPORTED : 01/29/86  
P.O. NUMBER : Verbal

Submitted By:

City of Pismo Beach  
1000 Bello St.  
Pismo Beach, CA 92449

SAMPLE DESCRIPTION:

Site 10 Test Well

Collected by: Tim Cleath

**REPORT**

CONSTITUENT	REPORTED AS	LEVEL FOUND
ALUMINUM	Al	---
ARSENIC	As	<0.01
BARIUM	Ba	<0.1
BERYLLIUM	Be	---
CADMIUM	Cd	<0.001
CHROMIUM, TOTAL	Cr	<0.005
CHROMIUM, HEXAVALENT	Cr(VI)	---
COBALT	Co	---
COPPER	Cu	---
LEAD	Pb	<0.005
MERCURY	Hg	<0.0005
MOLYBDENUM	Mo	---
NICKEL	Ni	---
SELENIUM	Se	<0.005
SILVER	Ag	<0.01
THALLIUM	Tl	---
VANADIUM	V	---
ZINC	Zn	---
SILICON	Si	34.
SILICA	SiO <sub>2</sub>	73.

(<)-means less than and this is the detection limit as applied to this analysis.

Encl: Invoice # 10521

MH/js

cc: Time Cleath

Respectfully submitted,  
CENTRAL COAST ANALYTICAL SERVICES

By *Mary Havlicek*  
Mary Havlicek, Ph.D., President

CERTIFIED WATER LABORATORY BY THE DEPARTMENT OF PUBLIC HEALTH FOR COMPLETE CHEMICAL AND BACTERIOLOGY

ALL REPORTS ARE SUBMITTED AND ACCEPTED AS THE EXCLUSIVE PROPERTY OF CLIENTS. AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES ANY ADVERTISING OR PUBLICATION OF REPORTS IN WHOLE OR IN PART IS RESERVED PENDING WRITTEN AUTHORIZATION FROM THESE LABORATORIES. LABORATORY LIABILITY IS LIMITED TO COST OF SERVICES.



GARING, TAYLOR & ASSOCIATES, INC.

CIVIL ENGINEERS SURVEYORS PLANNERS

*File  
Water Treatment Plant*

February 4, 1986

Pat Kennedy  
California Environmental Controls, Inc.  
P. O. Box 48  
Whittier, CA 90608

Dear Pat:

We currently intend to use two wells - Site No. 9 and Site No. 10. Site No. 9 has no noticeable sulfide odor and the T.O.C. is currently unknown. Heavy metals are currently being run for site 9. If necessary, we can install a test pump and sample/test as required. Site No. 10 T.O.C is 4.3 Mg./L. and sulfide for site 10 is 1.2 Mg./L. Enclosed find the test results we have on file for these two wells.

Our intention is to blend both wells prior to treatment approximately as follows:

Site 9	-	180 G.P.M.
Site 10	-	<u>260 G.P.M.</u>
Total Flow		440 G.P.M.

If you have any questions or need more information, please contact me.

Very truly yours,

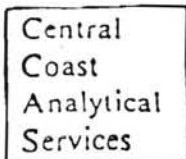
GARING, TAYLOR & ASSOCIATES

R. James Garing, P.E.  
Project Engineer

Enclosure

RJM/sm

PB85020L1.JGM



**CENTRAL COAST ANALYTICAL SERVICES**  
 Air, Water & Hazardous Waste Analysis  
 141 Suburban Road, Suite C-4  
 San Luis Obispo, California 93401  
 (805) 543-2553

NUMBER : C-0432  
 COLLECTED : 01/22/86  
 RECEIVED : 01/22/86  
 REPORTED : 01/29/86  
 P.O. NUMBER : Verbal

Submitted By:

City of Pismo Beach  
 1000 Bello St.  
 Pismo Beach, CA 92449

SAMPLE DESCRIPTION:

Site 10 Test Well

Collected by: Tim Cleath

**GENERAL MINERAL WATER ANALYSIS**

CONSTITUENT	MILLIGRAMS/LITER	CONSTITUENT	UNITS
CALCIUM (Ca)	- 71.	pH	- 6.2
MAGNESIUM (Mg)	- 30.	CONDUCTANCE (micromhos)	- 1400.
SODIUM (Na)	- 160.	SOLIDS, TOTAL DISSOLVED (mg/l)	- 980.
ALKALINITY		HARDNESS, TOTAL (CaCO <sub>3</sub> , mg/l)	- 310.
Bicarbonate (HCO <sub>3</sub> )	- 120.	or (grains per gallon)	- 18.1
Carbonate (CO <sub>3</sub> )	- none	IRON (mg/l Fe)	- 3.6 ✓
Hydroxide (OH)	- none	MANGANESE (mg/l Mn)	- 0.44
Total	- 120.	COPPER (Cu, mg/l)	- <0.04
CHLORIDE (Cl)	- 300.	ZINC (Zn, mg/l)	- <0.04
SULFATE (SO <sub>4</sub> )	- 120.	FOAMING AGENT (MBAS), mg/l)	- <0.04
NITRATE NITROGEN	- <0.1		
NITRATE (NO <sub>3</sub> )	- <0.4	<b>GENERAL PHYSICAL</b>	
FLUORIDE (F)	- 1.5	COLOR (filtered)	- 35.
mg/l = milligrams per liter		ODOR (filtered)	- 8.
		TURBIDITY	- >10.

COMMENTS: (Reference limits Title 22, California Admin. Code 1977, Domestic Water)

- Checklist for reference levels enclosed.
- All constituents analyzed were within the acceptable limits.
- Evaluation of above report was not done.
- Constituents outside limits were: Color, Odor, Turbidity, Iron, Manganese
- Suggestions for improving the quality of this water:
  - Aeration
  - Chlorination
  - Filtration
  - Softening
  - When nitrate is elevated suggest bacteria test.
  - Reverse osmosis reduces total mineral.
  - Discuss problems with water conditioning consultant.
  - Quality appears adequate.

Please contact us if further clarification is desired on this report.  
 Medical questions should be directed to a physician.

Encl: Invoice # 10521

MH/js

cc: Tim Cleath

Respectfully submitted,  
 CENTRAL COAST ANALYTICAL SERVICES

By Mary Havlicek  
 Mary Havlicek, Ph.D., President

CERTIFIED WATER LABORATORY—STATE OF CALIF. DEPT. PUBLIC HEALTH-CHEMISTRY-BACTERIOLOGY

ALL REPORTS ARE SUBMITTED AND ACCEPTED AS THE EXCLUSIVE PROPERTY OF CLIENTS. AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES ANY ADVERTISING OR PUBLICATION OF REPORTS IN WHOLE OR IN PART IS RESERVED PENDING WRITTEN AUTHORIZATION FROM THESE LABORATORIES. LABORATORY LIABILITY IS LIMITED TO COST OF SERVICES.

Central  
Coast  
Analytical  
Services

CENTRAL COAST  
ANALYTICAL SERVICES  
Air, Water & Hazardous Waste Analysis  
141 Suburban Road, Suite C-4  
San Luis Obispo, California 93401  
(805) 543-2553

LABOR NUMBER C-0432  
COLLECTED 01/22/86  
RECEIVED 01/22/86  
REPORTED 01/29/86  
P.O. NUMBER Verbal

Submitted By:

City of Pismo Beach  
1000 Bello St.  
Pismo Beach, CA 92449

SAMPLE DESCRIPTION:

Site 10 Test Well

Collected by: Tim Cleath

REPORT

CONSTITUENT	REPORTED AS	LEVEL FOUND
ALUMINUM	Al	---
ARSENIC	As	<0.01
BARIUM	Ba	<0.1
BERYLLIUM	Be	---
CADMIUM	Cd	<0.001
CHROMIUM, TOTAL	Cr	<0.005
CHROMIUM, HEXAVALENT	Cr(VI)	---
COBALT	Co	---
COPPER	Cu	---
LEAD	Pb	<0.005
MERCURY	Hg	<0.0005
MOLYBDENUM	Mo	---
NICKEL	Ni	---
SELENIUM	Se	<0.005
SILVER	Ag	<0.01
THALLIUM	Tl	---
VANADIUM	V	---
ZINC	Zn	---
SILICON	Si	34.
SILICA	SiO <sub>2</sub>	73.

(<) means less than and this is the detection limit as applied to this analysis.

Encl: Invoice # 10521

MH/js

cc: Time Cleath

Respectfully submitted,  
CENTRAL COAST ANALYTICAL SERVICES

By *Mary Havlicek*  
Mary Havlicek, Ph.D., President

CERTIFIED WATER LABORATORY BY THE DEPARTMENT OF PUBLIC HEALTH FOR COMPLETE CHEMICAL AND BACTERIOLOGICAL ANALYSIS

ALL REPORTS ARE SUBMITTED AND ACCEPTED AS THE EXCLUSIVE PROPERTY OF CLIENTS. AS A MUTUAL PROTECTION TO CLIENTS AND THE PUBLIC AND OURSELVES ANY ADVERTISING OR PUBLICATION OF REPORTS IN WHOLE OR IN PART IS RESERVED PERIODICALLY BY WRITTEN AUTHORIZATION FROM THESE LABORATORIES. LABORATORY LIABILITY IS LIMITED TO COST OF SERVICES.

Central  
Coast  
Analytical  
Services

CENTRAL COAST  
ANALYTICAL SERVICES  
Air, Water & Hazardous Waste Analysis  
141 Suburban Road, Suite C-4  
San Luis Obispo, California 93401  
(805) 543-2553

NUMBER : C-0432  
COLLECTED : 1/22/86  
RECEIVED : 1/22/86  
REPORTED : 1/29/86  
P.O. NUMBER : verbal

Submitted By:

City of Pismo Beach  
1000 Bello Street  
Pismo Beach, CA 93449

SAMPLE DESCRIPTION:

Site 10 Test Well

Collected by Tim Cleath

REPORT

CONSTITUENT

REPORTED AS

LEVEL FOUND

SULFIDE

mg/l S

1.2

( $\phi$  means less than and this level is the detection limit as applied to this analysis.

Encl: Invoice #10519

MH/mh

Respectfully submitted,  
CENTRAL COAST ANALYTICAL SERVICES

By Mary Havlicek  
Mary Havlicek, Ph.D., President  
CERTIFIED WATER LABORATORY—STATE OF CALIF. DEPT. PUBLIC HEALTH-CHEMISTRY-BACTERIOLOGY

ALL REPORTS ARE SUBMITTED AND ACCEPTED AS THE EXCLUSIVE PROPERTY OF CLIENTS. AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES ANY ADVERTISING OR PUBLICATION OF REPORTS IN WHOLE OR IN PART IS RESERVED PENDING WRITTEN AUTHORIZATION FROM THESE LABORATORIES. LABORATORY LIABILITY IS LIMITED TO COST OF SERVICES.



Central  
Coast  
Analytical  
Services

CENTRAL COAST  
ANALYTICAL SERVICES  
Air, Water & Hazardous Waste Analysis  
141 Suburban Road, Suite C-4  
San Luis Obispo, California 93401  
(805) 543-2553

NUMBER : B-5294  
DATE : 12/31/85  
RECEIVED : 12/31/85  
REPORTED : 01/28/86  
P.O. NUMBER : Verbal

Submitted By:

City of Pismo Beach  
1000 Bello St.  
Pismo Beach, CA 93449

SAMPLE DESCRIPTION:

Site 9/Test Well

Collected by:  
Tim Cleath

GENERAL MINERAL WATER ANALYSIS

CONSTITUENT	MILLIGRAMS/LITER	CONSTITUENT	UNITS
CALCIUM (Ca)	37.	pH	6.2
MAGNESIUM (Mg)	17.	CONDUCTANCE (micromhos)	900.
SODIUM (Na)	130.	SOLIDS, TOTAL DISSOLVED (mg/l)	630.
ALKALINITY		HARDNESS, TOTAL (CaCO3, mg/l)	170.
Bicarbonate (HCO3)	110.	or (grains per gallon)	9.9
Carbonate (CO3)	none	IRON (mg/l Fe)	2.6
Hydroxide (OH)	none	MANGANESE (mg/l) Mn	0.26
Total	110.	COPPER (Cu, mg/l)	<0.04
CHLORIDE (Cl)	220.	ZINC (Zn, mg/l)	0.04
SULFATE (SO4)	40.	FOAMING AGENT (MBAS), mg/l)	0.15
NITRATE NITROGEN	0.1		
NITRATE (NO3)	0.4	GENERAL PHYSICAL	
FLUORIDE (F)	1.1	COLOR	5.
		ODOR	<3.
		TURBIDITY (filtered)	5.

mg/l = milligrams per liter

COMMENTS: (Reference limits Title 22, California Admin. Code 1977, Domestic Water)

- Checklist for reference levels enclosed.
- All constituents analyzed were within the acceptable limits.
- Evaluation of above report was not done.
- Constituents outside limits were: Iron, Manganese

- Suggestions for improving the quality of this water:
  - Aeration                       When nitrate is elevated suggest bacteria test.
  - Chlorination                     Reverse osmosis reduces total mineral.
  - Filtration                         Discuss problems with water conditioning consultant.
  - Softening                          Quality appears adequate.

Please contact us if further clarification is desired on this report.  
Medical questions should be directed to a physician.

Encl: Invoice # 10512  
MH/mlo'

Respectfully submitted,  
CENTRAL COAST ANALYTICAL SERVICES  
By *Mary Havlicek*  
Mary Havlicek, Ph.D., President

CERTIFIED WATER LABORATORY—STATE OF CALIF. DEPT. PUBLIC HEALTH-CHEMISTRY-BACTERIOLOGY

ALL REPORTS ARE SUBMITTED AND ACCEPTED AS THE EXCLUSIVE PROPERTY OF CLIENTS. AS A MUTUAL PROTECTION TO CLIENTS, THE PUBLIC AND OURSELVES ANY ADVERTISING OR PUBLICATION OF REPORTS IN WHOLE OR IN PART IS RESERVED PENDING WRITTEN AUTHORIZATION FROM THESE LABORATORIES. LABORATORY LIABILITY IS LIMITED TO COST OF SERVICES.

CITY OF PISMO BEACH, CALIFORNIA



CITY HALL  
1000 BELLO ST. • P.O. BOX 3  
PISMO BEACH, CALIFORNIA, 93449  
TELEPHONE 805/773/4657

May 23, 1986

*File Well #10*

Jim Garing  
Garing, Taylor & Associates  
141 South Elm Street  
Arroyo Grande, CA 93420

Dear Jim:

Enclosed is a copy of the permit amendment received from the State for the well and treatment plant. On the first page their first requirement is the submission of plans and specifications. Please handle when they are complete.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Hal".

HAROLD A. HALLDIN  
City Engineer

HAH:tq

enclosure

COUNTY OF SAN LUIS OBISPO  
**HEALTH AGENCY**

Department of Public Health  
2191 Johnson Avenue • P.O. Box 1489  
San Luis Obispo, California 93406  
(805) 549-5500

*File one  
copy in each  
well file*



Division of Environmental Health  
549-5544

May 13, 1986

City of Pismo Beach  
P.O. Box 3  
Pismo Beach, California 93449

Wells #1A	#4	#10
#2A	#8	#11
#2	#9	

A review of the well driller's report as submitted by Myers Bros., Inc. on your property located on Section 13, Township 32 South, Range 12 East County of San Luis Obispo, has been made and we are pleased to advise you that the well construction is approved. This letter does not imply approval as to quantity or chemical quality.

TIM MAZZACANO, R.S., Director  
Division of Environmental Health

*Michael J. Doherty*

MICHAEL J. DOHERTY, R.S.  
Supervising Environmental Health Officer

TM/MJD:1b

**RECEIVED**  
MAY 13 1986

**CITY OF PISMO BEACH  
FINANCE DEPT.**

# Pismo Finds New Wells

(Continued from Page 1)

will-serve letter. City Engineer Halldin said the water treatment plant — Pismo's first — is still being "fine-tuned" and may be modified before being placed in permanent operation.

"If the filter media should last forever," Halldin said. "But it can be damaged by improper operation of the plant and repair of the filter media would be very expensive."

But he said the plant, similar to the plant Grover City is considering to treat nitrates in its well water, is labor-efficient.

Maintenance and changing of chlorine bottles and filters might take the equivalent of 24 hours in a month and a total of a couple of days for

annual servicing, while the old "green sand" filtration system that had the standard a decade ago took three hours' work every day, he said.

The water from the new permanent wells would not have to be blended with Lopez water, Halldin said.

The new wells' water could be run through the treatment plant and then used as a water blender to improve the quality of other well water, he said.

One of the two new wells is south of Fourth Street in the Five Cities Drive area near the Quality Inn Suites. The other is north of Fourth Street by the treatment plant, a blue 30 by 80 foot well about \$1,400.

Halldin said the plant's processes involve injecting chlorine and with dioxide and running water through a filter bed of six kinds of different sand material.

He said the chlorine content of the water is only a half-part per million. He also said that the city is installing new water feeder mains like along Price Street and Delhimer Street.

Two more reservoirs or water tanks are proposed for construction within the next eight months, he said.

One would hold 1 million gallons and be the existing Shell Beach tank. The other would hold 850,000 gallons and be built next to the tank that stands above Pacific, Rancho.

# Pismo Finds New Wells, Hilton Set

By Jack Magee  
Staff Writer

PISMO BEACH — The city has just increased its water supply capacity by 50 percent, City Engineer Hal Halldin said Thursday.

He said that clears the way for constructing the 249-room, four-story, \$28 million Hilton Hotel — among other projects — with virtual automatic issuance of a will-serve water letter.

Pismo Beach raised its water supply, Halldin told a meeting of the South County Economic Development Association, by adding two new permanent wells this week.

In a reference to a controversial emergency well that lies outside the Pismo Beach city limits, he noted that the two wells "are in the city of Pismo Beach, not in the city of Grover City."

Pumping the wells for a first time coincided with starting the city's new \$500,000 water treatment plant, built by R. Baker Construction Co. and financed by developer fees.

It is designed to remove iron and manganese from the water. Halldin said the city is still pursuing the controversial Fourth Street Street emergency well in Grover City.

He said Pismo wants to drill into the deep aquifer in the underground Arroyo Grande water table and proposes a negative environmental impact declaration, but Grover wants a more thorough EIR.

According to Halldin, the new wells together are producing 500 gallons per minute, better than the expected 300 gallons per minute.

He said the production equals 815 acre-feet a year. This plus the previous 700 acre-feet a year in Lopez Lake water would raise the city's water supply to 2,401 acre-feet a year.

Halldin said that is about what PRC Engineers of Orange County predicted the city's water needs would be by the year 2004 when its population would reach 11,600. The city's population is now about 8,000, Halldin said.

The Hilton, on the drawing boards for at least four years, is planned for the Dinosaur Caves area, an 11-acre site at Cliff Avenue and Shell Beach Road, said Steve Puglisi.

Puglisi is a senior vice president of the RRM Design Group of San Luis Obispo, formerly Richmond Rossi Montgomery, which represents the hotel owners, Shell Beach Hotel Partners, which has headquarters in San Diego.

Puglisi said his firm estimates the hotel's water use at 68 acre-feet a year, the equivalent of which 250 residential units would use and probably equal to the largest single commercial water user in the city.

He said the city calculates the hotel water use would be much higher. The city estimate was unavailable Thursday.

One acre-foot of water equals 326,000 gallons which is sufficient for a family of five for a year.

Puglisi said that the city installed a large water line two years ago for the assessment district serving the motel area, that all permits including the coastal permit have been issued, and that "We could start grading right away" with receipt of the water

(Continued on Back Page)

# Test wells, study may turn up water SLO needs to keep growing

By Mark Brown 11-6-87  
Telegraph-Tribune P-3-A

Although San Luis Obispo's first test well has produced less than spectacular results, a new study may turn up the water the city needs to avoid a growth slowdown.

Test wells drilled by a private developer have also turned up plenty of clean well water. The city's first test well at its golf course on Los Osos Valley Road turned up minimal amounts of marginal-quality water. But test wells less than a mile down the road turned up plenty of high-quality water.

Salisas Reservoir and the State Water Project, are years away. Ground water is one option the city's looking at in the short term.

"We know there is ground water available, and there are even existing wells," said Dave Garth, executive director of the Chamber of Commerce. "That's what we think is the best interim solution until state water is available."

The city used well water exclusively up until 1963, Romero said. More than 1,000 acre-feet per year was pumped from wells before the Salinas Dam was built, but little or none has been used since then.

The proposed Irish Hills Golf Course found lots of water that came close to meeting standards and would need little treatment, according to a report prepared by Bussa Thiers, a partnership developing the course.

Hiland and Romero will take a proposal to the City Council to start the full-scale ground water study. The firm will analyze the geography and other factors involved, Romero said, then put down test wells in the most likely spot for water.

He's sure they'll come up with a strong for the city. Source wells have been used in the past in the Madonna Plaza area and other spots around the city.

"There was a good well, I'm told, near the city center on the north side of Prado Road, right in the middle of the 101 freeway," Romero said. "It was capped over when they put the freeway through there."

"The city also looked to a ground water well at Five Stables Park, at Garden and Pioneer streets," Romero said.

The ground water study should take less than six months and will tell "where we could put our wells and what treatment we'd have to do and what facilities we'd have to build to make it tie in with our system," Romero said.

DEPARTMENT OF HEALTH SERVICES

714/744 P STREET  
SACRAMENTO, CA 95814  
(916) 323-1382



*Hal*  
*File*

May 14, 1986

*File* "Water Filtration Plant"

City of Pismo Beach  
Att: Dave Watson  
Director  
Department of Public Works  
P.O. Box 3  
Pismo Beach, CA 93449

RECEIVED  
MAY 17 1986  
CITY OF PISMO BEACH  
PUBLIC SERVICES

PERMIT AMENDMENT

Application of the City of Pismo Beach for an amended permit, dated January 13, 1986, has been considered by the State Department of Health Services. The application was made in accordance with Section 4019 of the Health and Safety Code. Enclosed is a copy of an engineering report, dated February 19, 1986, prepared by the Sanitary Engineering Branch, relative to your application.

It is the Finding of the State Department of Health Services that Sections 4010 to 4039.5, inclusive, of the Health and Safety Code, can be met by the water system. This finding is based on the cited report. An amended domestic water supply permit is hereby granted to the City of Pismo Beach to drill and operate three new wells to serve the City of Pismo Beach, subject to the following provisions:

1. Final plans and specifications for the proposed improvements shall be submitted to the Department of Health Services for approval prior to construction.
2. The State Department of Health Services shall be notified of the completion of the improvements to determine conformance with the approved plans.
3. Prior to using the new wells, bacteriological and complete chemical analysis of the water produced, including general mineral, volatile organics, inorganics, general physical, and radioactivity, shall be submitted to the State Department of Health Services, Santa Barbara District Office, to determine compliance with the California Drinking Water Standards.

*Jim Garing to send plans*

*Hal to handle*

*Hal to handle*

4. If the final chemical analyses verify the preliminary findings of excess iron and manganese or other contaminants in excess of the California Domestic Water Quality and Monitoring Regulations, treatment, including iron and manganese removal filtration, hydrogen sulfide treatment, nitrate treatment or blending facilities, etc., shall be provided to bring the water quality into compliance.

*Map of Cim 10-02-80 720.0'*

This permit amends and adds to the permit granted to this system on February 3, 1984.



Peter A. Rogers, Chief  
Sanitary Engineering Branch

Enclosure  
cc: San Luis Obispo County  
Health Agency

## DEPARTMENT OF HEALTH SERVICES

Sanitary Engineering Branch  
P. O. Box 4339  
Santa Barbara, CA 93140-4339  
(805) 963-8616



Engineering Report  
For Consideration of the Permit  
Application From  
THE CITY OF PISMO BEACH  
Serving Pismo Beach  
San Luis Obispo County  
February 19, 1986

Sanitary Engineering Branch  
State Department of Health Services  
Perry Garfinkel, Sanitary Engineering Associate  
John Curphey, District Sanitary Engineer

The City of Pismo Beach, by application dated January 13, 1986, has applied for a permit to drill and operate three new wells. The City of Pismo Beach's system and operation are described in a Sanitary Engineering Report, dated October 12, 1983. Based on that report, the City was granted a domestic water permit on February 3, 1984. No significant change in the system's facilities or operation occurred since that date.

The City has drilled and constructed three new wells, Nos. 9, 10, and 11. The wells are located an adequate distance from sewers and sewage disposal facilities. The wells' construction complies with California Water Well Construction Standards, DWR Bulletin No. 74-81. Preliminary chemical analyses of the wells' water demonstrate that the water quality complies with California Drinking Water Standards except for high iron, manganese, and hydrogen sulfide. Based on the initial chemical analyses, the City is proposing to provide an iron and manganese removal filtration plant which will also remove the hydrogen sulfide. The treatment facility will incorporate reliable chlorination facilities.

Issuance of an amended domestic water supply permit by the State Department of Health Services to the City of Pismo Beach for the proposed improvements is recommended, subject to the following provisions:

1. Final plans and specifications for the proposed improvements shall be submitted to the Department of Health Services for approval prior to construction.
2. The State Department of Health Services shall be notified of the completion of the improvements to determine conformance with the approved plans.

3. Prior to using the new wells, bacteriological and complete chemical analysis of the water produced, including general mineral, volatile organics, inorganics, general physical, and radioactivity, shall be submitted to the State Department of Health Services, Santa Barbara District Office, to determine compliance with the California Drinking Water Standards.
4. If the final chemical analyses verify the preliminary findings of excess iron and manganese or other contaminants in excess of the California Domestic Water Quality and Monitoring Regulations, treatment, including iron and manganese removal filtration, hydrogen sulfide treatment, nitrate treatment or blending facilities, etc., shall be provided to bring the water quality into compliance.



STATE OF CALIFORNIA  
DEPARTMENT OF HEALTH SERVICES

**WELL DATA** (1) Place and Owner City of Pismo Beach

(2) Source of Information Hal Halldin

Collected by Perry Garfinkel Date Feb. 19, 1986

(3) Number or Name	Well No. 9	Well No. 10	Well No. 11 ✓
Date drilled	1985	1986	1985
(4) Location: Neighborhood	Commercial	Commercial	Commercial
Size of lot			
Distance to: Sewer	None	None	None
Sewage disposal	None	None	None
Abandoned well	None	None	None
Nearest property line			
(5) Housing: Type			
Condition			
Pit depth (if any)			
Floor (material)			
Drainage			
(6) Well Depth	310 ft.	442 ft.	305 ft.
(7) Casing: Depth	310 ft.	442 ft.	295 ft.
Diameter	10 in.	10 in.	10 in.
Kind	PVC	PVC	PVC
Height above floor			
Distance to highest perforations	100 ft.	140 ft.	110 ft.
Surface sealed (yes or no)	Yes	Yes	Yes
Gravel pack (yes or no)	Yes	Yes	Yes
Second casing depth	None	None	None
Second casing diameter	-	-	-
Annular seal (depth)	50 ft.	50 ft.	50 ft.
(8) Impervious Strata: Penetrated	{ Thickness 28-5 ft. Depth to 58-97 ft.	{ 11-64 ft. 7-49 ft.	
(9) Water Levels: Depth to	{ Surface..... Static..... When pumping.....		
(10) Pump: Make			
Type			
Capacity, g.p.m.			
Lubrication			
Power			
Auxiliary power			
Control			
Discharge location			
Discharge to			
(11) Frequency of Use			
(12) Flood Hazard			
(13) Remarks and Defects (Use other side if necessary)			

(14) Show well log on other side.

STATE DEPARTMENT OF PUBLIC HEALTH  
BUREAU OF SANITARY ENGINEERING

**REPORT OF CHEMICAL ANALYSIS**

Analysis of:	City of Pismo Beach			Date
Description	Well No. 9	Well No. 10	Well No. 11	
Collected by	Central Coast Ana. Services	Central Coast Ana. Services	Central Coast Ana. Services	
Date sampled	12-31-85	1-22-86	1-13-86	
Constituents	<b>RESULTS—Expressed as milligrams per liter (or gram)</b>			
Total solids	630	980	800	
Hardness	170	310	280	
Bicarbonate	92	100	92	$\left. \begin{array}{l} \\ \\ \\ \end{array} \right\} \text{CaCO}_3$
Carbonate	0	0	0	
Hydroxide	0	0	0	
Alkalinity	92	100	92	
Calcium	37	71	75	
Magnesium	17	30	23	
Iron (total)	2.6	3.6	2.4	
Manganese	0.26	0.44	0.39	
Sodium	130	160	130	
Potassium	-	-	-	
Chlorides	220	300	240	
Sulfates	40	120	55	
Fluorides	1.1	1.5	1.4	
Nitrates	0.4	< 0.4	< 0.4	
Biochemical Oxygen demand (BOD)				
Acidity (pH)	6.2	6.2	6.2	
Radioactivity ( $\mu\mu\text{c}$ )				
Other specific analyses				
EC	900	1400	1150	

## REPORT OF CHEMICAL ANALYSIS

Analysis of:	City of Pismo Beach			Date
Description	Well No. 9	Well No. 10	Well No. 11	
Collected by	Central Coast Ana. Services	Central Coast Ana. Services	Central Coast Ana. Services	
Date sampled	12-31-85	1-22-86	1-13-86	
Constituents	RESULTS—Expressed as milligrams per liter (or gram)			
Arsenic	-	< 0.01	< 0.01	
Barium	-	< 0.1	< 0.1	
Cadmium	-	< 0.001	< 0.001	
Chromium	-	< 0.005	< 0.005	
Copper	< 0.04	< 0.04	< 0.04	
Fluoride	1.1	1.5	1.4	
Lead	-	< 0.005	< 0.005	
MBAS	0.15	< 0.04	< 0.04	
Mercury	-	< 0.0005	< 0.0002	
Selenium	-	< 0.005	< 0.005	
Silver	-	< 0.01	< 0.01	
Zinc	0.04	< 0.04	< 0.04	
Nitrate	4	< 0.4	< 0.4	

# STATE OF CALIFORNIA

## DEPARTMENT OF HEALTH

Application from The City of Pismo Beach  
(Name of municipality or civil subdivision)  
organized under General Law (incorporated April 25, 1946)  
(State whether special charter or under general law, giving class and date of incorporation)

To the State Department of Health  
2151 Berkeley Way  
Berkeley, California 94704

Pursuant and subject to all of the terms, conditions and provisions of Division 5, Part 1, Chapter 7, Sections 4010 to 4035 of the California Health and Safety Code and all amendments thereto, relating to domestic water supplies, application is hereby made to said State Department of Health for a permit to.....

Construct and Operate New Wells numbered 9, 10, & 11  
Applicant must state specifically what is being applied for—whether to construct new works, to use existing works, to make alterations or additions in  
to serve the City of Pismo Beach at locations shown on  
works or sources and state nature of improvement in works. Enumerate definitely source or sources of supply, kind of works used or considered (if known)  
exhibit A  
and specify the locality to be served. Additional sheets may be attached.

Dated January 13, 1986

[ AFFIX  
OFFICIAL SEAL  
HERE ]

Attest.

Terry A. Briscoe  
(Signature of clerk or corresponding official with title and post office address)  
Terry A. Briscoe, City Clerk

City of Pismo Beach  
(Name of municipality or civil subdivision, in full)  
By [Signature]  
(Signature of chief executive officer with official title and post office address)  
Leslie J. Crist, City Administrator

### NOTES

Before making application for permit, such action must be authorized by resolution of the governing board, substantially in the form furnished by the State Department of Health (Domestic Water Supplies, Form A2) and a copy of such resolution, duly certified by the clerk of such board, must accompany the application.

STATE OF CALIFORNIA  
DEPARTMENT OF HEALTH

Certified Copy of Resolution  
(To accompany application on Form A1)

"Resolved by the City Council  
(City council, board of trustees or other governing body)

of the City of Pismo Beach  
(City, town or county, etc.)

that pursuant and subject to all of the terms, conditions and provisions of Division 5, Part 1, Chapter 7, Sections 4010 to 4035 of the California Health and Safety Code and all amendments thereto, relating to domestic water supplies, application by this City be made to the State Department of Health, for a permit to  
(City, town or county, etc.)

Construct and Operate New Wells #9, 10, & 11 to serve  
Applicant must state specifically what is being applied for—whether to construct new works, to use existing works, to make alterations or additions in  
the City of Pismo Beach as shown on exhibit A  
works or sources and state nature of improvement in works. Enumerate definitely source or sources of supply, kind of works used or considered (if known)  
and specify the locality to be served. Additional sheets may be attached.

that the City Administrator of said City Council  
(Title of chief executive officer) (City council, board of trustees or other governing body)

be and he is hereby authorized and directed to cause the necessary data to be prepared, and investigations to be made, and in the name of said City to sign and file such application with the  
(City, town or county, etc.)  
said State Department of Health.

Passed and adopted at a regular meeting of the City Council  
(Governing body)

of the City of Pismo Beach on the 13th day of January, 1986.  
(City, town or county, etc.)

[ AFFIX  
OFFICIAL SEAL  
HERE ]

Terry A. Brusca  
Clerk of said City  
(City, town or county, etc.)

DEPARTMENT OF HEALTH SERVICES - SANITARY ENGINEERING BRANCH

2221 BERKELEY WAY  
BERKELEY, CA 94704-9980

(415) 540-2158

RECEIVED  
SANITARY ENGINEERING  
BERKELEY  
OCT 23 1984

WATER QUALITY EMERGENCY NOTIFICATION PLAN

Name of Utility: City of Pismo Beach

System & Location: \_\_\_\_\_

The following persons have been designated to implement the plan upon notification by the State Department of Health Services that an imminent danger to the health of the water users exists:

	Name	Title	Telephone	
			Day	Evening
1.	<u>Dave Watson</u>	<u>Director</u>	<u>773-4656</u>	<u>773-2208</u>
2.	<u>Hal Halldin</u>	<u>City Engineer</u>	<u>773-4656</u>	
3.	<u>Pat Mills</u>	<u>Supervisor</u>	<u>773-4656</u>	<u>773-2208</u>

The implementation of the plan will be carried out with the following State and County Health Department personnel:

1.	<u>John Curphey</u>	<u>District Engineer</u>	<u>805 687-0729</u>	<u>682-6859</u>
2.	<u>Tim Mazzacano</u>	<u>Director, Env. Hlth.</u>	<u>805 549-5550</u>	<u>549-5544</u>

3. If the above personnel cannot be reached, contact:

Office of Emergency Services (24 hrs.), (916) 427-4990

Notification Plan

Describe methods or combinations of methods to be used (radio, television, door-to-door, sound truck, etc.). For each section of your plan give an estimate of the time required, necessary personnel, estimated coverage, etc. Consideration must be given to special organizations, particularly non-English speaking groups and out-lying water users. (Use the other side if necessary or attach additional pages.)

Report prepared by:

Howard P. Halldin *City Engineer*  
Signature and Title

10-17-84  
Date

PISMO BEACH

PLAN I. During regular working hours, our people will contact the three newspapers in our area and three television stations to broadcast the necessary warnings. The Local Radio stations - five of them - will also be contacted. Television and radio personnel are available at all hours. As a followup measure, we will also contact the Five Cities Times, Press, Recorder, a local newspaper that serves both our City and outlying areas.

Warnings will be issued to cover all members of the Community. Police and Public Works Departments' vehicles should have equipment. Our area is small and this can be done rapidly.

A special telephone answering service can also be quickly set up at the Utility headquarters (using regular company numbers) to answer questions that will come from consumers.

Central  
Coast  
Analytical  
Services

Central Coast  
Analytical Services  
141 Suburban Road, Suite C-4  
San Luis Obispo, California 93401  
(805) 543-2553

Lab Number: D-7661  
Collected: 10/01/87  
Received: 10/01/87  
Tested: As Listed  
Collected by: Roger Perry of CCAS

City of Pismo Beach  
1000 Bello Street  
Pismo Beach, CA 93449

Sample Description:  
Well #10

REPORT

CONSTITUENT	METHOD/DATE/ANALYST	DETECTION LIMIT	LEVEL FOUND -mg/l
SULFIDE	376.1 10/01/87 LD	0.1	4.3
	DUPLICATE		4.5
CARBON DIOXIDE	SM 406B 10/01/87 RFP	0.01	35.
	DUPLICATE		40.

D7661PB.WR1  
MH/ke

Respectfully submitted,  
CENTRAL COAST ANALYTICAL SERVICES  
*Mary Havlicek*  
Mary Havlicek, Ph.D., President



System = 0300

**RADIOACTIVITY ANALYSES**

Date of Report: 11/30/88		Lab Sample ID No. C.C.A.S. E-11,648 Scott: 6510-2	
Laboratory Name: Scott Laboratories, Inc.		Signature of Lab Director: <i>Kurt H. Salas</i>	
Name of Sampler: Shannen/Terry		Employed By: SOCL, Inc.	
Date/Time Sample Collected: 11/08/88 @ 1050	Date/Time Sample Received @ Lab: 11/11/88	Were Holding Times Observed: Yes	
System Name: City of Pismo Beach		System Number:	
Description of Sampling Point: Well #10			
Name/No. of Sample Source:		Station Number:	
Data & of Time Sample:	Water Type: [G] G/S	User ID: [ ] [ ] [ ]	Submitted to SWQIS By:
[8][8][1][1][0][8][1][0][5][0]			
Y Y M M D D T T T T			

MCL REPORTING UNITS	CONSTITUENT	T	STORET CODE	ANALYSES RESULTS
Analyzing Agency			28	5 6 4 1
Date Analyses Completed			73672	8 1 1 1 2 8 Y Y M M D D
5 pC/l	Total Alpha		1501	0 0 0
PC/l	Total Alpha Counting Error		1502	3 1 8 1
50 pC/l	Total Beta		3501	
pC/l	Total Beta Counting Error		3502	
pC/l	Natural Uranium		28012	
1 pC/l	Total Radium 226		9501	
pC/l	Total Radium 226 Counting Error		9502	
pC/l	Total Radium 228		11501	
pC/l	Total Radium 228 Counting Error		11502	
5 pC/l	Ra 226 + Ra 228		11503	
pC/l	Ra 226 + Ra 228 Counting Error		11504	
20,000pC/l	Total Tritium		7000	
pC/l	Total Tritium Counting Error		7001	

**R E C E I V E D**

System = dom

AUG 24 1988

CITY OF PISMO BEACH  
PUBLIC SERVICES

**RADIOACTIVITY ANALYSES**

Date of Report: 8-5-88		Lab Sample ID No. CCAS: E-6757 Scott: 6271-3	
Laboratory Name: SCOTT LABORATORIES, INC.		Signature of Lab Director: <i>Kent H. Sabat</i>	
Name of Sampler: Shannen		Sampler Employed By: SOCI	
Date/Time Sample Collected: 7/22/88 @ 0820	Date/Time Sample Received @ Lab: 7-27-88 11:00	Were Holding Times Observed: Yes	
System Name: SOCI		System Number:	
Description of Sampling Point: Well #10			
Name/No. of Sample		Station Number:	
Source:			
Date & of Time Sample: 8/8/87 2:20	Water Type: G/G/S	User ID:	Submitted to SWQIS By:

MCL REPORTING UNITS	CONSTITUENT	T	STORET CODE	ANALYSES RESULTS
Analyzing Agency			23	5.6.4.
Date Analyses Completed			73672	8.8.0.3. Y Y M M D
5 pC/l	Total Alpha		1501	0.0
PC/l	Total Alpha Counting Error		1502	2.2
50 pC/l	Total Beta		3501	
pC/l	Total Beta Counting Error		3502	
pC/l	Natural Uranium		28012	
3 pC/l	Total Radium 226		9501	
pC/l	Total Radium 226 Counting Error		9502	
pC/l	Total Radium 223		11501	
pC/l	Total Radium 228 Counting Error		11502	
5 pC/l	Ra 226 + Ra 228		11503	
pC/l	Ra 226 + Ra 228 Counting Error		11504	
20,000pC/l	Total Tritium		7000	
pC/l	Total Tritium Counting Error		7001	
8 pC/l	Total Strontium-90		11501	
pC/l	Total Strontium-90 Counting Error		11502	

Central  
Coast  
Analytical  
Services

Air, Water, & Hazardous Waste Sampling, Analysis, & Consultation  
State Certified Hazardous Waste, Chemistry, & Bacteriology Laboratories

141 Suburban Road, Suite C-4  
San Luis Obispo, Ca 93401  
Fax (805) 543-2685  
(805) 543-2553

6483-D Calle Real  
Goleta, CA 93117  
Fax (805) 976-4386  
(805) 964-7838

TITLE 22 CHEMICAL ANALYSES

Date of Report August 9, 1988		Lab Sample ID Number E-7433	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Harbick</i>	
Name of Sampler Shannen		Sampler Employed By City of Pismo Beach	
Date/Time Sample Collected August 3, 1988 @ 1510	Date/Time Sample Received at Lab. August 3, 1988 @ 1630	Were Holding Times Observed? Yes -	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well Water, Well #10, Lab #801-1-12644			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8   8   0   8   0   3   1   5   1   0 Y   Y   M   M   D   D   T   T   T   T	Water Type [ G ] G/S	User ID [ ] [ ]	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

Central  
Coast  
Analytical  
Services

Air, Water, & Hazardous Waste Sampling, Analysis, & Consultation  
State Certified Hazardous Waste, Chemistry, & Bacteriology Laboratories

141 Suburban Road, Suite C-4  
San Luis Obispo, Ca 93401  
Fax (805) 543-2685  
(805) 543-2553

6483-D Calle Real  
Goleta, CA 93117  
Fax (805) 976-4386  
(805) 964-7838

TITLE 22 CHEMICAL ANALYSES

Date of Report August 9, 1988		Lab Sample ID Number E-7433	
Laboratory Name Central Coast Analytical Services		Signature Lab Director <i>Mary Stewart</i>	
Name of Sampler Shannen		Sampler Employed By City of Pismo Beach	
Date/Time Sample Collected August 3, 1988 @ 1510	Date/Time Sample Received at Lab. August 3, 1988 @ 1630	Were Holding Times Observed? Yes	
System Name City of Pismo Beach			System Number
Description of Sampling Point Well Water, Well #10, Lab #801-1-12644			
Name/Number of Sample Source		Station Number	

Date and Time of Sample 8 8 0 8 0 3 1 5 1 0 Y Y M M D D T T T T	Water Type G/S	User ID 1 1	Submitted to SWGIS By
---	-------------------	----------------	-----------------------

MCL Reporting Units	Constituent	T T	Store Code	Analyses Results
	Analyzing Agency (Laboratory)		29	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		316	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		329	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71230	
mg/L	Carbonate (CO3)		415	
mg/L	Bicarbonate (HCO3)		410	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

*File #1 to treatment plant water quality*

Air, Water, & Hazardous Waste Sampling, Analysis, & Consultation  
 State Certified Hazardous Waste, Chemistry, & Bacteriology Laboratories

Central Coast Analytical Services

147 Suburban Road, Suite C-4  
 San Luis Obispo, Ca 93401  
 Fax (805) 543-2685  
 (805) 543-2553

6483-D Calle Real  
 Goleta, CA 93117  
 Fax (805) 976-4386  
 (805) 964-7838

**R E C E I V E D**  
**JUL 28 1988**

TITLE 22 CHEMICAL ANALYSES

Date of Report <b>June 13, 1988</b>		Lab Sample ID Number <b>E-5366</b>		CITY OF PISMO BEACH	
Laboratory Name <b>Central Coast Analytical Services</b>		Signature Lab Director <i>Mary Davlin</i>		PUBLIC SERVICES	
Name of Sampler <b>REG</b>		Sampler Employed By <b>CCAS SLO</b>			
Date/Time Sample Collected <b>June 9, 1988 @ 1540</b>		Date/Time Sample Received at Lab. <b>June 9, 1988 @ 1545</b>		Were Holding Times Observed? <b>Yes</b>	
System Name <b>City of Pismo Beach</b>				System Number	
Description of Sampling Point <b>Well #9</b>					
Name/Number of Sample Source				Station Number	
Date and Time of Sample <b>8   8   0   6   0   9   1   5   4   0</b> Y Y M M D D T T T T		Water Type <b>G</b> G/S	User ID <b>           </b>	Submitted to SWQIS By	

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

Central  
Coast  
Analytical  
Services

Air, Water, & Hazardous Waste Sampling, Analysis, & Consultation  
State Certified Hazardous Waste, Chemistry, & Bacteriology Laboratories

141 Suburban Road, Suite C-4  
San Luis Obispo, Ca 93401  
Fax (805) 543-2685  
(805) 543-2553

6483-D Calle Real  
Goleta, CA 93117  
Fax (805) 976-4386  
(805) 964-7838

TITLE 22 CHEMICAL ANALYSES

Date of Report <b>June 13, 1988</b>		Lab Sample ID Number <b>E-5368</b>	
Laboratory Name <b>Central Coast Analytical Services</b>		Signature Lab Director <i>May Havelok</i>	
Name of Sampler <b>REG</b>		Sampler Employed By <b>CCAS SLO</b>	
Date/Time Sample Collected <b>June 9, 1988 @ 1544</b>	Date/Time Sample Received at Lab. <b>June 9, 1988 @ 1545</b>	Were Holding Times Observed? <b>Yes</b>	
System Name <b>City of Pismo Beach</b>			System Number
Description of Sampling Point <b>Effluent</b>			
Name/Number of Sample Source		Station Number	
Date and Time of Sample <b>8   8   0   6   0   9   1   5   4   4</b> Y Y M M D D T T T T	Water Type <b>G/S</b>	User ID	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45 mg/L	Nitrate (NO3)		71850	
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

• 250-500-600

\*\* 900-1600-2200

\*\*\* 500-1000-1500

Copy of document found at [www.NonNewWipTax.com](http://www.NonNewWipTax.com)

Central  
Coast  
Analytical  
Services

Air, Water, & Hazardous Waste Sampling, Analysis, & Consultation  
State Certified Hazardous Waste, Chemistry, & Bacteriology Laboratories

141 Suburban Road, Suite C-4  
San Luis Obispo, Ca 93401  
Fax (805) 543-2685  
(805) 543-2553

6483-D Calle Real  
Goleta, CA 93117  
Fax (805) 976-4386  
(805) 964-7838

TITLE 22 CHEMICAL ANALYSES

Date of Report <u>June 13, 1988</u>		Lab Sample ID Number <u>E-5367</u>	
Laboratory Name <u>Central Coast Analytical Services</u>		Signature Lab Director <i>Mary Hawlicik</i>	
Name of Sampler <u>REG</u>		Sampler Employed By <u>CCAS SLO</u>	
Date/Time Sample Collected <u>June 9, 1988 @ 1542</u>	Date/Time Sample Received at Lab. <u>June 9, 1988 @ 1545</u>	Were Holding Times Observed? <u>Yes</u>	
System Name <u>City of Pismo Beach</u>			System Number
Description of Sampling Point <u>Well #10</u>			
Name/Number of Sample Source		Station Number	
Date and Time of Sample <u>8   8   0   6   0   9   1   5   4   2  </u> Y Y M M D D T T T T	Water Type <u>G</u> G.S	User ID <u>        </u>	Submitted to SWQIS By

MCL Reporting Units	Constituent	T T	Storet Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations	meq/L Value:			

mg/L	Total Alkalinity (as CaCO3)		410	
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	
mg/L +	Sulfate (SO4)		945	
mg/L +	Chloride (Cl)		940	
45	mg/L Nitrate (NO3)		71850	
1.4-2.4	mg/L Fluoride (F) Temp. Depend.		951	
Total Anions	meq/L Value:			

Std Units	pH (Laboratory)		403	
** umho/cm +	Specific Conductance (E.C.)		95	
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5	mg/L + MBAS		38260	

• 250-500-600

\*\* 900-1600-2200

\*\*\* 500-1000-1500

Copy of document found at [www.NoNewWipTax.com](http://www.NoNewWipTax.com)

S O C I INC.

31133 W. VIA COLINAS-ST-101  
WESTLAKE VILLAGE, CA. 91362  
(818)889-4256

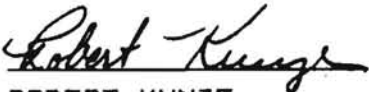
CITY OF PISMO BEACH

SAMPLE TYPE- WELL WATER/4th & Frontage/Well #10 Spigot  
DATE SAMPLED- 2/19/88  
DATE RECEIVED- 2/22/88  
DATE REPORTED- 3/3/88  
LOG NO.- 801-1-11817

LAB ANALYSIS

CONSTITUENT	QUANTITY	MAXIMUM LIMIT
GROSS ALPHA-	<1 +/- 0.5 PCI/L	5.0
GROSS BETA-	6.2 +/- 2.5 PCI/L	50

I DECLARE UNDER PENALTY OF PERJURY, THAT THE FOREGOING IS TRUE AND ACCURATE AS FOR THE SAMPLES AS DELIVERED & RECEIVED.



ROBERT KUNZE  
LAB MANAGER

INVOICE NO. 1097  
INV. DATED 3/3/88

A TOTAL OPERATION SERVICES CORPORATION



Central  
Coast  
Analytical  
Services

Air, Water, & Hazardous Waste  
Sampling, Analysis, & Consultation  
State Certified Hazardous Waste,  
Chemistry, & Bacteriology Laboratory

141 Suburban Road, Suite C-4  
San Luis Obispo, Ca 93401  
(805) 543-2553 Fax (805) 543-2685

6483-D Calle Real  
Goleta, CA 93117  
(805) 964-7838

RECEIVED

NOV 9 1987

AGRICULTURAL AND MISCELLANEOUS  
ORGANIC CHEMICAL ANALYSES

CITY OF PISMO BEACH  
FINANCE DEPT.

Date of Report: October 21, 1987 Lab Sample ID No. D-7140  
Laboratory Signature Lab  
Name: Central Coast Analytical Services Director: *Mary Harlow*  
Name of Sampler  
Sampler: Roberts Garrett Employed By: CCAS  
Date/Time Sample Date/Time Sample Were Holding  
Collected: 9/11/87 @1045 Received @ Lab: 9/11/87 @1200 Times Observed? Yes  
Were all the constituents listed  
Test Methods: EPA 615/8150 below quantified? Yes

System Name: City of Pismo Beach System Number: \_\_\_\_\_

Description of Sampling Point: Well #10 *File* County Name: San Luis Obispo

Name/No. Of Sample Station Number: \_\_\_\_\_

Source: \_\_\_\_\_  
Date & Time of Sample: 8|7|09|1|1|1|0|4|5 Water G User \_\_\_\_\_ Submitted to SWQIS  
Sample: Y Y M M D D T T T T Type: G/S ID: \_\_\_\_\_ By: \_\_\_\_\_

Place an "X" in box to delete all data for this station/date/time.

REPORTING UNITS	CONSTITUENT	T	STORET CODE	ANALYSES RESULTS	DETECTION LIMIT
	Date All Agricultural/Misc Organic Analyses Completed		73672	8 7 1 0 2 1 Y Y M M D D	
	Analyzing Agency Code (Lab)		28		
	Intensive Survey Number		116		
ug/L	2,4-D		39730	N..D..	0.1
ug/L	2,4,5-TP		39045	N..D..	0.01
ug/L	Lindane (gamma-BHC)		39340	N..D..	0.1
ug/L	Endrin		39390	N..D..	0.01
ug/L	Methoxychlor		39480	N..D..	0.5
ug/L	Toxaphene		39400	N..D..	0.50
ug/L					
ug/L					
ug/L					
ug/L					
ug/L					
ug/L					
ug/L					
ug/L					
ug/L					
ug/L					
ug/L					
ug/L					
ug/L					
ug/L					
ug/L					

MH/ke

Central  
Coast  
Analytical  
Services

Air, Water, & Hazardous Waste  
Sampling, Analysis, & Consultation  
State Certified Hazardous Waste,  
Chemistry, & Bacteriology Laboratory

*San Luis Obispo Water Treatment Plant*

OCT 29 1987

141 Suburban Road, Suite C-4  
San Luis Obispo, Ca 93401  
(805) 543-2553 Fax (805) 543-2685

6483-D Calle Real  
Goleta, CA 93117  
(805) 964-7838

TITLE 22 CHEMICAL ANALYSES

Date of Report <b>September 27, 1987</b>		Lab Sample ID Number <b>D-7449</b>	
Laboratory Name <b>Central Coast Analytical Services</b>		Signature Lab Director <i>May Hawliczek</i>	
Name of Sampler <b>Robert Garrett</b>		Sampler Employed By <b>CCAS</b>	
Date/Time Sample Collected <b>09/23/87 @ 1045</b>	Date/Time Sample Received at Lab. <b>09/23/87 @ 1200</b>	Ware Holding Times Observed? <b>Yes</b>	
System Name <b>City of Pismo Beach</b>			System Number
Description of Sampling Point <b>City of Pismo Beach Effluent after treatment</b>			
Name/Number of Sample Source		Station Number	
Date and Time of Sample 8   7   0   9   2   3   1   0   4   5 Y   Y   M   M   D   D   T   T   T   T	Water Type G/S	User ID	Submitted to SWGIS By

MCL Reporting Units	Constituent	T T	Store Code	Analyses Results
	Analyzing Agency (Laboratory)		28	
mg/L	Total Hardness (as CaCO3)		900	✓ 2 9 0 .
mg/L	Calcium (Ca)		916	
mg/L	Magnesium (Mg)		927	
mg/L	Sodium (Na)		929	
mg/L	Potassium (K)		937	
Total Cations meq/L Value:				

mg/L	Total Alkalinity (as CaCO3)		410	✓ 1 1 0 .
mg/L	Hydroxide (OH)		71830	
mg/L	Carbonate (CO3)		445	
mg/L	Bicarbonate (HCO3)		440	1 1 0 .
mg/L +	Sulfate (SO4)		945	✓ 9 0 .
mg/L +	Chloride (Cl)		940	3 0 0 .
45 mg/L	Nitrate (NO3)		71850	< 0 . 4
1.4-2.4 mg/L	Fluoride (F) Temp. Depend.		951	✓ 0 . 9 5
Total Anions meq/L Value:				

Std Units	pH (Laboratory)		403	✓ 6 . 9
** umho/cm +	Specific Conductance (E.C.)		95	✓ 1 2 5 0 .
*** mg/L +	Total Filterable Residue at 180° C (TDS)		70300	✓ 8 5 0 .
UNITS	Apparent Color (Unfiltered)		81	
TON	Odor Threshold at 60° C		86	
NTU	Lab Turbidity		82079	
0.5 mg/L +	MBAS		38260	

Central  
Coast  
Analytical  
Services

Central Coast  
Analytical Services  
141 Suburban Road, Suite C-4  
San Luis Obispo, California 93401  
(805) 543-2553

Lab Number: D-7449  
Collected: 09/23/87  
Received: 09/23/87  
Tested: 10/12/87  
Collected by: R. Garrett

EPA METHOD 608/8080 - PESTICIDES AND PCB'S

City of Pismo Beach  
1000 Bello Street  
Pismo Beach, CA 93449

SAMPLE DESCRIPTION:  
Effluent After Treatment, Water

Compound Analyzed	Detection Limit micrograms/L	Concentration micrograms/L
Lindane (gamma-BHC)	0.1	not found
Endrin	0.1	not found
Methoxychlor	0.2	not found
Toxaphene	0.2	not found

Compounds listed as "not found" would have been reported if present at or above the listed detection limits. Sample was extracted 09/29/87

Respectfully submitted,

*Mary Havlicek JRH*  
Mary Havlicek, Ph.D.

D7449P.wr1  
MH/jac/arp/sc

Central  
Coast  
Analytical  
Services

Central Coast  
Analytical Services  
141 Suburban Road, Suite C-4  
San Luis Obispo, California 93401  
(805) 543-2553

Lab Number: As Listed  
Collected: 09/23/87 @ 1045  
Received: 09/23/87 @ 1200  
Tested: As Listed  
Collected by: REG of CCAS

City of Pismo Beach  
1000 Bello Street  
Pismo Beach, CA 93449

Sample Description:  
Samples As Listed

REPORT

LAB NUMBER	SAMPLE DESCRIPTION	LEVEL FOUND	
		IRON	SULFIDE
EPA METHOD NUMBER-----		ug/l	mg/l
DETECTION LIMIT-----		200.7	376.1
DATE TESTED/ANALYST-----		0.05	0.1
		09/21/87/KW	09/23/87/LD

D-7449	Effluent Drinking Water After Treatment	1300.	<0.1
D-7450	Well #10 Before Treatment	-----	<0.1
D-7451	Well #9 Before Treatment	-----	<0.1

D7449PB.WR1  
MH/ke

Respectfully submitted,  
CENTRAL COAST ANALYTICAL SERVICES  
*Mary Havlicek*  
Mary Havlicek, Ph.D., President

GENERAL COAST ANALYTICAL SERVICES

CHECKLIST:

WATER ANALYSIS # C-0432

MCL refers to Maximum Contaminant Level as given in Title 22, Domestic Water Quality Standards, California Administrative Code 1977. The full text can be reviewed in our library. Only those constituents listed under 'Inorganic Chemicals' have potential toxic effects when above MCL. All of the other constituents (when above the MCL) may contribute some unacceptable characteristic to the majority of users. NL means 'not listed', in other words no MCL was given in reference, so any level would be acceptable. Space is blank if test was not done.

GENERAL MINERAL	MCL mg/l	LEVEL FOUND below/above	INORGANIC CHEMICALS	MCL mg/l	LEVEL FOUND below/above
Calcium	NL	ok	Fluoride	1.8	X
Magnesium	NL	ok	Nitrate Nitrogen	10.	X
Sodium	NL	ok	Nitrate (NO3)	45.	X
Alkalinity	NL	ok	Arsenic	0.05	X
<u>Iron</u>	0.3	X	Barium	1.0	X
<u>Manganese</u>	0.05	X	Cadmium	0.010	X
Copper	1.0	X	Chromium	0.05	X
Zinc	5.0	X	Lead	0.05	X
MBAS	0.5	X	Mercury	0.002	X
			Selenium	0.01	X
			Silver	0.05	X
GENERAL PHYSICAL	units				
<u>Color</u>	15.	X			
<u>Odor</u>	3.	X			
<u>Turbidity</u>	5.	X			

MINERALIZATION	maximum contaminant level ( )			
	Recommended	Upper	Short Term	Above
Conductance, micromhos	___ (900)	X ___ (1600)	___ (2200)	___
Dissolved Solids, Total mg/l	___ (500)	X ___ (1000)	___ (1500)	___
Chloride, mg/l	X ___ (250)	___ (500)	___ (600)	___
Sulfate, mg/l	___ (250)	X ___ (500)	___ (600)	___

**HARDNESS** is due primarily to calcium and magnesium. When water is 'softened' sodium replaces both elements. Persons on low-sodium diets may want to avoid soft water; also, plants do better with hard water. Hard water tends to increase scale formation and subsequent heat loss in boilers and water heaters. Soft water may decrease laundry costs and it may also be more corrosive.

Hardness on this sample: \_\_\_ soft (up to 100mg/l) \_\_\_ moderately hard (100-200) \_\_\_ very hard (over 200)  
 (grains per gallon) \_\_\_ (up to 6) \_\_\_ (6-12) \_\_\_ (over 12)

REMARKS:

*Mary Hawland*

Central  
Coast  
Analytical  
Services

141 Suburban Road, Suite C-4  
San Luis Obispo, Ca 93401  
Fax (805) 543-2685  
(805) 543-2553

Lab #3759  
Sample ID No. F-13,182

Date of Report: October 20, 1989

Laboratory

Signature Lab

Name: Central Coast Analytical Services

Director: *M. S. ...*

Name of Sampler: Ed Salla

Employed By: CCAS SLO

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 10/12/89@1010 Received @ Lab: 10/12/89@1031 Completed: 10/20/89

System

System

Name: City of Pismo Beach

Number: \_\_\_\_\_

Name or Number Of Sample Source: Raw Drinking Water, Well #10

Water Type: (G/S)  Station Number: \_\_\_\_\_

Date/Time of Sample: 8|9|10|12|10|10 User ID: \_\_\_\_\_  
Y Y M M D D T T T T

Analyzing Agency Code: 3|7|5|9 Date Analyses Completed: 8|9|10|2|0  
Y Y M M D D

Submitted by: City of Pismo Beach Phone #: \_\_\_\_\_

Place an "X" in box to delete all data for this station/date/time.

REGULATED ORGANIC CHEMICALS

TEST METHOD	CONSTITUENT ALL CONSTITUENTS REPORTED uG/L	ENTRY #	ANALYSES RESULTS	MCL uG/L	* DLR
524.2	Bromodichloromethane	32101	N   .   D   .		0.50
524.2	Bromoform	32104	N   .   D   .		0.50
524.2	Chloroform	32106	N   .   D   .		0.50
524.2	Dibromochloromethane	32105	N   .   D   .		0.50
524.2	Total trihalomethanes	82080	N   .   D   .	100	0.50
524.2	Benzene	34030	N   .   D   .	1	0.50
524.2	Carbon tetrachloride	32102	N   .   D   .	.5	0.50
524.2	Ethylbenzene	34371	N   .   D   .	680	0.50
524.2	1,4-Dichlorobenzene (p-DCB)	34571	N   .   D   .	5	0.50
524.2	1,2-Dichloroethane (1,2-DCA)	34531	N   .   D   .	.5	0.50
524.2	1,1-Dichloroethylene (1,1-DCE)	34501	N   .   D   .	6	0.50
524.2	Total 1,3-Dichloropropene	34561	N   .   D   .	.5	0.50
524.2	Monochlorobenzene (Chlorobenzene)	34301	N   .   D   .	30	0.50
524.2	1,1,2,2-Tetrachloroethane	34516	N   .   D   .	1	0.50
524.2	Tetrachloroethylene (PCE)	34475	N   .   D   .	5	0.50
524.2	1,1,1-Trichloroethane (1,1,1-TCA)	34506	N   .   D   .	200	0.50
524.2	1,1,2-Trichloroethane (1,1,2-TCA)	34511	N   .   D   .	32	0.50
524.2	Trichloroethylene (TCE)	39180	N   .   D   .	5	0.50
524.2	Vinyl chloride (VC)	39175	N   .   D   .	.5	0.50
524.2	m,p-Xylene	A-014	N   .   D   .		
524.2	o-Xylene	77135	N   .   D   .		
524.2	Total Xylenes (m,p & o)	81551	N   .   D   .	1750	0.50

\* Detection Limit for Reporting purposes

REGULATED ORGANIC CHEMICALS CONTINUED F-13,182

TEST METHOD	CONSTITUENT ALL CONSTITUENTS REPORTED uG/L	ENTRY #	ANALYSES RESULTS	MCL uG/L	* DLR
	Bentazon (Basagran)	38710		18	2.0
504	Dibromochloropropane (DBCP)	38761	N     D	.2	0.01
504	Ethylene Dibromide (EDB)	77651	N     D	.02	0.02
507	Atrazine (AAtrex)	39033	N     D	3	1.0
	Molinate (Ordram)	82199		20	2.0
507	Simazine (Princep)	39055	N     D	10	1.0
	Thiobencarb (Bolero)	A-001		70	0.80
	Endrin	39390		.2	0.01
	Lindane (gamma-BHC)	39340		4	0.40
	Methoxychlor	39480		100	10.
	Toxaphene	39400		5	0.50
	2,4-D	39730		100	10.
	2,4,5-TP (Silvex)	39045		10	1.0

UNREGULATED ORGANIC CHEMICALS

TEST METHOD	CONSTITUENT ALL CONSTITUENTS REPORTED uG/L	ENTRY #	ANALYSES RESULTS	* DLR
524.2	Bromobenzene	81555	N     D	0.50
524.2	Bromochloromethane	A-012	N     D	0.50
524.2	Bromomethane (Methyl Bromide)	34413	N     D	0.50
524.2	n-Butylbenzene	A-010	N     D	0.50
524.2	sec-Butylbenzene	77350	N     D	0.50
524.2	tert-Butylbenzene	77353	N     D	0.50
524.2	Chloroethane	34311	N     D	0.50
524.2	2-Chloroethylvinyl ether	34576	N     D	1.0
524.2	Chloromethane (Methyl Chloride)	34418	N     D	0.50
524.2	2-Chlorotoluene	A-008	N     D	0.50
524.2	4-Chlorotoluene	A-009	N     D	0.50
524.2	Dibromomethane	77596	N     D	0.50
524.2	1,2-Dichlorobenzene (o-DCB)	34536	N     D	0.50
524.2	1,3-Dichlorobenzene (m-DCB)	34566	N     D	0.50
524.2	Dichlorodifluoromethane	34668	N     D	0.50
524.2	1,1-Dichloroethane (1,1-DCA)	34496	N     D	0.50
524.2	cis-1,2-Dichloroethylene	77093	N     D	0.50
524.2	trans-1,2-Dichloroethylene	34546	N     D	0.50
524.2	1,2-Dichloropropane	34541	N     D	0.50
524.2	1,3-Dichloropropane	77173	N     D	0.50
524.2	2,2-Dichloropropane	77170	N     D	0.50
524.2	1,1-Dichloropropene	77168	N     D	0.50
524.2	Hexachlorobutadiene	34391	N     D	0.50
524.2	Isopropylbenzene	77223	N     D	0.50
524.2	p-Isopropyltoluene	A-011	N     D	0.50
524.2	Methylene chloride	34423	N     D	0.50
524.2	Naphthalene	34696	N     D	0.50
524.2	n-Propylbenzene	77224	N     D	0.50
524.2	Styrene	77128	N     D	0.50
524.2	1,1,1,2-Tetrachloroethane	77562	N     D	0.50
524.2	Toluene	34010	N     D	0.50
524.2	1,2,3-Trichlorobenzene	77613	N     D	0.50
524.2	1,2,4-Trichlorobenzene	34551	N     D	0.50
524.2	Trichlorofluoromethane (Freon 11)	34488	N     D	0.50
524.2	1,2,3-Trichloropropane	77443	N     D	0.50
524.2	Trichlorotrifluoroethane (Freon 113)	81611	N     D	0.50
524.2	1,2,4-Trimethylbenzene	77222	N     D	0.50

UNREGULATED ORGANIC CHEMICALS CONTINUED F-13,182

TEST METHOD	CONSTITUENT ALL CONSTITUENTS REPORTED uG/L	ENTRY #	ANALYSES RESULTS	* DLR
524.2	1,3,5-Trimethylbenzene	77226	N.L.D.	0.50
524.2	Methyl ethyl ketone (MEK, Butanone)	81595		5.0
524.2	Methyl isobutyl ketone (MIBK)	81596		5.0
	Alachlor (Alanex)	77825		
	Chlordane	39350		0.10
	Heptachlor	39410		0.01
	Heptachlor epoxide	39420		0.01
	Bromacil (Hyvar)	82198		
	Diazinon	39570		
	Procmetryn (Caparol)	39057		
	Chlorothalonil (Daconil, Bravo)	70314		
	Dimethoate (Cygon)	38458		
	Diethylhexylphthalate (DEHP)	39100		5.0
	Aldicarb (Temik)	39053		
	Carbofuran (Furadan)	81405		
	Glyphosate	79743		

Note and describe any additional compounds found: \_\_\_\_\_



ORGANIC CHEMICAL ANALYSES

Date of Report: September 11, 1992 Sample ID No. 692-4086.2  
 Laboratory Signature Lab  
 Name: The Twining Laboratories, Inc. Director: Jon L. Strutzel  
 Name of Sampler: Tina Grietens Employed By: City of Pismo Beach  
 Date/Time Sample 07-27-92/1029 Date/Time Sample 07-28-92/1000 Date Analyses 08-16-92  
 Collected: 07-27-92/1029 Received @ Lab 07-28-92/1000 Completed: 08-16-92

System Name: \_\_\_\_\_ System Number: \_\_\_\_\_

Name or Number of Sample Source: Well #10 (792-1-1002)(792-1-1005)(792-1-1008)

User ID:  Source Number:

Date/Time of Sample:  Laboratory Code:

Y Y M M D D T T T T  
 Date Analyses Completed:

Y Y M M D D  
 Submitted by: City of Pismo Beach Phone # (805) 773-7067

REGULATED ORGANIC CHEMICALS

TEST METHOD	CONSTITUENT ALL CONSTITUENTS REPORTED	ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	* DLR ug/L
	Bromodichloromethane		32101	< 0.5		0.50
	Bromoform		32104	< 0.5		0.50
	Chloroform (Trichloromethane)		32106	< 0.5		0.50
	Dibromochloromethane		32105	< 0.5		0.50
	Total Trihalomethanes (THM'S/TTHM)		82080	< 0.5	100	0.50
	Benzene		34030	< 0.5	1	0.50
	Carbon tetrachloride		32102	< 0.5	.5	0.50
	Ethyl benzene		34371	< 0.5	680	5.0
	1,4-Dichlorobenzene (p-DCB)		34571	< 0.5	5	0.50
	1,1-Dichloroethane (1,1-DCA)		34496	< 0.5	5	0.50
	1,2-Dichloroethane (1,2-DCA)		34531	< 0.5	.5	0.50
	1,1-Dichloroethylene (1,1-DCE)		34501	< 0.5	6	0.50
	cis-1,2-Dichloroethylene		77093	< 0.5	6	0.50
	trans-1,2-Dichloroethylene		34546	< 0.5	10	0.50
	1,2-Dichloropropane		34541	< 0.5	5	0.50
	Total 1,3-Dichloropropene		34561	< 0.5	.5	0.50
	Monochlorobenzene (Chlorobenzene)		34301	< 0.5	30	1.0
	1,1,2,2-Tetrachloroethane		34516	< 0.5	1	0.50
	Tetrachloroethylene (PCE)		34475	< 0.5	5	0.50
	1,1,1-Trichloroethane (1,1,1-TCA)		34506	< 0.5	200	1.0
	1,1,2-Trichloroethane (1,1,2-TCA)		34511	< 0.5	32	1.0
	Trichloroethylene (TCE)		39180	< 0.5	5	0.50

\* Detection Limit for Reporting Purposes




## NOTICE OF ENVIRONMENTAL EXEMPTION

To:  Office of Planning and Research      From: City of Pismo Beach  
 1400 Tenth Street      P.O. Box 3  
 Sacramento, CA 95814      Pismo Beach, CA 93448

or

County Clerk of the Board of Supervisors  
 County of San Luis Obispo  
 County Government Center  
 San Luis Obispo, CA 93408

PROJECT TITLE AND NUMBER: Water treatment plant storeroom Project 91-5	
PROJECT LOCATION - SPECIFIC: 4th Street & Five Cities Drive	
PROJECT LOCATION - CITY: Pismo Beach	PROJECT LOCATION - COUNTY: San Luis Obispo
DESCRIPTION OF NATURE, PURPOSE, AND BENEFICIARIES OF PROJECT: To provide storage for equipment & material for water treatment plant.	
NAME OF PUBLIC AGENCY APPROVING PROJECT: City of Pismo Beach	
EXEMPT STATUS: (Check One)	
<input type="checkbox"/> Ministerial (Sec. 15208) <input type="checkbox"/> Emergency (Sec. 15269) <input checked="" type="checkbox"/> Categorical. (State type and section number.)      Class 1 <span style="float: right;">15301 (e)</span>	
REASONS WHY PROJECT IS EXEMPT: Consists of minor operation of existing public facilities, involving negligible and no expansion beyond existing facilities.	
CONTACT PERSON: Michael Villarreal	AREA CODE:      TELEPHONE:      EXTENSION: 805      773-4656
If filed by applicant:	
1. Attach a certified document of exemption finding. 2. Has a notice of exemption been filed by the public agency approving this project?    Yes ___    No ___    N.A. <u>X</u>	
SIGNATURE: 	DATE RECEIVED FOR FILING:
TITLE: Engineering Technician	DATE: 6/25/91

MAILED  
6/26/91

PG&E AGRICULTURAL SERVICES, PUMP TEST REPORT

PG&E PLANT ID: 2736

A PUMP TEST WAS CONDUCTED BY DENNIS KUNKEL ON 01/29/91 FOR A 30.0 H.P. NO NAME PLATE MOTOR AND NO PUMP MAKE SUBMERSIBLE PUMP LOCATED WELL #10.

CUSTOMER MAILING ADDRESS  
 CITY OF PISMO BEACH  
 ATTN: ROCKY RODGERS  
 1000 BELLO STREET  
 PISMO BEACH, CA 93449

ACCOUNT INFORMATION  
 ACCOUNT NO. MBV-58-03721  
 METER NO. 59796T  
 ENERGY USAGE: 304926 KWH/YR  
 ENERGY COST: 9.00 CENTS/KWH

TEST RESULTS

RUN NUMBER	1
STANDING WATER LEVEL (FT)	106.0
DRAWDOWN (FT)	31.0
PUMPING WATER LEVEL (FT)	137.0
DISCHARGE LEVEL (FT)	115.5
DISCHARGE PRESSURE AT GAUGE (PSI)	50.0
TOTAL LIFT (FT)	252.5
PG&E WATER FLOW RATE (GPM)	177
WELL YIELD	15.7
ACRE FEET PER 24 HOURS	.8
HORSEPOWER INPUT TO MOTOR	34.2
PERCENT OF RATED MOTOR LOAD	89
KILOWATT INPUT TO MOTOR	24.8
KILOWATT HOURS PER THOUS. GALS	2.3
OVERALL PLANT EFFICIENCY	34.8

TEST REMARKS

-THE OVERALL PLANT EFFICIENCY IS LOW BASED ON RUN NUMBER 1'S NORMAL OPERATING CONDITION.

POTENTIAL SAVINGS

THE SAVINGS BELOW ARE POSSIBLE IF THE OVERALL EFFICIENCY OF YOUR PUMPING PLANT WOULD BE IMPROVED TO THE LEVEL INDICATED BELOW. THE CALCULATIONS BELOW ARE BASED ON NORMAL RUN NUMBER 1.

	PRESENT CONDITIONS	ESTIMATE AFTER REPAIRS	POTENTIAL SAVINGS
OVERALL PLANT EFFICIENCY (%)	34.8	60.9	-
ANNUAL ENERGY USED (KWH)	304926	188944	115982
ANNUAL COST (\$)	27443	17005	10438
ANNUAL OPERATING HOURS	12705	7873	4832
WATER FLOW RATE (GPM)	177	286	.09
TOTAL LIFT (FT)	252.5	271.6	-
% OF RATED MOTOR	89	100	-
KILOWATT HOURS PER THOUS. GALS	2.3	1.4	0.9
ANNUAL THOUS. GALS PUMPED	132577	132577	-

PACIFIC GAS AND ELECTRIC COMPANY  
\*\*\* PUMP TEST REPORT \*\*\*

----- CUSTOMER AND FACILITY DATA -----  
PLANT LOCATION : WELL #10  
MOTOR MAKE : Unknown H.P. : 30.0  
PUMP MAKE : Unknown TYPE : Submersible  
MAILING ADDRESS :  
CITY OF PISMO BEACH  
1000 BELLO ST.  
PISMO BEACH CA 93449  
PG&E PLANT ID.# : 2786  
CONTROL# : 5236364-1 SUF. = A  
ACCOUNT# : MBV-58-03721  
METER# : 59796T  
C.G.C. # :  
ENERGY USAGE : 259892 KWH/YR  
ENERGY COST : 10.0 CENTS/KWH  
THOU.GALS/YR : 121688.2

----- TEST RESULTS -----  
TEST DATE : 11-14-89 TESTER : DENNIS KUNKEL PHONE : (805)595-6322

RUN NUMBER	1
MEASURED RPM	-
STANDING WATER LEVEL (FT)	103.0
DRAWDOWN (FT)	26.6
PUMPING WATER LEVEL (FT)	129.6
DISCHARGE LEVEL (FT)	87.7
DISCHARGE PRESSURE AT GAUGE (PSI)	38.0
TOTAL LIFT (FT)	217.3
SURVEY LIFT (FT)	-
PGE WATER FLOW RATE (GPM)	199
CUSTOMER WATER FLOW RATE (GPM)	207
WELL YIELD (GPM/FT DRAWDOWN)	7.5
THOU.GALS PER 24 HOURS	286.6
HORSEPOWER INPUT TO MOTOR	34.2
PERCENT OF RATED MOTOR LOAD	95
KILOWATT INPUT TO MOTOR	25.5
KILOWATT HOURS PER THOU.GALS	2.1
OVERALL PLANT EFFICIENCY (%)	31.9

----- REMARKS -----  
\* THE OVERALL EFFICIENCY OF THIS PLANT IS CONSIDERED TO BE LOW ASSUMING  
RUN NUMBER 1 REPRESENTS THE PLANT'S NORMAL OPERATING CONDITIONS.  
\* DATUM IS CENTER LINE OF DISCHARGE PIPE UNLESS OTHERWISE SPECIFIED.

REPORT DATE : September 30, 1992  
EXAMINATION NO.: 692-5444.1

PAGE 1 of 1

CLIENT : City of Pismo Beach

PROJECT NAME : Well #10-Retest

DATE SAMPLED : 09-23-92 at 1120 by T. Grietens  
DATE RECEIVED : 09-24-92 at 1240 via Federal Express  
DATE PREPARED : 09-25-92  
DATE ANALYZED : 09-29-92

ANALYZED BY : D. Harris  
REVIEWED BY : B. Stafford

SAMPLE TYPE : Water  
SAMPLE IDENTIFICATION: Well #10

CONSTITUENT	RESULT (ug/L)	MDL (ug/L)	METHOD
Chlordane	ND	0.1	508
Heptachlor	ND	0.01	508
Heptachlor Epoxide	ND	0.01	508

NOTES:

ug/L: micrograms per Liter (parts per billion)  
MDL : Method Detection Limit  
ND : None Detected

*The Twining Laboratories, Inc.*

Fresno Modesto Visalia Bakersfield







CLINICAL LABORATORY OF SAN BERNARDINO, INC.

EDT

21881 BARTON ROAD  
GRAND TERRACE, CA 92313

GENERAL MINERAL & PHYSICAL, & INORGANIC ANALYSIS (4/95)

Date of Report: 03/19/97

Sample ID No.M71425-3A

Laboratory

Signature Lab

Name: CLINICAL LABORATORIES OF SAN BERNARDINO

Director: *Bob Slank*

Name of Sampler: W.TYLER

Employed By: CITY OF PISMO BEACH

Date/Time Sample

Date/Time Sample

Date Analyses

Collected: 97/03/12/0905

Received @ Lab: 97/03/13/1700

Completed: 97/03/14

System

System

Name: CITY OF PISMO BEACH

Number: 4010008

Name or Number of Sample Source: WELL 10

\*\*\*\*\*

\* User ID: TAP

Station Number: 32S/13E-18P01 M \*

\* Date/Time of Sample: |97|03|12|0905|

Laboratory Code: 3761 \*

\* YY MM DD TTTT

YY MM DD \*

\* Date Analysis Completed: |97|03|14| \*

\* Submitted by: \_\_\_\_\_

Phone #: \_\_\_\_\_ \*

\*\*\*\*\*

PAGE 1 OF 1

MCL	REPORTING UNITS	CHEMICAL	ENTRY #	ANALYSES RESULTS	DLR
	mg/L	Total Hardness (as CaCO3)	00900		
	mg/L	Calcium (Ca)	00916		
	mg/L	Magnesium (Mg)	00927		
	mg/L	Sodium (NA)	00929		
	mg/L	Potassium (K)	00937		
Total Cations		Meq/L Value: 0.0			
	mg/L	Total Alkalinity (AS CaCO3)	00410		
	mg/L	Hydroxide (OH)	71830		
	mg/L	Carbonate (CO3)	00445		
	mg/L	Bicarbonate (HCO3)	00440		
*	mg/L+	Sulfate (SO4)	00945		0.5
*	mg/L+	Chloride (Cl)	00940		
45	mg/L	Nitrate (as NO3)	71850	< 2.0	2.0
**	mg/L	Fluoride (F) Temp. Depend.	00951		0.1
Total Anions		Meq/L Value: 0.0			
	Std.Units+	PH (Laboratory)	00403		
***	umho/cm+	Specific Conductance (E.C.)	00095		
****	mg/L+	Total Filterable Residue at 180C (TDS)	70300		
	Units	Apparent Color (Unfiltered)	00081		
	TON	Odor Threshold at 60 C	00086		
	NTU	Lab Turbidity	82079		
0.5	mg/L+	MBAS	38260		
* 250-500-600 ** 1.4-2.4 *** 900-1600-2200 **** 500-1000-1500					
+ Indicates Secondary Drinking Water Standards					

CLINICAL LABORATORY OF SAN BERNARDINO, INC.  
 21881 BARTON ROAD  
 GRAND TERRACE, CA 92313  
 ORGANIC CHEMICAL ANALYSIS (3/96)

EDT

Date of Report: 03/27/97 Sample ID No. M71425X-3A  
 Laboratory Signature Lab  
 Name: CLINICAL LABORATORIES OF SAN BERNARDINO Director: *[Signature]*  
 Name of Sampler: W. TYLER Employed By: PISMO BEACH  
 Date/Time Sample Date/Time Sample Date Analyses  
 Collected: 97/03/12/0905 Received @ Lab: 97/03/13/1700 Completed: 97/03/21

=====  
 System System  
 Name: CITY OF PISMO BEACH Number: 4010008  
 Name or Number of Sample Source: WELL 10  
 \*\*\*\*\*  
 \* User ID: TAP Station Number: 32S/13E-18P01 M \*  
 \* Date/Time of Sample: |97|03|12|0905| Laboratory Code: 3761 \*  
 \* YY MM DD TTTT YY MM DD \*  
 \* Date Analysis Completed: |97|03|21| \*  
 \* Submitted by: Phone #: \*  
 \*\*\*\*\*

PAGE 1 OF 1

REGULATED ORGANIC CHEMICALS

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
508	Endrin	39390	ND	2	0.10
508	Lindane (gamma-BHC)	39340	ND	.2	0.20
508	Methoxychlor	39480	ND	40	10.0
508	Toxaphene	39400	ND	3	1.0
508	Chlordane	39350	ND	.1	0.1
508	Heptachlor	39410	ND	.01	0.01
508	Heptachlor Epoxide	39420	ND	.01	0.01
508	Hexachlorobenzene	39700	ND	1	0.5
508	Hexachlorocyclopentadiene	34386	ND	50	1.0
508	Polychlorinated Biphenyls (Total PCB's)	39516	ND	.5	0.5

UNREGULATED ORGANIC CHEMICALS

508	Aldrin	39330	ND		0.075
508	Chlorothalonil (DACONIL, BRAVO)	70314	ND		5.0
508	Dieldrin	39380	ND		0.02
508	Propachlor	38533	ND		0.5

# REVISED REPORT

CLINICAL LABORATORY OF SAN BERNARDINO, INC.  
 21881 BARTON ROAD  
 GRAND TERRACE, CA 92313  
 ORGANIC CHEMICAL ANALYSIS (3/96)

Date of Report: 03/26/97      Sample ID No. 95-9301  
 Laboratory      Signature Lab  
 Name: CLINICAL LABORATORIES OF SAN BERNARDINO Director: *[Signature]*  
 Name of Sampler: TINA GRIETENS      Employed By: CITY OF PISMO BEACH  
 Date/Time Sample      Date/Time Sample      Date Analyses  
 Collected: 95/09/26/1302      Received @ Lab: 95/09/28/1700      Completed: 95/10,

System      System  
 Name: CITY OF PISMO BEACH      Number: 4010008  
 Name or Number of Sample Source: WELL 10

\*\*\*\*\*  
 \* User ID: TAP      Station Number: 32S/13E-18P01 M \*  
 \* Date/Time of Sample: |95|09|26|1302|      Laboratory Code: 3761 \*  
 \*      YY MM DD TTTT      YY MM DD \*  
 \*      Date Analysis Completed: |95|10|20| \*  
 \* Submitted by:      Phone #: \*  
 \*\*\*\*\*

PAGE 1 OF 3      REGULATED ORGANIC CHEMICALS      Neg Def No. 502.2

TEST METHOD	CHEMICAL ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLR ug/L
502.2	Bromodichloromethane	32101	ND		0.5
502.2	Bromoform	32104	ND		0.5
502.2	Chloroform (Trichloromethane)	32106	ND		0.5
502.2	Dibromochloromethane	32105	ND		0.5
502.2	Total Trihalomethanes (THM'S/ TTHM)	82080	ND	100	0.5
502.2	Benzene	34030	ND	1	0.5
502.2	Carbon Tetrachloride	32102	ND	.5	0.5
502.2	1,2-Dichlorobenzene (o-DCB)	34536	ND	600	0.5
502.2	1,4-Dichlorobenzene (p-DCB)	34571	ND	5	0.5
502.2	1,1-Dichloroethane (1,1-DCA)	34496	ND	5	0.5
502.2	1,2-Dichloroethane (1,2-DCA)	34531	ND	.5	0.5
502.2	1,1-Dichloroethylene (1,1-DCE)	34501	ND	6	0.5
502.2	cis-1,2-Dichloroethylene (c-1,2-DCE)	77093	ND	6	0.5
502.2	trans-1,2-Dichloroethylene (t-1,2-DCE)	34546	ND	10	0.5
502.2	Dichloromethane (Methylene Chloride)	34423	ND	5	0.5
502.2	1,2-Dichloropropane	34541	ND	5	0.5
502.2	Total 1,3-Dichloropropane	34561	ND	.5	0.5
502.2	Ethyl Benzene	34371	ND	700	0.5
502.2	Monochlorobenzene (Chlorobenzene)	34301	ND	70	0.5
502.2	Styrene	77128	ND	100	0.5
502.2	1,1,2,2-Tetrachloroethane	34516	ND	1	0.5
502.2	Tetrachloroethylene (PCE)	34475	ND	5	0.5
502.2	Toluene	34010	ND	150	0.5
502.2	1,2,4-Trichlorobenzene	34551	ND	70	0.5
502.2	1,1,1-Trichloroethane (1,1,1-TCA)	34506	ND	200	0.5
502.2	1,1,2-Trichloroethane (1,1,2-TCA)	34511	ND	5	0.5
502.2	Trichloroethylene (TCE)	39180	ND	5	0.5
502.2	Trichlorofluoromethane (FREON 11)	34488	ND	150	5.0
502.2	Trichlorotrifluoroethane (FREON 113)	81611	ND	1200	10.0
502.2	Vinyl Chloride (VC)	39175	ND	.5	0.5

TEST METHOD	CHEMICAL -- ALL CHEMICALS REPORTED ug/L	ENTRY #	ANALYSES RESULTS	MCL ug/L	DLF ug/L
502.2	Naphthalene	34696	ND		0.
502.2	n-Propylbenzene	77224	ND		0.
502.2	1,1,1,2-Tetrachloroethane	77562	ND		0.
502.2	1,2,3-Trichlorobenzene	77613	ND		0.
502.2	1,2,3-Trichloropropane	77443	ND		0.
502.2	1,2,4-Trimethylbenzene	77222	ND		0.
502.2	1,3,5-Trimethylbenzene	77226	ND		0.
507	Bromacil (HYVAR)	82198	ND		10.
531.1	Carbaryl (Sevin)	77700	ND		5.
507	Diazinon	39570	ND		0.2
507	Dimethoate (CYGON)	38458	ND		10.
507	Prometryn (CAPAROL)	39057	ND		2.