

**ENCROACHMENT PERMIT**

(to be completed by applicant)

ARCO PRODUCTS CO, the Owner  Lessee of the property located at 3659 CENTRAL AVENUE in the City of Riverside, Assessors Parcel No. 225-150-002 hereby requests permission to CONSTRUCT AND MAINTAIN THREE GROUNDWATER MONITORING WELLS

in the public right of way of CENTRAL AVE & DEANZA AVE /or the \_\_\_\_\_ easement at the rear / side / front of said property. The attached drawing shows the requested encroachment. Upon issuance of this permit, I agree to comply with the attached terms and conditions.

Date 1/19/96

\* Mary Beth K

E-53-2

**ENCROACHMENT PERMIT APPROVAL**

(to be completed by City)

This permit shall become effective upon the approval of the Departments listed below. Issuance of this permit shall not be construed as a waiver of any other applicable permit or requirement, but is only revocable permission to use the land for the purpose described.

- Public Utilities Water E. Kistner 1/19/96
- Public Utilities Electric [Signature]
- \_\_\_\_\_ Planning \_\_\_\_\_
- \_\_\_\_\_ Parks and Recreation \_\_\_\_\_
- \_\_\_\_\_ (other) \_\_\_\_\_
- \_\_\_\_\_ (other) \_\_\_\_\_

Upon obtaining the above signatures, return this permit to the Public Works Department for final approval.

Date 1/19/96

[Signature]  
Public Works Director

Encroachment Permit No. E-1322

### TERMS AND CONDITIONS

The following indicated terms and conditions apply to encroachment permit no. E-1322.

1. Permittee acknowledges that the area of encroachment is owned or controlled by the City of Riverside.
2. Permittee acknowledges that the described property could be needed for a proposed or planned public improvement and the City may revoke this permit. Upon written notice of revocation, the permittee shall, within the time prescribed by the City, remove all improvements placed, constructed or maintained. If the permittee fails to abide by the removal order of the City, the City shall have the right to remove and destroy the improvements without reimbursement to the permittee. The cost of such removal shall be paid by the permittee to the City and shall constitute a debt owed to the City.
3. Permittee waives the right of claim, loss, damage or action against the City resulting from revocation, termination, removal of improvements or any action of the City, its officers, agents or employees taken in accordance with the terms herein.
4. If the City Council of the City of Riverside finds that the permittee is in default of the terms of this permit, that shall be cause for revocation.
5. Permittee herewith agrees to hold the City of Riverside harmless from and against all claims demands, costs, losses, damages, injuries, actions for damages and/or injuries, and liability in connection with the construction, encroachment, and/or maintenance to be done by permittee within the described property.
6. Prior to any construction taking place on City controlled property, permittee shall obtain a Construction Permit or Street Opening Permit from the City Public Works Department.
7. The permittee agrees to insure that construction of their improvements will not interfere in any way with existing City or utility facilities. The existing facilities will require future maintenance, reconstruction and revisions and facilities may be added, any of which may result in removal or alteration of the permittee's improvements without

reimbursement to the permittee. Prior to construction, Permittee shall contact Underground Service Alert to field locate existing utility lines. Any conflicts discovered will void the permit until acceptable revisions are made.

8. Other \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

SPECIAL CONDITIONS FOR TEST WELLS

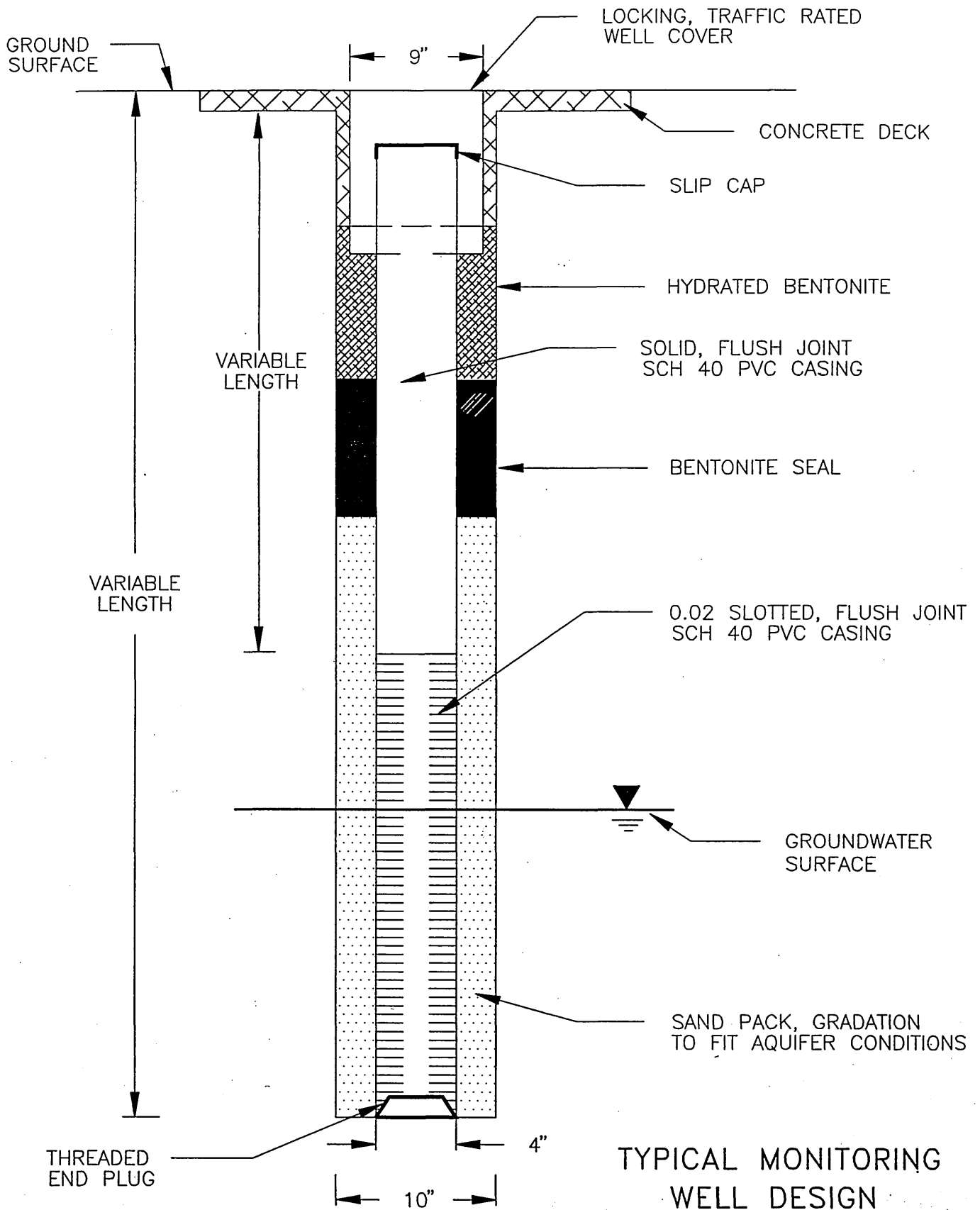
9. Permittee shall use and occupy the described property only in the manner and for the purposes as follows: To drill, monitor, maintain, remove and close test well(s) for the purpose of MONITORING GROUNDWATER

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- 9.a. The test well(s) shall be constructed as shown on Exhibit "A" attached hereto and incorporated herein.
- 9.b. Permittee's contractor shall obtain a street opening permit prior to doing any work in the public right of way.
- 9.c. Permittee's contractor shall review required traffic control and safety measures for each site with the City's Traffic Engineering Division prior to doing any work in the public right of way.
- 9.d. Permittee's contractor shall determine required clearances from all public and private utility and sewer facilities prior to drilling and shall only drill in compliance with such clearance requirements. It shall be Permittee's responsibility to determine the location of all utilities, sewers and similar underground facilities.
- 9.e. Permittee shall notify the City of Riverside, California, Public Works Department of the exact drilling date. Drilling will not commence prior to 10:00pm AND WILL CONTINUE NO LATER THAN 6:00am, OR SAT & SUNDAY OR DEANZA ANYTIME SUNDAY ONLY CENTRAL ANYTIME
- 9.f. During the period of well installation, Permittee's contractor shall keep the site supervised continuously from the beginning of drilling until installation of the locked traffic grade "Christy Box" cap marked "Monitor Well". Under no circumstances is the well or borehole to be left unattended when it is unlocked or incapable of being locked. Supervision after dusk includes appropriate lights to make the well visible to the attendants who shall remain awake and observant of the well or borehole.
- 9.g. Permittee shall be responsible for insuring that well site(s) shall have and implement the required traffic control and safety measures approved by the City Traffic Engineer pursuant to Condition 9.c. above.
- 9.h. Permittee agrees to make the results of the sampling available to the City.
- 9.i. In the event the City needs the site prior to completion of monitoring, upon receipt of written notice to this effect from the City, the Permittee agrees to remove, close and abandon the well or wells in a timely manner, in accordance with the procedures specified under Condition 9.j. below. This permit may then be revised to apply to a new approved site.

- 9.j. When the well(s) are no longer needed, the Permittee shall provide written notice to this effect to the City, and the wells shall be removed, closed and abandoned to the specifications of the Riverside Public Works Department and the State of California regulations regarding the closure of wells.
- 9.k. To insure that removal and closure of the well(s) takes place in a timely manner, the Permittee shall post a cash deposit of \$3600.00. This cash deposit may be used by the City to remove and close the well(s) when not done by Permittee as required by Condition 9.i. and Condition 9.j. above and/or Condition 2 above. Any cost of closure in excess of the \$3000.00 cash deposit shall be paid by Permittee to the City of Riverside and shall constitute a debt owed to the City of Riverside.
- 9.l. Upon completion of the well(s), Permittee shall provide to City an as-built plan showing the exact location of the well(s). During the period of existence of the well(s), Permittee shall submit to City quarterly reports indicating the results of any sampling, anticipated future sampling and expected closure date. Permittee shall inspect each well site at least once each month to insure that the lock is locked and not broken. Upon closure, Permittee shall provide to City an as-built plan of the closed well(s).
- 9.m. Permittee shall have the right of reasonable access across the City's adjacent right of way to drill, monitor, maintain, remove and close the well(s).

0291X/b  
06/10/91



TYPICAL MONITORING WELL DESIGN

E-1322

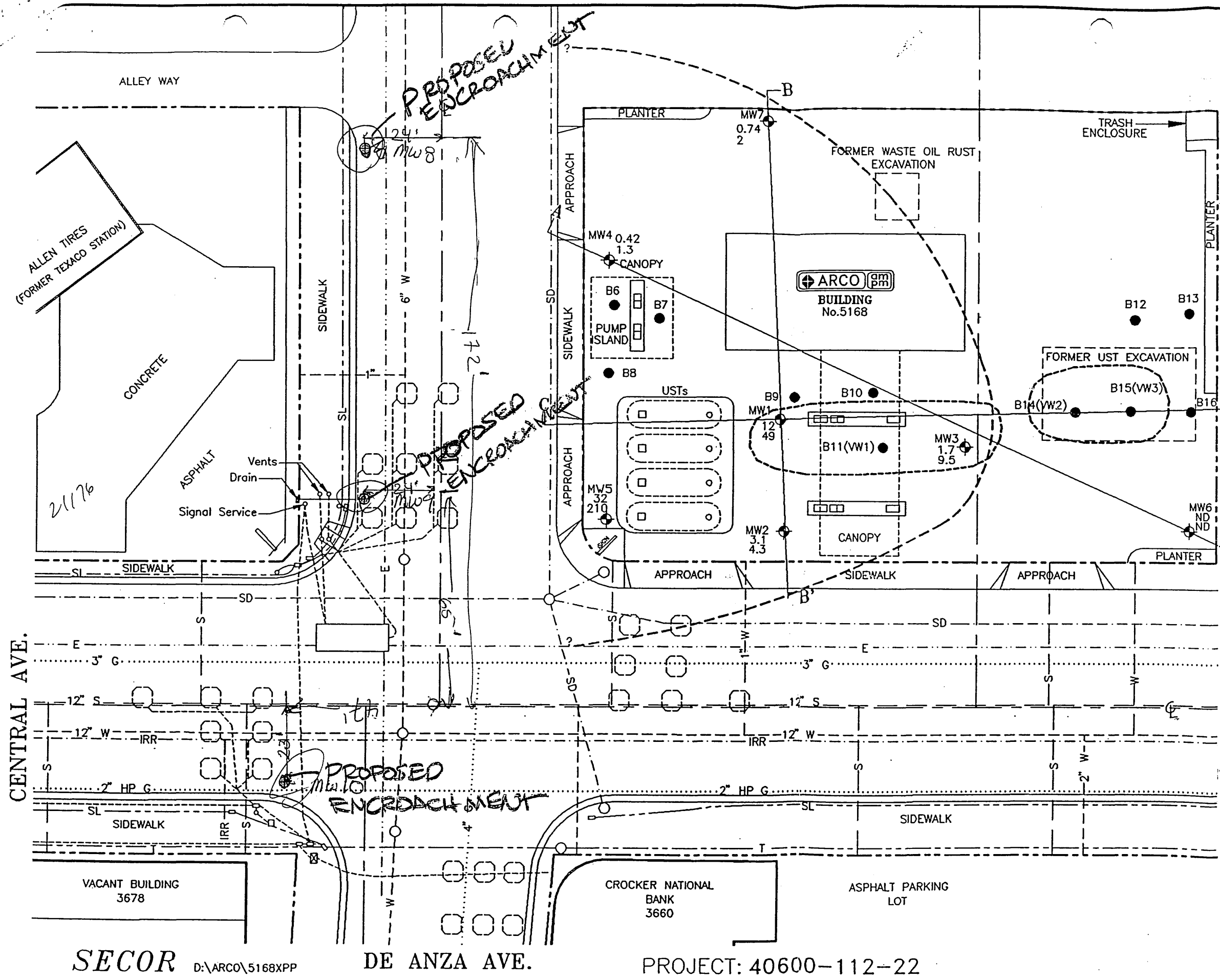
SECOR

M\_WELL1

PROJECT: 40600-112-22

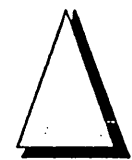
FIGURE 3

Exhibit A  
Central & De Anza Ave



EXPLANATION

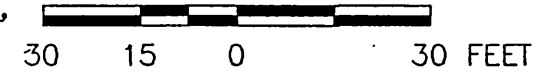
- SOIL BORING OR VAPOR EXTRACTION WELL
- ⊕ GROUNDWATER MONITORING WELL SHOWING GASOLINE (PPM) AND BENZENE (PPB) MW1 TO MW3 (AUG 1994) MW4 TO MW7 (APRIL 1995)
- ⊕ PROPOSED GROUNDWATER MONITORING WELL
- GEOLGIC CROSS SECTION
- APPROXIMATE LIMITS OF GASOLINE IMPACTED SOIL
- APPROXIMATE LIMITS OF GASOLINE IMPACTED GROUNDWATER



NORTH

SCALE

1 inch = 30 feet



UTILITY LEGEND

- SD — Storm Drain
- E — Electrical
- ..... G ..... Gas
- W --- Water
- IRR --- Irrigation
- S — Sewer
- SL — Signal Light
- Traffic Sensor

**PLOT PLAN**  
 ARCO FACILITY 5168 AND  
 DOWN GRADIENT PROPERTIES  
 RIVERSIDE, CALIFORNIA

FIGURE: 2

SECOR D:\ARCO\5168XPP

DE ANZA AVE.

PROJECT: 40600-112-22

CO. OF RIVERSIDE HEALTH SERVICES AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH

# WELL DRILLING PERMIT

No 21175

ALL ELECTRICAL, PLUMBING, MECHANICAL, AND STRUCTURAL REPAIRS AND INSTALLATIONS SHALL BE DONE UNDER PERMIT FROM RIVERSIDE COUNTY DEPT. OF BUILDING AND SAFETY.

Date January 9, 78 96 143.00

Expiration Date 6-9- 19 96 21175 #

Fee \$143.00  
\*\*\*\* (non-refundable)

This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force.

LOCATION OF PROPOSED WELL NW  $\frac{1}{4}$  SE  $\frac{1}{4}$ ; Sec. 34; T. 2S; R. 5W

PHYSICAL ADDRESS OF WELL 2659 Central Avenue Community Riverside

APN: 225-150-002-9 MW-8  
NAME Arco Products Company

DRILLER California Pacific Drilling  
P.O. Box 7089  
Moreno Valley, Ca. 92552

MAILING ADDRESS P.O. Box 6037

CITY & STATE Artesia, Ca. 90702

By Charlene Robbins  
Charlene Robbins

DEH-SAN-025 (Rev 3/95)

Distribution: WHITE—Permit & Receipt; CANARY—Environmental Health Department; PINK—Well Driller; GOLDENROD—Flood Control

Riv. Co. Registration No. WDR-YS-141

C-57 License No. 65-3807

4. WELL CHECK (check)

- Community  Monitoring  Industrial  
 Individual  Cathodic  Other  
 Agricultural  Horizontal

4A. FOR MONITORING WELL: (Name of Consultant)

Name SECOR Phone 714-355-4116

5. TYPE OF WORK (check)

- New  Reconstruction  Destruction

5A. If reconstruction or destruction, please describe method on reverse side of attached Plot Plan.

8. PRODUCTION WELL CASING INSTALLED:

- Steel  Plastic  Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
<u>0</u>	<u>55</u>	<u>4</u>	<u>5.440</u>

GRAVEL PACK:  Yes  No

From 57 SE to 55 ft.

Type of rig Hollow-stem auger

9. PERFORATIONS (if applicable):

From 60 to 55 ft.

10. SEALED ZONES (if applicable):

From \_\_\_\_\_ to \_\_\_\_\_ ft.

11. The California Labor Code requires Worker's Compensation Insurance as a prerequisite to permit issuance unless the applicant signs the following certificate:

- I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Insurance laws of California.

Driller's Signature Donna Ueda Papp Date 1/7/96

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

Driller's Signature Donna Ueda Papp Date 1/7/96

OK Phillips 1/9/96

DISPOSITION OF PERMIT

E-1322

- Approved subject to the following:

FOR DEPARTMENT USE ONLY

Notify the Department 10/17/75-8950 forty-eight (48) hours in advance to make an inspection of the



COUNTY OF RIVERSIDE HEALTH SERVICES AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH

# WELL DRILLING PERMIT

Nº 21176

ALL ELECTRICAL, PLUMBING, MECHANICAL, AND STRUCTURAL REPAIRS AND INSTALLATIONS SHALL BE DONE UNDER PERMIT FROM RIVERSIDE COUNTY DEPT. OF BUILDING AND SAFETY.

Date ~~January 9,~~ January 9, 19 96

Expiration Date 6-9- ~~21176~~ 96

Fee \$70.00  
\*\*\* (non-refundable)

70.00

This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force.

LOCATION OF PROPOSED WELL NW  $\frac{1}{4}$  SE  $\frac{1}{4}$ ; Sec. 34; T 2S; R 5W

PHYSICAL ADDRESS OF WELL 3659 Central Avenue Community Riverside

APN: 225-150-002-9 MW-9  
NAME Arco Products Company

DRILLER California Pacific Drilling  
P.O. Box 7089  
Moreno Valley, Ca. 92552

MAILING ADDRESS P.O. Box 6037

CITY & STATE Artesia, Ca. 90702

By Charlene Robbins  
Charlene Robbins

DEH-SAN-025 (Rev 3/95)

Distribution: WHITE—Permit & Receipt; CANARY—Environmental Health Department; PINK—Well Driller; GOLDENROD—Flood Control

Reg. Co. Registration No. WDN-25-121

C-57 License No. 653809

4. WELL CHECK (check)

- Community  Monitoring  Industrial  
 Individual  Cathodic  Other  
 Agricultural  Horizontal

4A. FOR MONITORING WELL: (Name of Consultant)

Name SECOR Phone (909) 335-6116

5. TYPE OF WORK (check)

- New  Reconstruction  Destruction

5A. If reconstruction or destruction, please describe method on reverse side of attached Plot Plan.

8. PRODUCTION WELL CASING INSTALLED:

- Steel  Plastic  Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
0	85	4	Sch. 40

GRAVEL PACK:  Yes  No

From 57-60 to 85 ft.

Type of rig Hydro-Shear Driller

9. PERFORATIONS (if applicable):

From 60 to 85 ft.

10. SEALED ZONES (if applicable):

From \_\_\_\_\_ to \_\_\_\_\_ ft.

11. The California Labor Code requires Worker's Compensation Insurance as a prerequisite to permit issuance unless the applicant signs the following certificate:

- I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Insurance laws of California.

Driller's Signature Edward Wade Pope Date 1/4/96

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

Driller's Signature Edward Wade Pope Date 1/4/96

OK 1/4/96 DISPOSITION OF PERMIT E-1322  
X Approved subject to the following: 1001225-8980 FOR DEPARTMENT USE ONLY

# WELL DRILLING PERMIT

No. 21177

ALL ELECTRICAL, PLUMBING, MECHANICAL, AND STRUCTURAL REPAIRS AND INSTALLATIONS SHALL BE DONE UNDER PERMIT FROM RIVERSIDE COUNTY DEPT. OF BUILDING AND SAFETY.

Date ~~5-10-1996~~ 5-10-1996

Expiration Date 6-9-1996

Fee \$70.00

(non-refundable)

5/10/96 14:50

TOTAL 283.00  
CHANGE 0.00

This permit is granted on condition that the person named in the permit will comply with the laws, ordinances and regulations that are now or may hereafter be in force.

LOCATION OF PROPOSED WELL NW 1/4 SE 1/4; Sec. 34; T 2S; R 5W

PHYSICAL ADDRESS OF WELL 3659 Central Avenue Community Riverside

APN: 225-150-002-9 MW-10  
NAME Arco Products Company

DRILLER California Pacific Drilling  
P.O. Box 7089  
Moreno Valley, Ca. 92552

MAILING ADDRESS P.O. Box 6037

CITY & STATE Artesia, Ca. 90702

By Charlene Robbins

Charlene Robbins

DEH-SAN-025 (Rev 3/95)

Distribution: WHITE—Permit & Receipt; CANARY—Environmental Health Department; PINK—Well Driller; GOLDENROD—Flood Control

Div. 00 registration NO. WA 907-907-121  
C-57 License No. 653809

4. WELL CHECK (check)

- Community  Monitoring  Industrial
- Individual  Cathodic  Other
- Agricultural  Horizontal

4A. FOR MONITORING WELL: (Name of Consultant)  
Name SECOR Phone 909/335-6116

5. TYPE OF WORK (check)

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GRAVEL PACK:  Yes  No  
From 57- 60 to 85 ft.  
Type of rig Hollow-stem auger

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10. SEALED ZONES (if applicable):

From \_\_\_\_\_ to \_\_\_\_\_ ft.

11. The California Labor Code requires Worker's Compensation Insurance as a prerequisite to permit issuance unless the applicant signs the following certificate:

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Insurance laws of California.

Driller's Signature Eduardo Vazquez Date 1/4/96

12. I have read this application and agree to comply with all laws regulating the type of work being performed.

Driller's Signature Eduardo Vazquez Date 1/4/96

OK Hills 1/4/96 DISPOSITION OF PERMIT E-1322  
 Approved subject to the following: FOR DEPARTMENT USE ONLY  
 Notify the Department (and) 275-8950 forty-eight (48) hours in advance to make an inspection of

ARCO Products Company  
4 Centerpointe Drive  
La Palma, California 90623-1066

Environmental Engineering

Mailing Address: Box 6037  
Artesia, California 90702-6037



January 15, 1996

Mr. Ken Strout  
City of Riverside  
Public Works Department  
Engineering Division  
3900 Main Street  
Riverside, California 92522

**AUTHORIZATION TO SIGN ENCROACHMENT  
PERMIT FOR ARCO PRODUCTS COMPANY**  
ARCO Facility #5168  
3659 Central Avenue  
Riverside, California

Dear Mr. Strout:

This letter is written documentation authorizing Mary Beth Kile, a representative of SECOR International Incorporated (SECOR), to sign the required Encroachment Permits for the above referenced facility on behalf of ARCO Products Company.

Sincerely,

ARCO Products Company

Joseph R. Tully  
Facility Remediation Manager