ARCO Petroleum Prc ts Company

2000 Alameda de las Pulgas Mailing Address: Box 5811 San Mateo, California 94402 Telephone 415 571 2400



May 22, 1987

FAC90756-7 SAN DIEGO ARMOUR OIL CO #1 P O BOX 85302 SAN DIEGO CA

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Dear Contract Dealer:

This letter is to advise you that in the last two years the State of California has passed several new laws on the use, handling and storage of hazardous chemicals in local communities. Some of these laws apply to service stations because of the gasoline and other chemicals they use or store. The new State laws are being enforced by local fire department or county health department. Some local agencies are using their own reporting forms and following their own time tables for distributing them. Attached for your information is an example of a local form prepared by the Contra Costa Health Services Department for a fictitious service station.

You may have already received a similar form from a local agency requesting that you either fill out a questionnaire concerning what chemicals you use at your station, or to submit a list of chemicals you currently have on hand, or to prepare an emergency response plan in case you have a spill or fire. Some administering agencies will require you to prepare a plot plan of the station, some will not. You may be charged a fee to cover the costs of the local program.

If and when you receive such a request, it should be dealt with promptly and completely. The law provides for significant penalties for those who fail to meet the law.

Very truly yours,

ARCO Petroleum Products Company a division of Atlantic Richfield Company

S. H. Schrader Region Manager

Enclosure

Leak Detection: Underground Storage Facilities

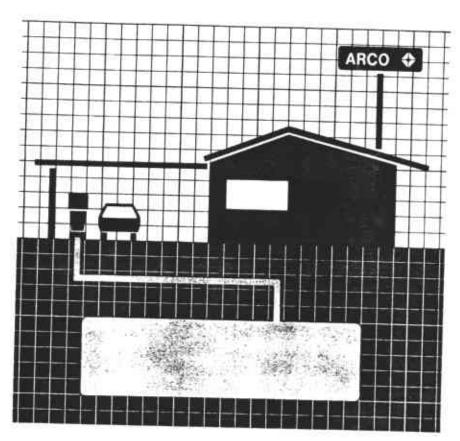


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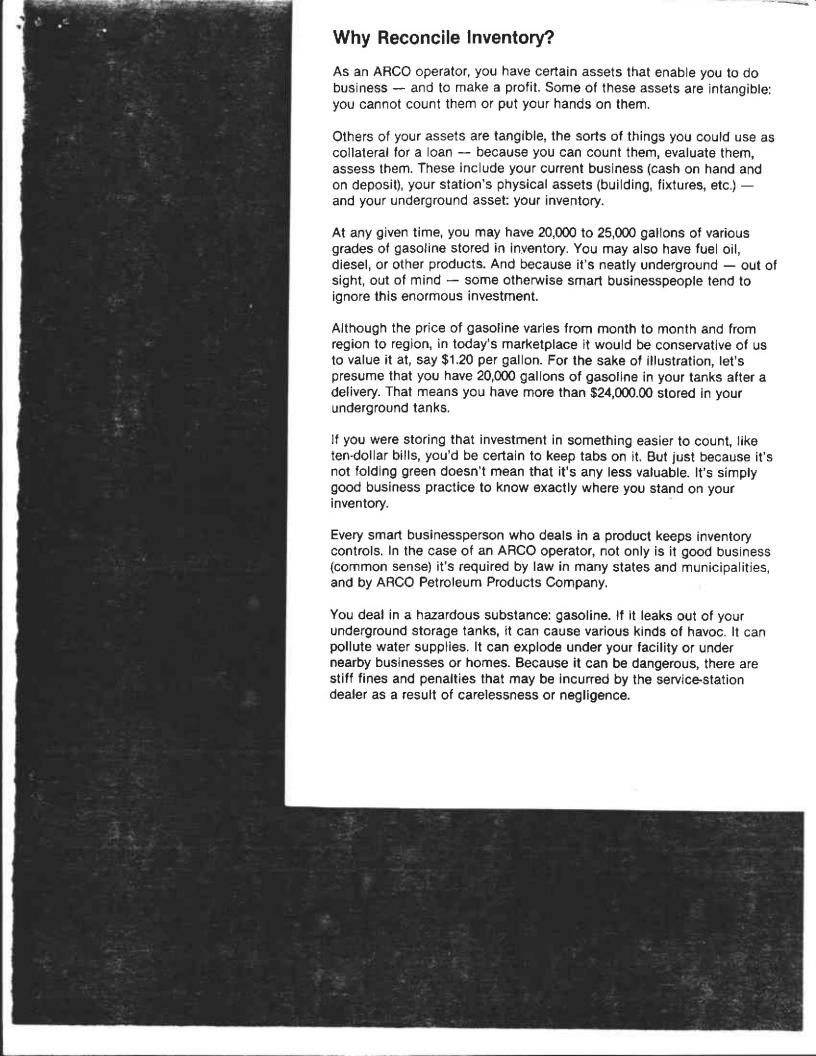
Division of AtlanticRichfieldCompany

Leak Detection: Underground Storage Facilities

CONTRACT DEALER



ARCO Petroleum Products Company 🛟



ertain assets that enable you to do Some of these assets are intangible: ir hands on them.

y, the sorts of things you could use as ou can count them, evaluate them, current business (cash on hand and all assets (building, fixtures, etc.) — inventory.

20,000 to 25,000 gallons of various tory. You may also have fuel oil, ause it's neatly underground — out of rise smart businesspeople tend to

ies from month to month and from tplace it would be conservative of us. For the sake of illustration, let's lons of gasoline in your tanks after a are than \$24,000.00 stored in your

it in something easier to count, like keep tabs on it. But just because it's at it's any less valuable. It's simply xactly where you stand on your

deals in a product keeps inventory operator, not only is it good business aw in many states and municipalities, Company.

e: gasoline. If it leaks out of your cause various kinds of havoc. It can ode under your facility or under ause it can be dangerous, there are be incurred by the service-station or negligence.

How to Reconcile Your Inventory

Reconciling product inventory is a remarkable easy procedure. With gasoline, diesel, or fuel oil, the whole process can be accomplished in a few minutes, with very little effort.

Stick Readings

Your first step in the daily inventory process is to take stick readings of your various products. These readings should be taken to the nearest eighth of an inch. Then you consult a conversion table that will tell you quickly how many gallons you have in storage.

At the same time you take meter readings on all your pumps.

Daily Sales Sheets

Then you enter the data you've come up with on a Daily Sales Sheet of your choosing. The form we've used in the illustrations in this booklet is published by Marcoin, Inc., but any sheet that approximates this one will serve the purpose.

Compare the line labeled "Book Inventory" with the line below it that reads "Actual Inventory." That simple comparison will give you a balance, an overage, or a shortage.

The same procedure will enable you to verify the amounts of product you receive in a delivery. Simply take the readings both before and after the delivery is made, and then compare your figures with those of the delivery person.

After you've made your entries on the Daily Sales Sheet, you're ready to work with a Cumulative Variation Form.

Cumulative Variation Forms

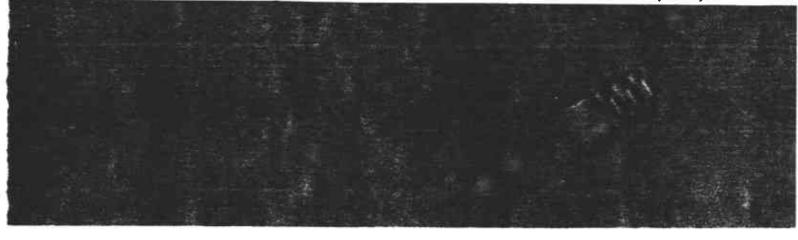
A Cumulative Variation Form can be made up in any of a variety of ways. The one we've shown in this booklet is produced by ARCO Petroleum Products, but any similar form will do. Its purpose is simple: to let you see what patterns — if any — your daily reconciliations are showing.

Between these two simple procedures (the Sales Sheet and the Cumulative Variation Form), you'll be able to tell if your gallonage is what it ought to be, according to the amounts of product you've sold.

If you're losing product, you'll be aware of it immediately — and you'll be able to do something about it before the situation gets out of hand.

All inventory forms should be maintained at your facility for 12 months.

This simple process is called *reconciling your inventory*, and it is an investment in good business, as well as in community safety.



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Extremely minute variations may be normal, due to changes in temperature. Occasionally there are minute variations in the calibration of different meters as well. In no case, however, should that "normal" variation be more than 0.5% of your daily sales. For example, you should never be short more than five gallons per thousand.

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e normal, due to changes in e minute variations in the calibration ase, however, should that "normal" ur daily sales. For example, you ve gallons per thousand.

Physical Inspections

In addition to daily inventory reconciliation, there are some other steps you are to take to make absolutely certain that neither you nor your community is endangered by gasoline leaks from underground storage tanks. They are not difficult; they are not time-consuming.

Weekly Inspection

First of all, make a weekly tour of inspection around your entire product handling system. The pipe joints are the first places to look: at the island, inside and under the dispenser, at the submerged pumps, at the fill boxes. It is possible for product to leak out at any of these joints, and a physical inspection will tell you if you have a problem.

It's a good idea to do this kind of visual inspection while your equipment is operating. Many types of leaks will either slow down or dry up when your equipment is not in use, because of the lack of pressure inside the lines. Bu that does not keep them from being dangerous — or from losing money.

Remember that once your money has leaked out of those tanks, there's no way to recover it. It will pollute the ground you walk on, the air you and your customers breathe, and possibly the water you drink. Your only defense (and your neighbors' only defense) is your continued watchfulness.

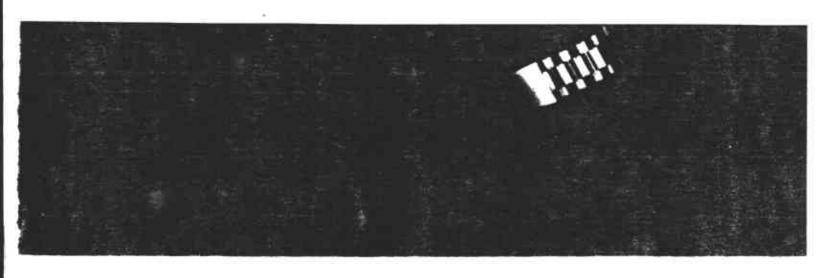
Hesitation in Island Pumps

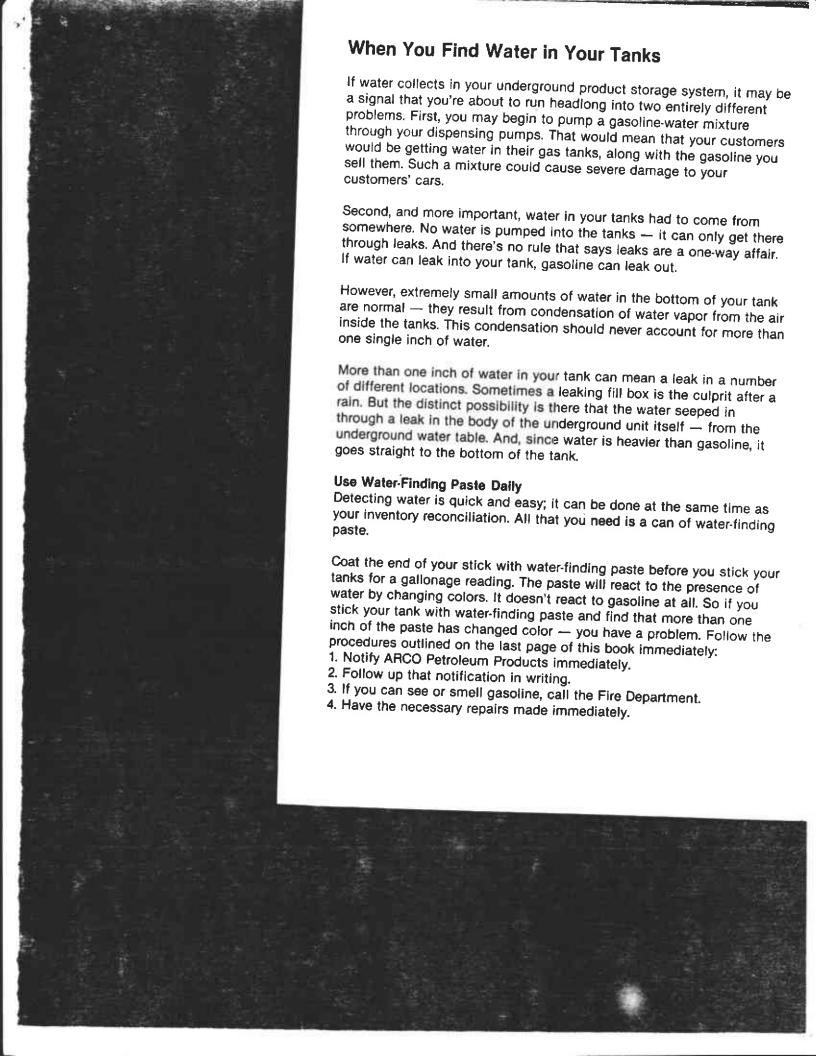
If one of your island pumps begins to hesitate, it could mean that you have a piping leak, a leaking foot valve, or a warm-weather vaporlock. While these symptoms may be difficult to spot visually, your daily inventory reconciliation will tell you if you are losing any product.

Meter Spins

If you have a remote pumping system, and notice a meter spin on one of your island pumps — with no gasoline being delivered — you may have a line leak. Your daily reconciliation will alert you to any losses.

Note: Many remote pumping systems are equipped with line leak detectors. Immediately stop selling this product because any activation shown by reduced product flow can indicate a leak in the product supply line.





n Your Tanks

ound product storage system, it may be headlong into two entirely different o pump a gasoline-water mixture. That would mean that your customers as tanks, along with the gasoline you cause severe damage to your

ter in your tanks had to come from into the tanks — it can only get there that says leaks are a one-way affair. Tasoline can leak out.

ts of water in the bottom of your tank ndensation of water vapor from the air on should never account for more than

our tank can mean a leak in a number a leaking fill box is the culprit after a there that the water seeped in underground unit itself — from the ice water is heavier than gasoline, it tank,

; it can be done at the same time as hat you need is a can of water-finding

ater-finding paste before you stick your paste will react to the presence of react to gasoline at all. So if you paste and find that more than one lor — you have a problem. Follow the age of this book immediately: ts immediately.

, call the Fire Department. ie immediately.

If You Suspect a Leak

If you suspect that your product handling system is leaking, check first to find out if you can see or smell the product that is leaking. If you can see or smell the leaking product, immediately call your local Fire Department.

