# Growth of the Circle K Corporation a convenience food store chain 

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# THE GROWTH OF THE CIRCLE K CORPORATION: A CONVENIENCE FOOD STORE CHAIN 

## By

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## CHAPTER I

## PURPOSE, OBJECTIVES, AND BACKGROUND ANALYSIS OF THE CONVENIENCE FOOD STORE INDUSTRY

The primary objectives of this study were: (1) identifying, (2) describing, and (3) evaluating the various factors which have led to the development and rapid growth of the convenience food store industry with the Circle $K$ Corporation being emphasized and highlighted.

The growth and development of the convenient food store industry in the United States has been one of phenomenal proportions. Since its beginnings in the late 1940 s and early 1950s, the'convenient food store industry has grown by unbelievable leaps and bounds and now encompasses the entire nation. ${ }^{1}$ Among the top names in the industry are the Southland Corporation (7-Eleven) with 4,787 stores, ${ }^{2}$ Munford, Incorporated (Ma-jik Markets) with 1,151 stores, ${ }^{3}$ and the Circle K Corporation with 862 stores. ${ }^{4}$ Besides these top three

[^0]leaders in the industry, there are numerous smaller corporations involved in the convenience food store business.

It was the purpose of this study to answer the questions of why this industry has grown so rapidly in such a very short period of time and whether its growth will be sustained.

The rapid growth of the convenience food store industry is evidenced by referring to the growth charts in Appendix 1. These growth charts, which illustrate the growth of the Southland Corporation, Munford, Inc., and the Circle K Corporation, are descriptive of the rapid pace at which the convenience food store has become a viable retailing industry in our economy.

For 1973, grocery sales increased by 22.5 per cent, and the number of convenience food stores increased by 15.3 per cent to 20,300 . The convenience food stores accounted for approximately 3.8 per cent of total grocery sales with the average convenience store having annual sales of $\$ 215,0000^{5}$ Total grocery sales for 1973 were $\$ 98$ billion with the convenience food store industry accounting for approximately $\$ 4$ billion of the total. ${ }^{6}$

The convenience stores developed in the Southwest during the 1930s. They operated on a seven day week basis with operating hours being from seven in the morning until eleven

[^1]at night. In return for quick service and long operating hours, the convenience store is able to command high selling prices. Due to the quick rate of turnover and moderate inventory requirements, the convenience stores earn a substantial$1 y$ higher return on sales than a supermarket would earn. ${ }^{7}$

The rapid expansion of new stores has been aided by the small investment needed and low preopening costs. Overhead is not used for large advertising outlays or other promotional costs. Also, most stores purchase from local wholesalers or cooperatives thus eliminating warehousing and delivery costs. ${ }^{8}$

The increasing percentage of the American population living in suburbs has also helped stimulate growth. Thus, the need for a small, convenient, all-purpose retail outlet is much greater in the suburbs than in the central city. ${ }^{9}$

Another important factor is the increase of working housewives. These women have less time to spend shopping in a large grocery store and are more concerned with the ease and convenience of shopping in a convenient food store. This trend is expected to continue through the 1970 s. ${ }^{10}$

Increased leisure time and recreational activities explain the high level of sales on items such as beer ( 11.5 per cent of sales), soft drinks (9.1 per cent), and snacks (3.3 per cent). This increase is also expected to continue with

$$
\begin{aligned}
& { }^{7} \text { Ibid., p. R172. } \quad{ }^{8} \text { Ibid. } \\
& { }^{9} \text { Ibid. } \quad{ }^{10} \text { Ibid. }
\end{aligned}
$$

the advent of the four-day work week and a recreation-minded population.

The maps in Appendix 2 present a geographical picture of the states in which the Southland Corporation, Munford, Inc., and the Circle $K$ Corporation operate convenience food stores. Where stores compete with each other in the same state, there are usually covenants between the competing corporations which give distance restrictions between stores. Circle K competes with 7 -Eleven in many states with an agreement which states that their stores must be built at least one-fourth of a mile from each other. ${ }^{12}$

The convenience store started to become a significant factor in American food retailing during the 1950s. It did so by capitalizing on some of the disadvantages of shopping at supermarkets which are listed as follows:

1. Supermarkets are located in busy traffic areas.
2. To get to the supermarket from where they have parked their car, customers often have to walk a long distance.
3. Customers cannot receive personal service in a supermarket because the employees do not know them.
4. Before going to a supermarket, customers often feel they should change into acceptable clothing instead of going as they are to do their shopping.
${ }^{11}$ Ibid.
${ }^{12}$ Interview with David Barker, Circle K Corporation, Great Falls, Montana, 22 November 1974.
5. Because of the long lines of customers, getting an order checked out in a supermarket often takes a long time.
6. Customers with small orders often have trouble getting their orders checked out quickly. 13

In 1970 approximately 5 per cent or 12,000 of 230,000 retail food stores in the United States were convenience stores. The prediction made for 1975 was for 20,000 convenience stores to be operating with sales in the neighborhood of $\$ 3.5$ billion. ${ }^{14}$ This prediction was surpassed in $1973 .{ }^{15}$

The net profit of a typical convenience store is between three and six per cent whereas the net profit for a supermarket is between one and two per cent. ${ }^{16}$ In comparison with the big chain supermarket averaging approximately $\$ 1.2$ million in sales per year, the typical convenience food store averages between $\$ 150,000$ to $\$ 170,000$ in sales per year. ${ }^{17}$ It should be noted that the average inventory cost for a convenience store is between $\$ 10,000$ and $\$ 15,000$ while it is between $\$ 65,000$ and $\$ 70,000$ for a supermarket. ${ }^{18}$
${ }^{13}$ The Convenience Store: A New Dimension to the Food Industry (Chicago: The Quaker Oats Company, 1970), p. 23.
${ }^{14}$ Ibid., p. 26.
15"Food Retailing," Standard \& Poor's, p. R172.
${ }^{16}$ The Convenience Store, p. 65.
17"The Return of Mom and Pop," Forbes, 1 July 1969, p. 38.
${ }^{18}$ The Convenience Store, p. 54.

Most shoppers need to add to their large food purchases from week to week with items they have forgotten, run out of, or find that they suddenly need. This need is met by the convenient store. Some advantages of the convenient food store are as follows:

1. Convenience stores are located on main traffic routes or just off main traffic routes where customers can reach them easily.
2. Parking is practically at the front door of the store.
3. The small and simple layout of the store allows the customer to find items quickly and conveniently.
4. The hours of operation allow for customers to make purchases when supermarkets are closed.
5. By providing many product lines, customers can purchase many items found in supermarkets without having to go out of the neighborhood.
6. The convenience store can provide customers with fast service that is courteous and friendly. 19

Of 9,600 convenient food stores in operation in 1968, approximately one-half belonged to the top three convenient food store corporations. ${ }^{20}$ Through use of corporate data and statistics, an historical background of the Southland Corporation, Munford, Inc., and the Circle $K$ Corporation can be presented.

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\({ }^{19}\) Ibid., p. 43.
20"The Return of Mom and Pop," Forbes, p. 38.
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The Southland Corporation of Dallas, Texas is credited with introducing the convenience food store. The father of the current Southland, Chairman John P. Thompson, brought together several Dallas ice companies in 1927 to form the Southland Ice Company. He then began adding food items such as milk and butter in the ice houses. By 1945, the ice business grew into a chain of open front grocery stores called 7Eleven for their hours of operation. ${ }^{21}$

The Southland Corporation is now the largest operator and franchiser of self-service convenience food stores. They are also a major processor and distributor of dairy products. ${ }^{22}$ By December 31, 1973, there were 7 -Eleven stores operating in thirty-nine states, the District of Columbia, Canada, and Mexico. Of a total of 4,801 convenience food stores, 1,923 are franchised. Most units are open from 7:00 a.m. until 11:00 p.m. every day including Sundays and holidays. There are also some units with heavy consumer traffic which are open twenty-four hours daily. 23

Southland also expanded abroad in 1971 with the purchase of a half-interest in a chain of approximately 350 specialty shops located in England and Scotland. They have
${ }^{21}$ Ibid.
22"Southland Corporation," Standard New York Stock Exchange Stock Reports (New York: Standard and Poor's Corporation, 21 August 1973), p. 1.
${ }^{23}$ The Southland Corporation, Annual Report, 1974 , p. 2 .
similar opening and closing hours to the 7 -Eleven stores and sell mainly candy, tobacco products, newspapers, and magazines. Early in 1972, the company purchased a half-interest in a troubled grocery chain of 1,100 stores in England and was able to return the stores to a profitable operation. Southland also has plans for future expansion into Europe, probably in France and West Germany. ${ }^{24}$

The convenience resulting from location and long operating hours has boosted Southland's sales from $\$ 179$ million in 1961 to $\$ 1.1$ billion in $1971,{ }^{25}$ and a record $\$ 1.4$ billion in 1973. 26

The company also has expanded its non-7-Eleven operation of fleet leasing and dairy product processing operations. Barricini and Loft's Candy Shops, Gristede's Food Stores of New York City, and several other regional convenience store chains are controlled by Southland. 27

In 1969, in an effort to combat rising costs and growing competition, the Southland Corporation hired the retiring Chief of the Army and Air Force Exchange Service, Brigadier General Joseph S. Hardin, to help develop a distribution

[^2]system to replace the private supply houses being utilized. ${ }^{28}$ The first regional warehousing facility was opened in August 1971 in Orlando, Florida, with 160,000 square feet of space. It is the distribution point for Florida and surrounding areas. ${ }^{29}$ A second distribution center of 308,000 square feet opened in Tyler, Texas, in August 1973 and serves stores in Texas, Arkansas, Louisiana, Mississippi, and western Tennessee. ${ }^{30}$ A third regional center opened in late 1973. It is Fredericksburg, Virginia, and is the largest with 478,000 square feet of floor space. ${ }^{31}$

Herbert E. Hartfelder is the current president of the Southland Corporation. Since he took over the company ten years ago, he has developed it into a billion dollar corporation with earnings of $\$ 23$ million. ${ }^{32}$ Hartfelder is constantly looking for future growth and is steadily strengthening his top and middle management. He is utilizing things such as management games and closed circuit television presentations at the company's training center in Dallas. He is now in the process of inserting a couple of layers of management to prepare for the expanded growth. He states that he will be overstaffed for a while but that it is essential because

[^3]a billion dollar company is not built like a $\$ 100$ million company. ${ }^{33}$

Munford, Inc. of Atlanta, Georgia, is the operator of the second largest convenience food store system in the United States. Besides this business operation, it also operates cold storage warehouses, ice plants, building supply outlets, and gift stores. 34

Their convenience stores operate under the names Jackson's Minit Markets, Ma-jik Markets, and E-Z Food Shoppes. They are located in eleven southern and southeastern states and specialize in sales of such fastmoving items as dairy products, bread and bakery products, soft drinks, beer, and many nonfood items. The convenience food store operation has accounted for approximately 80 per cent of the company's sales while the other 20 per cent in sales has come from the operation of their cold storage division, ice and coal division, Do-It-Yourself building supply stores, and World Bazaar import stores. ${ }^{35}$

In 1971, Munford entered into a deal with the Cities Service Petroleum Company so the convenience stores would also have gas pumping facilities for their customers. The deal was administered in three phases. First, gasoline pumps would

[^4]be added to existing Munford convenience stores; secondly, Munford would add stores to existing CITGO stations; thirdly, Munford and Cities Service would construct all new convenience stores with gas stations. It is estimated that added profits could range between 25 per cent and 50 per cent. The main reason for this is that in a combination store of this type, the customer could charge groceries on his oil company credit card. ${ }^{36}$

Executive Vice President Robert Blythe stated that Munford plans to expand north and west at the rate of one hundred stores a year. ${ }^{37}$ In 1972 the company had a record $\$ 155$ million in sales. This figure was expected to rise by 25 per cent in 1973 due to the opening of two hundred new convenience stores which is above the expected number per year stated previously by Mr. Biythe. ${ }^{38}$ The 1973 sales figure was $\$ 198.5$ million which was very close to the expected goal. 39

The Circle $K$ Corporation, a Texas corporation with its headquarters in Phoenix, Arizona, has grown from three stores in 1951 to the high ranking of third in the industry by 1972. At the end of 1972, the company was operating 740 stores in the states of Arizona, California, Colorado, Idaho, Montana,

36"Climbing Aboard," Forbes, 1 November 1971, p. 65. ${ }^{37}$ Ibid.
38"Munford, Inc.," Standard New York Stock Exchange Stock Reports, p. 1.
${ }^{39}$ Munford, Inc., Annual Report, 1973, p. 13.

Oregon, New Mexico and Texas. The company extended its territory into Oklahoma and Kansas with the purchase of twentysix Quick-Shop Stores in February of 1973.40

In November of 1973, the company announced plans of moving its operations into Utah. This resulted in the eleventh state of operation for the company and necessitated the establishment of a new division. Plans are in the making for a great many stores to be built in and around the Salt Lake City area. ${ }^{41}$

Through a conversation with David Barker, Assistant Vice President and Area Manager to Montana for Circle K, it was learned that the company would expand its operation into Washington with the opening of stores in the Spokane area in December of 1974. This was the twelfth state for Circle K and Mr. Barker forsaw a great expanse of operations in this area developing over the next few years. ${ }^{42}$

The Circle $K$ stores sell foodstuffs, alcoholic beverages, health and beauty aids, ice, newspapers, magazines, and many other miscellaneous items. Over half of the stores operate self-service gasoline pumps and such services as check

[^5]cashing, and selling of money orders and film processing have become regular features. ${ }^{43}$

All stores are self-service, cash and carry. They are open from 7:00 a.m. until 11:00 p.m. daily and some are open twenty-four hours per day. Sales are mainly directed toward early and late shoppers and those who shop on weekends and holidays. Most sales involve only two or three items. Items carried in the stores are usually priced higher than in the supermarkets. 44

Circle K's growth plans called for one thousand stores to be either open, under construction, or construction pending by April 30, 1973, the end of their 1973 fiscal year. ${ }^{45}$

Mr. Barker confirmed that this goal was achieved and that the growth plans for Circle $K$ called for even greater expansion in the future. ${ }^{46}$

Circle $K$ began construction of a new corporate office and distribution center complex in Phoenix in order to meet the mounting needs of the convenience stores. It was completed in the spring of 1974 and provides 35,000 square feet of space. ${ }^{47}$ Distribution activities in the new complex consist

[^6]of a general merchandise division, dairy division, print shop, and a new ice plant. Provisions were also being made for eventual expansion of the facility to 80,000 square feet. ${ }^{48}$

While it took fifteen years to achieve the $\$ 100$ million mark in sales, Circle $K$ attained 58 per cent of its sales volume in the last three years. With current projections for the future, the company expected to reach the $\$ 200$ million mark by the end of fiscal year 1974. ${ }^{49}$ The sales figure at the end of fiscal year 1974 was $\$ 192$ million which was $\$ 8$ million short of the projected figure. ${ }^{50}$

[^7]
## CHAPTER II

DESIGN OF THE STUDY

It is evident from the background analysis that the convenient food store industry has been very profitable for the South1and Corporation, Munford, Inc., and the Circle K Corporation. It is also evident that these companies are planning for great expansion in the future.

As stated in the objectives of this study, the Circle K Corporation will be emphasized in depth in this paper. The writer has identified, described, and evaluated information pertaining to Circle $K^{\prime}$ s past, present, and future growth. Of great importance was the use of interviews to gain a better understanding of the methods of decision making and problem solving utilized by Circle K officials.

In an effort to study the operation of the corporation through its different chains of responsibility, interviews were conducted with David Barker, Assistant Vice President and Area Manager for Montana, William Anderson, Division Manager for Montana, and Guy Dodge, Zone Manager for Great Falls, Montana. The main areas of interest in these interviews were personnel policies and procedures, problem areas, and middle level decision making techniques.

The use of computer programs was also helpful in analyzing the position of Circle $K$ in the convenience food store industry. Through the use of these programs, a financial analysis was conducted involving Circle $K$, the Southland Corporation, and Munford, Inc. The data utilized in the analysis transmitted information pertaining to past, present, and future growth patterns. Such information was helpful in forecasting the growth of Circle K.

The sale-leaseback arrangement of store acquisition was studied in depth through the cooperation of Mr. Barker and Mr. Mark James Mead, Area Office Manager. Mr. Mead also provided material concerning the contract-operated stores.

Lastly, through the cooperation of Guy Dodge, Zone Manager for Great Falls, a survey questionnaire was placed in the nine Circle $K$ stores located in Great Falls in an effort to receive an opinion on how the consumer views Circle $K$. This information was analyzed and formulated in a way so that the data could be of use to the writer and to the Circle $K$ Corporation.

## CHAPTER III

THE CIRCLE K CORPORATE STRUCTURE

Rapid growth as evidenced by Circle K creates a challenge to management to keep pace with the increasing complexities of a fast-developing enterprise. Circle K approaches this task with a viewpoint that holds that the decision making function works best when the lines of authority remain short, and communications can flow back and forth with freedom and a minimum of delay. The corporate management structure is designed to rest major decisions within two groups of executives. These groups are the Executive Policy Board and the Board of Management. Decisions of policy affecting the long-range plans of the company are decided by the Executive Policy Board. ${ }^{1}$ Major policy decisions, modifications in external and internal store designs, new products and productmix, advertising, promotions and employee programs are examples of functions performed by this board. It is their responsibility to implement government regulations involving the grocery business and to also keep tabs on inflation and product shortages. ${ }^{2}$

> 1"The Circle K Story," Convenience Store Journal: 10.
> ${ }^{2}$ The Circle $K$ Corporation, Annual Report, 1974.

Operating decisions come under the jurisdiction of the Board of Management. It is the purpose of this board to handle the everyday business of running the operations of the corporation and to make those decisions which affect the operating store. ${ }^{3}$

From top to bottom, Circle $K^{\prime}$ s corporate structure appears as follows:

1. Executive Policy Board (seven top officers of the firm)
a. Fred Hervey, Chairman of the Board
b. Glover W. Beeny, President
c. Robert E. Hutchinson, Executive Vice President
d. Darrell D. Sigfridson, SecretaryTreasurer
e. Robert Charles, Vice-President
f. Albert Felix, Vice-President ${ }^{4}$
2. Board of Management (Executive Vice-President and fourteen Assistant Vice-Presidents who are also Area Managers)
a. Robert E. Hutchinson, Executive VicePresident
b. Leonard Mack, Assistant Vice-President, Area Manager, E1 Paso, Texas
c. Gary Pipkin, Assistant Vice-President, Area Manager, Corpus Christi, Texas

[^8]d. Ernest Espinosa, Assistant Vice-President,Area Manager, San Antonio, Texas
e. Frank Smith, Assistant Vice-President,Area Manager, Amarillo, Texas
f. James Johnson, Jr., Assistant Vice-President, Area Manager, Salem, Oregon
g. Clarence Schabinger, Assistant Vice- President, Area Manager, Boise, Idaho
h. David Barker, Assistant Vice-President,Area Manager, Great Falls, Montana
i. Charles James, Assistant Vice-President,Area Manager, Phoenix, Arizona
j. Fred Kight, Assistant Vice-President,Area Manager, Phoenix, Arizona
k. Donald S. Peak, Assistant Vice-President, Area Manager, Albuquerque, New Mexico

1. Joe D. Clark, Assistant Vice-President, Area Manager, Tucson, Arizona
m. Robert Perona, Assistant Vice-President, Area Manager, Indio, California
n. Jack Kososkie, Assistant Vice-President, Area Manager, Fontana, California
o. Frank Miller, Assistant Vice-President, Area Manager, Carmichael, California ${ }^{5}$
2. Division Managers
3. Zone Managers
4. Store Managers
5. Assistant Store Managers
6. Clerks ${ }^{6}$
${ }^{5}$ Ibid.
6"The Circle K Story," Convenience Store Journal: ..... 10.

The Executive Vice-President, Robert E. Hutchinson, is a member of both the Executive Policy Board and the Board of Management. In this way, major policy decisions of the company are translated into action with a minimum of red tape. Mr. Hutchinson is responsible for the supervision of all the area managers and their training in company-held workshops and sales meetings. These workshops are effective in that they strive to better the flow of communications between operations in the field and the corporate headquarters. ${ }^{7}$

With 947 stores operating as of April 30, 1974, Circle $K$ depends on its area, division, and zone managers to keep things running smoothly and efficiently. Area managers operate out of fourteen offices throughout the twelve-state Circle K territory. (See Appendix 2) Each area manager directs the activities of from one to four division managers. Each division manager controls from thirty-five to forty stores, on the average, working through zone managers who directly supervise from eight to ten stores each. ${ }^{8}$

Division managers operate as heads of their division. Each week the division managers meet with their zone managers to discuss operational problems and merchandising opportunities. In the Montana Division, William Anderson, the division manager holds a weekly meeting every Saturday at the Division/Area Office in Great Falls. David Barker, the

[^9]area manager, is also usually in attendance for the meeting with the zone managers. Mr. Anderson is responsible for buying major product categories for his division and the weekly meeting serves to review this important function. The zone manager has actual responsibility to obtain each store's order requisition, which the store manager develops using the corporation's order guide which is updated periodically. Zone managers are informed prior to the updating of the order guide so that additions, deletions, and changes can be decided prior to the new printing. Also discussed at the weekly meetings are new corporate policy decisions, merchandising problems, and any other problems connected with store operations. 9

Lee Borchert, the other division manager under Mr. Barker, has control of the Eastern Washington and Northern Idaho Division. Due to the great distances involved for travel between stores upon the expansion of Circle $K$ into Washington in 1973, the division which Mr. Borchert heads was created in order to provide better control over store operations in that portion of the Montana area. Prior to the establishment of the new division, the Montana Division Manager had control of the entire area. ${ }^{10}$

On the local level, Guy Dodge is the zone manager for Zone 2511. As manager of this zone, he supervises the

[^10]operation of nine stores in Great Falls, Montana and one store in Fairfield, Montana. The major responsibilities of the zone manager are the screening and hiring of applicants for employment, merchandise control, and overseeing the training of the store employees. Since being a zone manager, Mr. Dodge has initiated a salary program which establishes a step process for merit pay raises and promotions. (See Appendix 3) Mr. Dodge stated that merchandise control is the number one problem with which he has to contend. Price changes occur once a week and all items in the store must be updated with new prices. The gross margin of sales on store items ranges from 15 per cent to 40 per cent. The pricing guideline sheets in Appendix 4 are evidence of this. Even though the prices are higher than supermarkets, Mr. Dodge points out that Circle $K$ sells convenience to the customer and does not compete with large food stores with grocery specials. ${ }^{11}$

Another problem that Mr. Dodge has is inventory shortage. He states that only about 2 per cent of inventory shortage is due to customer shoplifting. The remaining 98 per cent comes from vendor and employee pilferage. The problem with vendor pilferage is being remedied by tighter control over incoming stock. The employee pilferage problem is hard to correct. It is the feeling of Mr. Dodge that the typical employee making $\$ 2.50$ per hour feels that he or she is entitled
to something extra and therefore takes items out of the store. ${ }^{12}$

Stores were to be operated on a contract basis starting in 1975 with an individual store contract manager controlling the entire operation of his store. Mr. Dodge was then to assume the responsibility of being an advisor to contract managers in his zone of operation. It was his feeling that the contract system of operation would further reduce employee pilferage since many of the contract operated stores would be run be family members of the contract manager. ${ }^{13}$ The concept of the contract operated store will be studied further in Chapter VI.

In its program of expansion, Circle $K$ has mainly taken the route of expanding internally through new store development. Of all its stores in operation, only forty-six have been acquired through acquisition. As the company looks to the future, acquisitions may play an important role in reaching its stated goal of four thousand stores in operation by $1980 \mathbf{1 4}^{14}$

As it pursues its expansionary policy, the company's site selection program has become very important. The real estate department employs the professional counseling of realtors in its various operating divisions. These men are aware

12 Ibid.
${ }^{13}$ Ibid.
14"The Circle K Story," Convenience Store Journal: 18.
of the Circle $K$ building program and constantly contact major builders in the area, analyze promising sites, and gather necessary information on which to make a decision. Circle K then follows up by utilizing traffic studies, population trend studies, and other sophisticated systems of checking out potential sites. Once a site has been carefully studied, the Corporate President, Glover Beeney, or another member of the Policy Board, personally approves or disapproves the site. ${ }^{15}$

In the 1974 Annual Report for the Circle $K$ Corporation, the Chairman of the Board, Fred Hervey, states that "the staff concept utilized by the corporation has matured and the long range plans of steady growth will be attained with confidence to meeting new challenges."16

15 Interview with David Barker, 7 July 1974 .
16 The Circle K Corporation, Annual Report, 1974.

## CHAPTER IV

POLICY, PROCEDURE, AND
EMPLOYEE BENEFITS

The philosophy of Circle $K$ is built around the concept that the overall goal of the corporation is the establishment and maintenance of a profitable business operation. In an effort to accomplish this goal, the employees' individual needs are considered very important in order to maximize job satisfaction. The employees are given the degree of responsibility which will let them feel that they are participating in the growth of the organization. ${ }^{1}$

In order to see that the goal of the corporation is carried out, the firm stresses the importance of customer relations to the employee. Customers are to be considered Very Important People (VIP), and the following should be done in relation to them:

1. Always greet the customer with a smile and a friendly hello.
2. Assist the customer in finding merchandise in the store.
3. Make the customer feel that his business is wanted by both you and Circle $K$ through your friendliness.
${ }^{1}$ Interview with David Barker, 7 July 1974.
4. When the customer comes to the checkstand, offer any extra assistance. Always ask the customer if there will be anything else before ringing up his order. Such suggestive selling shows the customer that you are interested in him and it may also remind him of something he may have forgotten.
5. Thank the customer and ask him to come back again. ${ }^{2}$

The Munford Corporation has done some studies and has come to find that the average customer is in a convenience food store for only three and one-half minutes and spends $\$ 1.15 .^{3}$ In order to see that the customer returns to the store, the customer relations involved are very important.

## Personnel Policies

Hiring of Personnel
Applicants for employment with Circle K can either make their initial contact for employment with Circle $K$ at the central office or at one of the stores. If contact is made at a store and the store manager is favorably impressed by the applicant, a recommendation is made to the zone manager who further screens the applicant. The final decision for or against employment rests with the zone manager. Under no circumstances will anyone under age sixteen be employed by Circle K. ${ }^{4}$
${ }^{2}$ Circle K Corporation Policy and Procedures Guide, 1973, p. $\frac{1 .}{1 .}$
${ }^{3}$ Munford, Incorporated, Annual Report, 1973.
${ }^{4}$ Policy and Procedures Guide, p. 7.

## Uniforms

Male employees are required to wear a plain white shirt, black tie, and dark trousers. Female employees are required to wear a plain white blouse with a dark skirt or dark slacks. Shirts and blouses are available at cost through the company. ${ }^{5}$

## Training

Training and management programs are available for any employee who wishes to develop himself for advancement in the corporate structure. Participation in such programs are noted on the employee performance rating sheets noted in Appendix $3 .{ }^{6}$

## Grievance Procedures

When an employee feels that he or she has a logical and legitimate grievance or complaint, the company procedure as outlined below is to be followed:

1. The employee must state his grievance in writing, giving full details to his supervisor.
2. The immediate supervisor will take necessary action to settle the grievance.
3. If the grieved is not satisfied, both the grievance and immediate supervisor's action will be given to the Area Manager for proper action.
${ }^{5}$ Policy and Procedures Guide, p. 7.
${ }^{6}$ Ibid., p. 8.
4. A grievance which cannot be alleviated by the supervisors will be given to the area grievance committee for final processing. ${ }^{7}$

## General Rules

The Circle $K$ Corporation has established certain rules and regulations which are to be followed by all employees. It is important to the corporation that the rules be followed so that the human element, which contributes to the growth of the firm, can be maximized. ${ }^{8}$ The following is a list of offenses which can bring about consideration for dismissal:

1. Possession of, or drinking, alcoholic beverages on the premises, or possession of narcotics.
2. Repeated tardiness or absenteeism.
3. Dishonesty of any kind.
4. Violation of fire, safety, and civil regulations.
5. Selling alcoholic beverages to minors.
6. Misconduct, such as defacing property, fighting, gambling, loafing, sleeping on the job, or possession of lethal weapons while on the job.
7. Taking company property without authorization.
8. Insubordination, or being discourteous to customers or fellow employees.
9. Falsifying time sheets or other records.

[^11]10. Inability to secure or maintain a health certificate.
11. Violation of any announced company policy. ${ }^{9}$

## Employee Benefits

The Circle $K$ Corporation feels that the benefits provided its employees are very equitable and are comparable to the benefits supplied by competitors. Following is a list of all benefits enjoyed by Circle $K$ employees with a brief description of each:

1. Paid holidays--The corporation observes six paid holidays annually. They are New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. Should any of the above holidays fall on a Saturday, it will be observed on the Friday preceding it. Should the holiday fall on a Sunday, it will be observed on the following Monday.
2. Group life insurance--There are two types of life insurance available to Circle $K$ employees. They are term life and permanent life. The term life covers the employee while employed by the corporation. The permanent life which also covers the employee while employed by Circle K can be converted to a private policy upon termination of employment. The company pays one-half the premium of the term life insurance and pays a portion of the permanent life insurance.
3. Sickness and accident indemnity--The company makes available an insurance plan covering two-thirds of the salary of an employee if he or she is off work because of illness or accident. The company pays one-half of the premium charge for this coverage.
${ }^{9}$ Policy and Procedures Guide, p. 9.
4. Group health insurance--This health insurance plan is available for the employee and his family. The company pays one-half of the premium.
5. Workman's Compensation insurance--All employees are covered by Workman's Compensation insurance either through the State Industrial Insurance or a commercial insurance company. The cost is paid entirely by Circle K. In addition to having medical bills paid, if time is lost due to an on-the-job injury, the employee is entitled to a compensation equal to two-thirds of his average weekly base pay. This entitlement is paid after a specified waiting period.

6: Fred Hervey Interests Employees Benefit Plan--This plan is established for employee retirement. The employee must wait three years before he is eligible for the plan. He must then contribute $2 \frac{1}{2}$ per cent of his gross salary to the plan. The company contributes two dollars for every one dollar invested.
7. Stock Purchase Plan--Circle $K$ common stock may be purchased by a payroll deduction authorization. This gives the employee the advantage of becoming a part-owner and share in the profits of the corporation through stock dividends and appreciation in value. Monthly payroll deductions may be authorized in any amount to a maximum of $\$ 99$. The company pays the brokerage fee and the employee receives a monthly statement of shares accrued.
8. Old Employees Organization--The employee is eligible to join the organization after six months employment. The organization is formed to promote inter-employee relations. The employee makes a very nominal contribution monthly through payroll deduction. The employee's contribution is matched by the company. The funds are normally used for social activities such as banquets and picnics.
> 9. Employee discounts--When an employee has been employed by Circle $K$ for thirty days, he may purchase merchandise at a 20 per cent discount, excluding gasoline sales, from any Circle K store.
> 10. Vacations with pay--After one year of continuous full-time employment with Circle K, the employee will be entitled to a one week paid vacation. After two years continuous employment, the entitlement is two weeks paid vacation. After the fifth year, entitlement is three weeks.
> 11. Suggestions and Awards--A suggestion and awards committee evaluates employee suggestions and awards cash for those suggestions which result in a direct saving or profit. ${ }^{10}$

With such benefits offered to the employees, they take part in the growth of the firm. Mr. Barker sums up this important area by stating, "The growth of the organization depends on the high degree of employee satisfaction and participation. Without good personnel policy and employee benefits, Circle $K$ would not have experienced the rapid growth which it has experienced during the past few years." 11

Policy and Procedures Guide, pp. 3-4.
${ }^{11}$ Interview with David Barker, 7 July 1974.

## CHAPTER V

## FINANCIAL ANALYSIS

In order to gain a better understanding of how the corporation handles financial decisions, this paper will now describe the costs of operating stores, breakeven analysis, and the financial analysis used in sale/leaseback decision making.

The tables in Appendix 5 are indicative of the analysis used for store operations. Table 1 is a guideline sheet showing the percentages that a store manager should try to arrive at in order to make a 6 per cent net profit. The guideline percentages were used on Tables 2 and 3 to present the data that should have been presented in order for the stores exemplified to gain a 6 per cent profit. The stores used as examples in Tables 2 and 3 are located in Great Falls, Montana. The location of each was withheld by the management at the Area Office in Great Falls.

Table 2 is actual annual data for a profitable store during calendar year 1974. By comparing the actual data with the guideline data, the store shows a good operation for the year with a total net profit of $\$ 27,744.90$ or 8.29 per cent of total sales. In this case, the gasoline sales with a high net profit of $\$ 13,572.06$ or 21.26 per cent of total gasoline
sales made up for the low grocery sales of $\$ 14,172.84$ which was only 5.23 per cent of total grocery sales. It is evident that without the high percentage of gasoline sales, the store would not have done as well as it did.

Table 3, which is similar to Table 2, shows data for an unprofitable Circle $K$ store during 1974. In this case, the main problem was massive store expenses which accounted for 34.44 per cent of sales. This is far above the guideline limit of 19.15 per cent. Due to the large amount of expenses, the store lost $\$ 5,959.27$ for the year.

Table 4 presents a breakeven analysis for the store which was referenced in Table 2. Table 5 presents the analysis on the store referenced in Table 3. The profitable store made sales far above its breakeven point while, as expected, the unprofitable store fell short of its breakeven point.

The analysis techniques used by the Circle $K$ management do not include guideline comparisons or breakeven analysis. If such techniques were used, the manager would have a good idea of where the problem areas are in the operation of a particular store and also be able to make predictions of breakeven sales in order to cover operating costs.

The attention of the paper is directed toward sale/ leaseback. When a company cannot acquire an asset with present capital, they may finance its acquisition with debt. This is done by obtaining the economic value of the asset for the loan payment which will collectively equal the initial cost of the asset plus an interest charge in excess of the
initial cost of the asset. The firm would have a legal obligation to make lease payments for the economic value of the asset or for a well-defined period of time. In leasing, the total payments the lessee agrees to pay will exceed the purchase price of the asset.

There are two basic methods of lease financing. They are sale-leaseback and direct leasing. The sale-leaseback arrangement as used by the Circle $K$ Corporation provides for the purchase of a store and associated property by a party. This party then leases the store back to the corporation. The corporation receives the sales price in cash and contracts with the purchasing party to establish lease payments during the basic lease period. ${ }^{1}$ Lessors that utilize this arrangement are usually finance companies, institutional investors, insurance companies and leasing companies. ${ }^{2}$ In the case of the Circle $K$ Corporation, the Chrysler Realty Company holds the majority of the Circle $K$ stores in lease. The minority of the leases are held by reliable individuals. ${ }^{3}$

Leasing provides the firm with the opportunity to secure and utilize an asset without incurring the initial costs and responsibilities of the purchase. ${ }^{4}$
${ }^{1}$ Interview with David Barker, 22 November 1974.
${ }^{2}$ James C. Van Horne, Financial Management and Policy, 3rd ed. (Englewood Cliffs, N.J.: Prentice-Ha11, Inc., 1974), p. 576.
${ }^{3}$ Interview with David Barker, 22 November 1974.
${ }^{4}$ Thomas C. Committee, Managerial Finance for the Seventies, (New York: McGraw-Hil1, Inc., 1972), p. 63.

As listed in James Van Horne's book, Financial Management and Policy, there are several advantages and disadvantages to lease financing. The advantages are as follows:

1. Flexibility. The firm is flexible in that the lease payments occur over time thus avoiding financing through debt which could be more expensive. 5
2. Lack of restrictions. Leasing usually has less restrictions than those found in loan agreements. 6
3. One hundred per cent financing. Through leasing the firm can use an asset without having to make a downpayment or initial equity investment. 7
4. Treatment in bankruptcy and reorganization. ${ }^{8}$
5. Tax considerations. The lease payment can be deducted as an expense for federal income tax purposes. 9
6. Accounting treatment. In a leasing arrangement, the company can use an asset without carrying a liability on the books of the firm. At the present time, all that is needed for an audit is a footnote on the financial statement. 10

Along with the advantages just noted there are two major disadvantages that follow:

1. Residual value. Since a company in a lease agreement does not own the asset being leased, the residual or terminal value of the leased asset goes to the lessor. ${ }^{11}$

[^12]2. Interest cost of leasing, The interest cost for leasing is usually higher than the interest cost of debt. 12

There are two major methods utilized to analyze the alternatives of leasing and borrowing. The first of these is the present-value analysis of alternatives. In this process, the cash outflows of each alternative are analyzed with the lowest present value being the most desirable. Below is the formula used for this method:

$$
\begin{aligned}
\mathrm{NPV} & =\sum_{\mathrm{t}}^{\mathrm{n}} \frac{\mathrm{~A}_{\mathrm{t}}}{(1+\mathrm{k})^{\mathrm{t}}} \\
\mathrm{NPV} & =\text { Net Present Value } \\
\mathrm{A} & =\text { Cash outflow for period } \\
\mathrm{k} & =\text { Discount rate }
\end{aligned}
$$

The second method used is internal rate of return analysis. By computing the internal rates of return, a rate of discount that equates the value of lease payments can be arrived at. The equation used for this procedure is as follows:

$$
\begin{aligned}
& A_{0}-\sum_{t}^{n} \frac{L_{t}}{(1+r)^{t}}+\sum_{t}^{n} \frac{T\left(L_{t}-P_{t}\right)}{(1+r)^{t}}=0 \\
& A=\text { Cost of the asset to be leased } \\
& n=\text { Number of periods to the end of lease } \\
& L=\text { Lease payment at the end of period } t \\
& T=\text { Corporate tax rate }
\end{aligned}
$$

$$
{ }^{13} \text { Ibid., p. 586-87. }
$$

$$
\begin{aligned}
P= & \text { Depreciation in period that would } \\
& \text { be applicable if the asset were owned } 14 \\
r= & \text { Internal rate of return }
\end{aligned}
$$

The Circle $K$ Corporation has found the sale-leaseback arrangement to be very profitable for accelerated growth and expansion. David Barker, Area Circle $K$ Manager for Montana, Northern Idaho and Eastern Washington, stated that by building stores, selling them, and then leasing them back, the flow of capital is such that a procedure of reinvestment goes on and on allowing the establishment of new stores at a rapid pace. All leasing arrangements are culminated at the corporate headquarters in Phoenix, Arizona. As stated in the introduction, the main leasing agent is Chrysler Realty which is a subsidiary of Chrysler Corporation, the automotive giant. ${ }^{15}$

A realistic example of a lease agreement between the Circle $K$ Corporation and a lessor has been assembled by utilizing realistic financial figures supplied by Mr. M. J. Mead, Montana Division office manager for Circle $K$.

The price of an average store and associated property is $\$ 60,000$. At the present time, the average lease on a store is for a period of twenty years with three five-year options extended to the basic term of the lease. The lessee (Circle $K$ Corporation) has the choice of exercising the extended options. If the option is to be taken, the lessee will supply the
${ }^{14}$ Ibid., p. 588-89.
${ }^{15}$ Interview with David Barker, 22 November 1974.
lessor with a written notice ninety days prior to the expiration of the primary lease. ${ }^{16}$

The tables in Appendix 6 illustrate the different methods utilized in order to make a decision whether to lease or use debt financing. The following information given me by Mr. Mead is typical of an average Circle $K$ store and is the basis for the data presented in Appendix 6.

| Cost of asset | $\$ 60,000$ |
| :--- | :---: |
| Economic life | 20 years |
| Percentage rate of lease | $8 \%$ of cost plus $2 \%$ |
| gross sales |  |
| Interest rate of debt | $10 \%$ |
| Tax rate | $50 \%$ |
| Opportunity cost of funds | $10 \%$ after tax |

With the data presented above, calculation of lease payments and loan payments are as follows:

Calculation of Lease Payment:

$$
\begin{aligned}
& \$ 60,000= \underset{\sum^{2}}{19} \frac{x}{(1.08) t} \\
& \$ 60,000= x+9.6036 \\
& x= \frac{60,000}{9.6036} \\
& x= \$ 6,248 \text { (lease payment per } \\
& \quad \text { year) plus } \$ 3,600
\end{aligned}
$$

Total payment $=\$ 9,848$

[^13]The $\$ 3,600$ figure is 2 per cent of the average breakeven gross sales of $\$ 180,000$ per year. The 2 per cent of gross sales figure is stipulated in the lease agreement and is a bonus for Chrysler Realty in addition to the normal lease payment.

Calculation of Loan Payment:

$$
\begin{aligned}
\$ 60,000 & =\sum_{t=1}^{20} \frac{y}{(1.10)^{t}} \\
\$ 60,000 & =y+8.5136 \\
y & =\frac{60,000}{8.5136} \\
y & =\$ 7,048 \text { (1oan payment per year) }
\end{aligned}
$$

Table 1 in Appendix 6 illustrates the schedule of cash outflows using the leasing alternative. Note that the present value of cash outflows over the twenty year period totals $\$ 50,271$. In order to calculate the present value of cash outflows using the debt financing alternative, the interest payments must first be calculated. Table 2 illustrates the annual interest charges for the twenty year period. Now that the interest has been calculated, it can be used in Table 3 to aid in the calculation of the present value of cash outflows using debt financing. Notice that the total present value of cash outflows over the twenty year period using debt financing is $\$ 26,758$. By comparing the present value totals in Tables 1 and 3 , the debt financing alternative seems to
be more attractive due to a smaller figure for total cash outflows.

The next method of decision making utilized is the internal rate of return analysis method. In Table 4, the cash flows are presented for the twenty year period. By solving for the rate of discount in Table 5 , we find it to be 9.70 per cent. This is the after-tax cost of lease financing. The after-tax cost of debt financing is the beforetax interest cost times one minus the tax rate. Thus, $10(1-0.5)=5$ per cent. Using this method of analysis, debt financing is preferred because the effective yield is less than that of lease financing.

The decision to lease or borrow can be made taking the lowest present value of cash outflows or the lowest after-tax internal rate of return. The internal rate of return method is favored because it does not require one to specify a discount rate.

It is evident from discussions with both Mr. Mead and Mr. Barker that they feel that lease financing of the stores gives them more operating latitude since all monies are not tied down in debt financing although the data presented favors debt financing. By leasing, the expenses incurred in lease payments amount to a sizeable tax deduction for the corporation. The number of stores now in operation in the corporation number almost one thousand at this time and they generated an after-tax net earnings of $\$ 4,751,084$ in the year ended April 30, 1974. The Circle $K$ management has adopted a
policy of rapid expansion. An example of this expansion would come in late 1975 with the opening of approximately fifteen new stores in Central and Eastern Montana. The company would continue to build stores on specially selected sites for saleleaseback procedures, keeping sales and profits uppermost in mind. 17
${ }^{17}$ Interview with David Barker, 22 November 1974.

## CHAPTER VI

## SUMMARY

The structure of the Circle $K$ Corporation has grown at a rapid pace during the past few years. Being located in the western part of the United States has been a detriment in the aspect of high costs due to the transportation rates charged for merchandise to be delivered to the stores. This is especially true in Montana where towns are a great distance from each other. In an effort to solve this problem, the corporation is trying to consolidate new store construction to areas where stores are already operating or along main transportation routes in new areas.

The long operating hours and convenient suburban locations of the convenience food stores have contributed to their rapid growth. This, coupled with the consumer buying habits brought about by suburban living and increased leisure activities, justifies their sustained growth in the future. As the Circle $K$ Corporation grows larger, the high costs of supplying stores with inventories will undoubtedly bring about regional warehousing facilities similar to those used by the Southland Corporation and Munford, Inc.

Personnel policies are of great importance to the Circle $K$ Corporation. It is their intention to offer the
kind of benefits which foster good management/employee relationships. The benefit package and bonus programs help to offset the detraction of low salaries which are common in the convenience food store industry.

The concept of operating stores on a contract basis went into effect on January 1, 1975. Under this kind of operation, each store is under the control of a contract manager. This manager receives a salary which is guaranteed by the contract so that he will be able to receive a paycheck even if his store loses money. The Circle K Corporation feels that by using a contract operation of stores, the manager will take pride in the operation and produce greater profits for the company and himself. Depending on the sales of the store, the corporation receives from 12 per cent to 13.5 per cent of the gross sales. Anything left over goes to the individual store manager. Another important aspect of the contract operation is that the zone manager will become more of an advisor for the stores assigned to his zone. Under such a capacity, the corporation feels that existing zones can be consolidated thus reducing the number of zone managers by approximately 40 per cent to 50 per cent. Since the zone managers are paid from money in the general and administrative account, this will substantially reduce that expense. A copy of such a contract is supplied in Appendix 7. The financial stability of the Circle $K$ Corporation is very sound. Tables 1 through 6 of Appendix 8 present pro forma information, trend analysis, and operating ratios for
the Circle $K$ Corporation and Munford, Inc. These two companies were chosen for comparison due to their similarity in size. With the aid of Dr. Roger Hayen of the University of Wyoming, the computer program entitled FIAN was utilized to present the data shown in the tables previously mentioned in Appendix 8. The trend analysis depicts the growth of each company over the past three years. In order to make future projections of growth for each company, the computer program entitled FIPRO was used. This program used actual 1973 information for each company and made projections for balance sheet and income statement data through 1978. It must be remembered that this program is only a projection tool and may not be accurate in the coming years. Such things as economic conditions and corporate decisions are not considered in this program. The information obtained by the FIPRO program can be found in Tables 7 and 8 of Appendix 8.

The management training programs used by Circle $K$ seem to be inadequate. From discussions with the managers in the Montana area, it was evident that they do not have any training in the use of management tools to help them in decision making. The managers expressed their desires of being trained in such techniques, but stated that the only person who presently received such training was the area manager. The division and zone managers are in need of a training program along these lines because they could possibly solve many problems before they got to the area manager's level. A solution would be to set aside two or three hours
at the weekly meetings of zone and division managers for a management tool workshop. The goal of having better trained and more knowledgable managers would be well worth the training time expended. All managers interviewed expressed these desires.

Consumer reaction is of great importance to the Circle K Corporation. There has been a great deal of study done in the measurement of attitude and awareness. Much of the current work in the use of attitude scales can be traced to L. L. Thurston and other psychometricians of the late 1920s. ${ }^{1}$ The semantic differential scale is the scale most widely used in measuring attitude. ${ }^{2}$ It consists of pairs of antonyms placed on opposite ends of a scale. There are several factors that should be considered in the development of a semantic differential scale. These factors are the following: (1) whether a balanced or unbalanced scale should be used; (2) what type of scale should be used--numerical, graphic, verbal or some combination; (3) number of steps on the scale; (4) whether the scale should be forced or nonforced type; (5) the selection of antonyms. ${ }^{3}$ A balanced scale has
${ }^{1}$ David G. Hughes, Attitude Measurement for Marketing Strategies, (Glenview, Illinois: Scott, Foresman and Company, 1971), p. 90.
${ }^{2}$ James F. Engle, David T. Kollat, and Robert D. Blackwe11, Consumer Behavior, 2nd ed. (New York: Holt, Rinehart and Winston, Inc., 1973), p. 453.
${ }^{3}$ David G. Hughes, Attitude Measurement for Marketing Strategies, p. 92.
the $Q$-Sort technique, the Staple scale, the Gultman scale and the customer prototypes procedure. ${ }^{6}$

There are three prime methods of data collection. These are the personal interview, the mail survey, and the telephone survey. ${ }^{7}$ There are certain advantages and disadvantages associated with each survey method. The personal interview has the advantage of giving the best information and of having a low rate of nonresponse; it also is likely to be the most expensive and has the greatest danger of interviewer bias. The telephone interview is advantageous in that it is the fastest method of obtaining information and nonresponse is generally very low. Its disadvantages are that interview periods must be kept very short and questions must be short and simple. The mail survey offers relatively low cost, no interviewer bias, and affords the respondent the choice to answer at his leisure. The disadvantages of a mail survey are indeterminable bias due to nonresponse, the nonresponse rate is higher than in personal (and telephone) interviews, and the response is the slowest of the three methods. ${ }^{8}$

The population for the study was limited to Circle $K$ customers in the nine Great Falls, Montana stores. The method used to obtain the data for the study was in the form of the

[^14]mail questionnaire. The store clerks gave out the questionnaire to customers on a random basis and asked that they be brought back on their next visit to the store. Fifty questionnaires were used in each store. Of 450 questionnaires given out, 423 were completed and returned for a 94 per cent response. This type questionnaire was chosen because of the ease of use and the lower cost as compared to other data collection methods. The aided recall technique was used to obtain a measure of awareness. The semantic differential scale was also chosen because it is widely accepted and it is relatively simple and easily interpreted. An unbalanced scale was used to force a positive or negative opinion. A combination verbal-numerical scale was used with each scale having six intervals and offering a no-opinion answer. The customers did not have to sign the questionnaires and were provided with an envelope in which to return the questionnaire to the store clerk.

Studies have shown that bias can be caused by the order in which the questions are asked, and that there is a tendency for the person being surveyed to stay on one side of the scale when antonyms are used. To overcome bias in these areas, the order in which questions are asked has been reversed and antonyms have been reversed so that words of favorable and unfavorable meanings do not appear on the same side of the scale. ${ }^{9}$

[^15]See Appendix 9 for the copy of the questionnaire used and the cover letter that accompanied it.

The results of the questionnaire showed that those questioned shop at Circle $K$ from two to four days per week, spend approximately $\$ 1.50$ per visit, and purchase gas at least one or more times per month.

Listed below are the Section 4 items from the questionnaire with the percentage of responses by each item:
Convenience 100\%
Ice 94
Magazines 100
Greeting Cards 73
Fresh fruits and vegetables 92
Hunting ammunition 64
Money orders 82
Cashing of travelers checks 95
Gasoline and oil
98
Sandwiches

From the responses given above, it is evident that the average Circle $K$ customer is aware of the items listed. The lowest response was to ammunition. This could be due to the number of women shopping at the stores who would not expect ammunition to be sold in a convenience grocery store.

In Sections 5 and 6, 90 per cent of the customers answered the very useful and satisfactory ratings. The other 10 per cent had ratings in the middle. There were no ratings of useless or unsatisfactory.

Overall, the customer seemed to be aware of what was offered in the average Circle $K$ store and was content with how the store was operated. The only comments were for
longer operating hours and for more selection in grocery items.

The convenience food store industry is still in the young years of its life. From this study, it is evident that the growth of this industry will continue for a long period of time. As for the Circle $K$ Corporation, the data supplied showing its rapid growth over the past few years is evidence of the bright future ahead. The former president of Circle $K$, John Gillett, best sums up the principle by which the convenience food store industry will continue its growth in the future with this statement:

> We believe in the word convenience. Our whole philosophy is based on any product and/or service that pertains to the word convenience. We are constantly reviewing and researching new products (both grocery and non-grocery items), as well as specialized services. We have no intention of digressing from our original concept of filling a need to serve convenience to the public.

## APPENDIX 1

GROWTH CHARTS



CIRCLE K CORPORATION




## APPENDIX 2

SOUTHLAND CORPORATION


1973
36 States


1967
23 States


1962
11 States

MUNFORD INC.


1973
19 States


1972
19 States


1971
18 States



10 States


1972
8 States

## APPENDIX 3

PERSONNEL EVALUATION POLICY

## EVALUATION \& SALARY PROGRAM

A program of evaluation and salary progress designed to provide our employees with a knowledge of the requirements of salary improvement, promotion and continued employment:
1st Evaluation:
Between 15 and 30 days. Complete Critical Duties Performance List. Read Folicy Manual.
Salary Increase may be to $\$ 2.05$ upon
Store Managers Recommendation (Store Managers responsibility)
2nd Evaluation:
Between 30 and 90 days.
Store Manager completes Evaluation Sheet \#1. Salary increase may be to $\$ 2.10$ upon Store Managers Recommendation (Store Managers responsibility)
3rd Evaluation \& Subsequent Evaluations:
After 90 days upon request of Store Manager or Zone Manager.
Store Manager completes Evaluation Sheet \#2. Promotion to Assistant Manager or Senior Clerk upon Store Managers recommendation with Zone Managers concurrance.
Salary range from $\$ 2.15$ to $\$ 2.30$.
Evaluation for Store Manager and subsequent evaluations:
Zone Manager uses Evaluation Sheet 活2. Salary range from $\$ 2.35$ to $\$ 2.65$.

## EMPLOYEE EVALUATION SHEET \#1

An evaluation of

$\qquad$ ..... 19 areas on on — 19

$\qquad$1. Ability to open and close store:
2. Checking vendors:
3. Ordering:
4. Retailing:
5. Suggestive selling:
6. Attitude:
7. Reliability:
8. Customer Courtesy (greeting, helpfulness etc.):
9. Fersonal appearance:
10. Fride in store:
11. Recommendation:
Store Manager
Action:
Zone lianager

## EMPLOYEE EVALUATION SHEET \#2

An evaluation of ..... 19 ..1. Proficiency in all phases of store operation:
2. Attitude:
3. Reliability:
4. Leadership \& Initiative:
5. Sales Ability:
6. Customer Courtesy (greeting, helpfulness etc.):
7. Pride in store:
8. Comments:
9. Recommendation:
Store Manager
Action:
Zone Manager
(EVERY CIRCLE K StORE PERSON MUST PROVE HE KNOWS THESE TASKS)
(3) WATCH YOUR STORE MANAGER (or Shiftmate) show you how; then
© DO EACH DUTY YOURSELF, correctly and efficiently, checking off each; then

- SHOW YOUR ZONE MANAGER you can do each well, so he can sign you off below.


## CHECK

$\qquad$ 1. STOCK LOCATIONS -- On a "store welcome" tour each item should be spotted and named, all prices noted, including walk-in, back room, counter, outside. (NO ONE SHOULD LOSE A SALE BY NOT KNOWING WHETHER AND WHERE IT IS STOCKED!)
$\qquad$ 2. CUSTOMER COURTESY -- Watch the "whole bit" from greeting at door to assist to receipt, bagging, and welcoming back. (Introduce new-hires to regular shoppers.) ( DO A "WALK-THROUGH" WITH A REGULAR CUSTOMER--HE'LL BE GLAD TO HELP OUT!)
$\qquad$ 3. REGISTER RING-UP -- Full demo and run-through from turning for price read-off to tax table, offering receipt, change-making, bag selection, and over-rings. (NO NEW CLERK MUST GET BAD REGISTER HABITS BECAUSE HE WASN'T SHOWN RIGHT!)
$\qquad$ 4. COUNTER SERVICES -- Become "at home" finding cigs, candies, films, shells, and gifts promptly, making Frezes, controlling gas remote, suggesting specials. (CIRCLE K'S COUNTER IS FOR SALES AND SERVICE--NOT JUST FOR CHECKING AND BAGGING!)
$\qquad$ 5. CHECK ACCEPTANCE -- And Credit Card procedure. A full demo and run-through of proper ID request, endorsement, card file for $\$ 10+$, recording of checks. (LEARN WHAT CHECK TYPES AND LIMITS NOT TO ACCEPT, HOW TO REFUSE POLITELY!)
$\qquad$ 6. MONEY ORDER PROCEDURE -- Watch and issue, with full policy details: cash only, full imprint, correctly positioned, never for over $\$ 200$, entered on M.O. report. (LEARN HOW TO VOID, TO REDEEM, TO ACCEPT TRACING REQUEST, AND TO GUARD ALL M.O.'S.)
7. EMPLOYEE ROUTINE -- A new store person should get "clued in" on work schedule, time sheet maintenance and signature; what to wear, where to park and keep purse. (READING MEMOS, DUTIES NOTES, AND EMPLOYEE PURCHASE DISCOUNT RULES ARE A MUST!)
8. BASIC STOCKING -- Efficient demo of frequent walk-in tending, rotation, facing, shelving (perishables first), price-marking, counter and display re-stocking. (RE-STOCKING OF COUNTER AND WALK-IN BETWEEN BUSY PERIODS MUST BECOME A HABIT!.)
9. BASIC MAINTENANCE -- Demo that everyone helps clean; that it's easy with right combination of dusting, sweeping, oil mopping and wet mopping, window washing. (ALL STORE PEOPLE MUST HELP KEEP STORE-USE LIST ACCURATE AND ECONOMICAL:)
10. CUSTONER CHALLENGE -- A responsible store person must actually challenge any shoplifter spotted, any minor trying to buy beer, wine, or liquor, disorderlies. (EACH CIRCLE K STORE PERSON MUST SHOW HE KNOWS HOW TO CHALLENGE RESPONSIBLY!)

Each of these duties can be shown and done in a very few minutes. All must be completed within a new employee's first few days. This sheet, fully checked off and signed, must be placed in each employee's personnel folder before he is considered qualified.

I VERIFY THESE DUTIES HAVE BEEN SHOWN AND WELL LEARNED:

## APPENDIX 4

INVENTORY PRICE MARKUP

CIRCLE K CORYORATION-GOSS MARGIN- II.H.A.
Rev. 5/1/71


Rev. 5/1/74
Page 2 J

circle k comporation-choss hargins for mitailing onuer cuides
...v. 5/1/.


[^16]APPENDIX 5

CORPORATION GUIDELINES AND
BREAKEVEN ANALYSIS

TABLE 1

## GUIDELINES FOR PROFIT AND LOSS CIRCLE K CORPORATION

Sales - Gas ..... 100.00\%
Cost of Sales - Gas ..... 82.00
Gross Profit - Gas18.00
Sales - Grocery ..... 100.00
Cost of Sales - Grocery ..... 73.00
Gross Profit - Grocery ..... 27.00
Total Sales - Gas and Grocery ..... 100.00
Cost of Sales - Gas and Grocery ..... 74.00
Gross Profit - Gas and Grocery ..... 26.00
Salaries ..... 9.50
Payroll Taxes ..... 1.00
Supplies ..... 60
Utilities ..... 2.25
Depreciation \& Amortization ..... 1.00
Repair and Maintenance ..... 60
Laundry ..... 05
Cash Over and Short ..... --
Loss on Bad Checks ..... 10
Insurance ..... 30
Other Necessary ..... 20
Taxes, Licenses, and Fees ..... 30
Equipment Rental ..... 05
Store Rental ..... 2.80
Insurance and Taxes ..... 40
Total Store Expenses ..... 19.15
General \& Admin - Gas ..... 4.25
General \& Admin - Grocery ..... 4.25
Other Income ..... 2.00
Net Profit Gas ..... 13.75
Net Profit Grocery ..... 5.60
TOTAL NET PROFIT ..... 6.00

TABLE 2

## FINANCIAL DATA FOR A PROFITABLE CIRCLE K STORE (1974)

|  | Actual <br> Data (\$) | $\underset{\%}{\text { Actual }}$ | Guideline <br> Data (\$) |
| :---: | :---: | :---: | :---: |
| Sales - Gas | 63,851.23 | 100.00 |  |
| Cost of Sales - Gas | 45,761,99 | 71.67 | 52,358.01 |
| Gross Profit - Gas | 18,089.24 | 28.33 | 11,493.22 |
| Sales - Grocery | 270,928.82 | 100.00 |  |
| Cost of Sales - Grocery | 193,680.35 | 71.49 | 197,778.03 |
| Gross Profit - Grocery | 77,248.47 | 28.51 | 73,150.78 |
| Total Sales | 334,780.05 | 100.00 |  |
| Total Cost of Sales | 239,442.34 | 71.52 | 247,737.23 |
| Total Gross Profit | 95,337.71 | 28.48 | 87,042.81 |
| Salaries | 28,032.38 | 10.35 | 25,738.24 |
| Payroll Taxes | 2,888.06 | 1.07 | 2,709.28 |
| Supplies | 1,905.06 | . 70 | 1,625.57 |
| Utilities | 3,065.10 | 1.13 | 6,095.90 |
| Depreciation \& Amortization | 3,247.70 | 1.20 | 2,709.28 |
| Repair \& Maintenance | 1,171.69 | . 43 | 1,625.57 |
| Laundry | . 00 | . 00 | 135.46 |
| Cash Over \& Short | (65.02) | (.02) | - |
| Loss on Bad Checks | 548.80 | . 20 | 270.93 |
| Insurance | 1,448.42 | . 53 | 812.79 |
| Other Necessary | . 00 | . 00 | 541.86 |
| Taxes, License, and Fees | 2,530.92 | . 93 | 812.79 |
| Equipment Rental | . 00 | . 00 | 135.46 |
| Store Rental | 6,008.26 | 2.22 | 7,586.01 |
| Insurance \& Taxes (Rent) | 1,725.36 | . 64 | 1,083.72 |
| Total Store Expenses | 52,636.77 | 19.43 | 51,882.87 |
| General \& Admin - Gas | 4,517.18 | 7.07 | 2,713.67 |
| General \& Admin - Grocery | 13,757.22 | 5.08 | 11,514.47 |
| Other Income | + 3,318.36 | 1.17 | + 5,418.58 |
| Net Profit - Gas | 13,572.06 | 21.16 | 8,779.54 |
| Net Profit - Grocery | 14,172.84 | 5.23 | 15,172.01 |
| TOTAL NET PROFIT | 27,744.90 | 8.29 | 20,086.80 |

TABLE 3
FINANCIAL DATA FOR AN UNPROFITABLE CIRCLE K STORE (1974)

|  | Actual <br> Data (\$) | Actual \% | Guideline Data (\$) |
| :---: | :---: | :---: | :---: |
| Sales - Gas | 28,880.68 | 100.00 |  |
| Cost of Sales - Gas | 20,069.28 | 69.49 | 23,682.15 |
| Gross Profit - Gas | 8,811.40 | 30.51 | 5,198.53 |
| Sales - Grocery | 105,259.61 | 100.00 |  |
| Cost of Sales - Grocery | 76,958.18 | 73.11 | 76,839.51 |
| Gross Profit - Grocery | 28,301.43 | 26.89 | 28,420.10 |
| Total Sales | 134,140.29 | 100.00 |  |
| Total Cost of Sales | 97,027.46 | 72.33 | 99,263.81 |
| Total Gross Profit | 37,112.83 | 27.67 | 34,876.48 |
| Salaries | 14,653.43 | 13.92 | 12,743.32 |
| Payroll Taxes | 1,508.35 | 1.43 | 1,341.40 |
| Supplies | 950.61 | . 81 | 804.84 |
| Utilities | 3,647.76 | 3.47 | 3,018.15 |
| Depreciation $\mathcal{G}$ Amortization | 4,872.36 | 4.63 | 1,341.40 |
| Repair \& Maintenance | 975.41 | . 93 | 804.84 |
| Laundry | 2.13 | . 00 | 67.07 |
| Cash Over and Short | +31.54 | . 03 |  |
| Loss on Bad Checks | 207.28 | . 20 | 134.14 |
| Insurance | 582.78 | . 55 | 402.42 |
| Other Necessary | 76.49 | . 07 | 207.28 |
| Taxes, Licenses, and Fees | 2,689.68 | 2.56 | 402.42 |
| Equipment Rental | . 00 | . 00 | 67.07 |
| Store Rental | 4,680.00 | 4.45 | 3,755.93 |
| Insurance and Taxes (Rent) | 1,540.56 | 1.46 | 536.56 |
| Total Store Expenses | 36,255.30 | 34.44 | 25,687.86 |
| General \& Admin - Gas | 2,695.03 | 9.33 | 1,006.49 |
| General \& Admin - Grocery | 5,348.61 | 5.08 | 4,473.53 |
| Other Income | +1,226.84 | 1.17 | +2,105.19 |
| Net Profit - Gas | 6,116.37 | 21.18 | 3,971.09 |
| Net Profit - Grocery | (12,075.64) | (11.47) | 5,894.53 |
| TOTAL NET PROFIT | $(5,959.27)$ | (4.44) | 8,048.41 |

TABLE 4

## BREAKEVEN POINT FOR A PROFITABLE CIRCLE K STORE

Sales $=\$ 334,780.05$
Fixed Costs
Salaries - $\$ 32$ @ 365 days ..... \$ 11,680.00
Payroll Tax2,888.06
UtilitiesDepreciation and Amortization3,065.10Taxes, Licenses, and FeesStore RentalInsurance and Taxes
Insurance (Liability)3,247.70
2,530.926,008. 26
1,725.361,448.42$\$ \overline{32,593.82}$
Variable Costs
Salaries\$ 16,352.38
Supplies ..... 1,905.06
Repairs and Maintenance ..... 1,171.69
Laundry ..... 00
Cash Over and Short ..... 65.02
Loss on Bad Checks ..... 548.80
Other Necessary ..... 00
Equipment Rental ..... 00
General and Administrative ..... 18,274.40
Cost of Sales ..... 239,442.34$\$ 277,759.69$
Marginal Income $=1-\frac{V C}{\text { Sales }}$

$$
=1-\frac{277,759.69}{334,780.05}
$$

$$
=1-.83
$$

$$
=.17
$$

$$
\text { BEP }{ }_{\$}=\frac{\text { Fixed Costs }}{1-\frac{\operatorname{Var} \operatorname{Cost}}{\text { Sales }}}
$$

$$
=\frac{32,593.82}{.17}
$$

$$
=191,728.35
$$

TABLE 5

## BREAKEVEN POINT FOR AN UNPROFITABLE CIRCLE K STORE

Sales $=\$ 134,140.29$
Fixed Costs
Salaries - \$32 @ 365 days \$ 11,680.00
Payroll Tax
Utilities
Depreciation and Amortization
Taxes, Licenses, and Fees
Store Rental
Insurance and Taxes
Insurance (Liability)
Variable Costs
Salaries \$ 2,973.43
Supplies 950.61
Repairs and Maintenance 975.41
Laundry 2.13
Cash Over and Short (31.54)
Loss on Bad Checks 207.28
Other Necessary 76.49
Equipment Rental
.00
General and Administrative
8,043.64
Cost of Sales
97,027.46
$\$ 110,224.91$

$$
\begin{aligned}
\text { Marginal Income } & =1-\frac{\mathrm{VC}}{\text { Sales }} \\
& =1-\frac{110,224.91}{134,140.29} \\
& =1-.82 \\
& =.18 \\
\mathrm{BEP}_{\$} & =\frac{\text { Fixed Costs }}{1-\frac{\text { Var Cost }}{\text { Sales }}} \\
& =\frac{31,201.49}{.18} \\
& =173,341.61
\end{aligned}
$$

## APPENDIX 6

PRINCIPLES OF SALE/LEASEBACK

TABLE 1
SCHEDULE OF CASH OUTFLOWS: LEASING ALTERNATIVE 8 PER CENT

| End of <br> Year | Lease <br> Payment | Tax <br> Shield | Cash Outflow <br> After Tax <br> (1) <br> (2) | (10\%) <br> Present Value <br> of Cash Outflow |
| :---: | :---: | :---: | :---: | :---: |
| 0 | 9848 | - | 9848 | 9848 |
| 1 | 9848 | 4924 | 4924 | 4476 |
| 2 | 9848 | 4924 | 4924 | 4067 |
| 3 | 9848 | 4924 | 4924 | 3693 |
| 4 | 9848 | 4924 | 4924 | 3363 |
| 5 | 9848 | 4924 | 4924 | 3053 |
| 6 | 9848 | 4924 | 4924 | 2777 |
| 7 | 9848 | 4924 | 4924 | 2526 |
| 8 | 9848 | 4924 | 4924 | 2297 |
| 9 | 9848 | 4924 | 4924 | 2088 |
| 10 | 9848 | 4924 | 4924 | 1898 |
| 11 | 9848 | 4924 | 4924 | 1723 |
| 12 | 9848 | 4924 | 4924 | 1566 |
| 13 | 9848 | 4924 | 4924 | 1423 |
| 14 | 9848 | 4924 | 4924 | 1295 |
| 15 | 9848 | 4924 | 4924 | 1177 |
| 16 | 9848 | 4924 | 4924 | 1068 |
| 17 | 9848 | 4924 | 4924 | 974 |
| 18 | 9848 | 4924 | 4924 | 885 |
| 19 | 9848 | 4924 | 4924 | 803 |
| 20 | 9848 | 4924 | -4924 | -729 |
|  |  |  |  | 50271 |

TABLE 2
SCHEDULE OF DEBT PAYMENTS 10 PER CENT

| End of <br> Year | Interest Plus <br> Principal Payment | Principal Anount <br> Owing at End of Year | Annual <br> Interest |
| :---: | :---: | :---: | :---: |
| 0 | - | 60,000 | - |
| 1 | 7048 | 58,952 | 6000 |
| 2 | 7048 | 57,799 | 5895 |
| 3 | 7048 | 56,530 | 5779 |
| 4 | 7048 | 55,135 | 5653 |
| 5 | 7048 | 53,600 | 5513 |
| 6 | 7048 | 51,912 | 5360 |
| 7 | 7048 | 50,055 | 5191 |
| 8 | 7048 | 48,012 | 5005 |
| 9 | 7048 | 45,765 | 4801 |
| 10 | 7048 | 43,293 | 4576 |
| 11 | 7048 | 40,574 | 4329 |
| 12 | 7048 | 37,583 | 4057 |
| 13 | 7048 | 34,293 | 3758 |
| 14 | 7048 | 30,674 | 3429 |
| 15 | 7048 | 26,693 | 3067 |
| 16 | 7048 | 17,314 | 2669 |
| 17 | 7048 | 12,497 | 2231 |
| 18 | 7048 | 6,369 | 1749 |
| 19 | 7048 |  | 1219 |
| 20 | 7048 |  | 637 |

TABLE 3
SCHEDULE OF CASH OUTFLOWS: DEBT FINANCING 10 PER CENT

| End of Year | (1) <br> Loan Payment | (2) <br> Interest | (3) <br> Depreciation | (4) <br> 50\% <br> Tax Shield (2) $+(3) \quad 0.5$ | Cash Outflow After Tax (1) - (4) | Present Value Cash Flows |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 7048 | 6000 | 3000 | 4500 | 2548 | 2316 |
| 2 | 7048 | 5895 | 3000 | 4448 | 2600 | 2149 |
| 3 | 7048 | 5779 | 3000 | 4390 | 2658 | 1997 |
| 4 | 7048 | 5653 | 3000 | 4327 | 27.21 | 1858 |
| 5 | 7048 | 5513 | 3000 | 4257 | 2791 | 1733 |
| 6 | 7048 | 5360 | 3000 | 4180 | 2868 | 1619 |
| 7 | 7048 | 5191 | 3000 | 4096 | 2952 | 1515 |
| 8 | 7048 | 5005 | 3000 | 4003 | 3045 | 1421 |
| 9 | 7048 | 4801 | 3000 | 3901 | 3147 | 1335 |
| 10 | 7048 | 4576 | 3000 | 3788 | 3260 | 1257 |
| 11 | 7048 | 4329 | 3000 | 3665 | 3383 | 1186 |
| 12 | 7048 | 4057 | 3000 | 3529 | 3519 | 1121 |
| 13 | 7048 | 3758 | 3000 | 3379 | 3669 | 1063 |
| 14 | 7048 | 3429 | 3000 | 3215 | 3833 | 1009 |
| 15 | 7048 | 3067 | 3000 | 3034 | 4014 | 961 |
| 16 | 7048 | 2669 | 3000 | 2835 | 4213 | 917 |
| 17 | 7048 | 2231 | 3000 | 2616 | 4432 | 877 |
| 18 | 7048 | 1749 | 3000 | 2375 | 4673 | 840 |
| 19 | 7048 | 1219 | 3000 | 2110 | 4938 | 807 |
| 20 | 7048 | 637 | 3000 | 1810 | 5229 | $\begin{array}{r} 777 \\ \hline 26,758 \end{array}$ |

NOTE: Assume straight line depreciation.

TABLE
SCHEDULE OF CASH FLOWS: LEASE FINANCING

| End of Year | (1) <br> Cost of Asset | (2) <br> Lease Payment | (3) <br> Depreciation | (4) $(2)-(3)$ |  | $\begin{aligned} & (6) \\ & \text { Cash F1ows } \\ & (1)-(2)+(5) \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 60,000 | 9848 | 3000 | 9848 | 4924 | 55076 |
| 1 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 2 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 3 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 4 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 5 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 6 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 7 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 8 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 9 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 10 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 11 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 12 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 13 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 14 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 15 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 16 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 17 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 18 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 19 | - | 9848 | 3000 | 6848 | 3424 | (6424) |
| 20 | - | - | 3000 | (3000) | (1500) | (1500) |

NOTE: Assume straight line depreciation.

TABLE 5
INTERNAL RATE OF RETURN: LEASE FINANCING

| Cash Flows | Discount <br> Rate | Discounted <br> Cash F1ow | Discount <br> Rate | Discounted <br> Cash F1ow |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 55076 | - | - | - | - |
| 1 | $(6424)$ | .91 | 5846 | .92 | 5910 |
| 2 | $(6424)$ | .83 | 5332 | .84 | 5396 |
| 3 | $(6424)$ | .75 | 4818 | .77 | 4946 |
| 4 | $(6424)$ | .68 | 4368 | .71 | 4561 |
| 5 | $(6424)$ | .62 | 3983 | .65 | 4176 |
| 6 | $(6424)$ | .56 | 3597 | .60 | 3854 |
| 7 | $(6424)$ | .51 | 3276 | .55 | 3533 |
| 8 | $(6424)$ | .47 | 3019 | .50 | 3212 |
| 9 | $(6424)$ | .42 | 2698 | .46 | 2955 |
| 10 | $(6424)$ | .39 | 2505 | .42 | 2698 |
| 11 | $(6424)$ | .35 | 2248 | .39 | 2505 |
| 12 | $(6424)$ | .32 | 2056 | .36 | 2313 |
| 13 | $(6424)$ | .29 | 1863 | .33 | 2120 |
| 14 | $(6424)$ | .26 | 1670 | .30 | 1927 |
| 15 | $(6424)$ | .24 | 1542 | .27 | 1734 |
| 16 | $(6424)$ | .22 | 1413 | .25 | 1606 |
| 17 | $(6424)$ | .20 | 1285 | .23 | 1478 |
| 18 | $(6424)$ | .18 | 1156 | .21 | 1349 |
| 19 | $(6424)$ | .16 | 1028 | .19 | 1221 |
| 20 | $(6424)$ | .15 | 225 | .18 | 270 |
|  |  |  | 53,928 |  | 57,764 |

$$
\begin{aligned}
9 \%= & 57,764 \\
10 \%= & 57,764 \\
1 \%= & \frac{55,928}{2,688} \\
& \frac{2,688}{3,836}=.70+9 \%=9.70 \%
\end{aligned}
$$

APPENDIX 7

CONTRACT AGREEMENT


are not so maintained and repaired，Company，without prejudice to any of its rights or remedies，may give a three（3）day written notice to Contract Manager to repair．If Contract Mana－ ger does not comply within such period，Company may repair or cause repair to be done，and Contract Manager shall forthivith pay to company the expense of making such repairs．Contract Manager agrees to pay for the cost of＂Maintenance Service Con－ tracts＂which Company may from time to time secure which are generally applicable to all stores，such as cash register and fixture maintenance．

5．REPLACEMENT OF TRADE FIXTURES．Company may，at
any time，replace any fixtures with other fixtures of a simi－ lar kind and of equal or better quality．If any fixtures，in the opinion of the company，become inadequate，obsolete or unusable，Company may replace them．Company shall at all times have free access to the trade fixtures for inspection and to máke repairs or replacements．隹路 6．TRANSFERS OR ENCUMBRANCES．Contract Manager shall not pledge；mortgage or otherwise hypothecate，sublet or part with possession of said trade fixtures，or attempt in any other manner to dispose thereof，or remove the trade fixtures from said premises or suffer any liens or legal process to be incurred or levied thereon．

7．LIABILITY FOR DAMAGE OF FIXTURES．Contract Manager Shall be responsible for any damago to the trade fixtures while in his possession，provided，however，that Contract Manager shall not be liable for loss thereof or injury thereto re－ sulting from fire，flood，or act of God．
＂度
B．MAINTENANCE AND REPAIR OF MARKET PREMISES．As and when required in its opinion，Company shall，at its expense， repaint the store building．（interior and exterior）；Contract Manager shall perform all other maintenance and janitorial service in order that the premises shall be kept in a clean， orderly and sanitary manner at all times．Working Manager shall， at his expense，repair and／or replace damaged and／or broken doors，windows and plumbing． －SECURITY DEPOSIT．Concurrent with the execution of this Agreement，Contract Manager shall pay to company one Thousand Six Hundred and $00 / 100$ Dollars $(\$ 1,600.00)$ as a deposit and security for the full and faithful performance by Contract Manager of all of the terms eand conditions contained herein．Upon termination of this Agreement，Company shall re－ ＂pay to contract Manager，in accordance，with final accounting thereof，the amount so deposited less any monies then due Company by Contract Manager．Duriñ＇g the term of this Agreement， Company shall pay Contract Manager interest each month on the amount deposited under this paragraph．Such interest shall be paid to Contract Mahager by deducting it from the amount of interest due Company that month on the unpaid balance，if any，of Contract Manager＇s promissory note，or by crediting the amount of such interest to Contract Manager＇s current account． The rate of interest shall be the same as that provided in paragraph 10 of this Agreement．

10．INITIAL INVENTORY：Company shall procure and de－ liver to Eaid store the initial inventory of all items．The cost to Contract Manager of such merchandise shall be computed by a

physical inventory taken at said'store within three (3) business days before or after commencement of the term of this Agreement and using the aggregate of Company's then effective suggested retail prices for each ftem in said inventory, less percent ( $\%$ ) thereof. Such physical inventory shall be taken by Company at its own expense.

Company shall advance to Contract Manager the sum of Dollars (\$ ) representing the aggregate of (i) the cost of saidinitial inventory ( $\$$ ) ; and (ii) the amount of a store change fund ( $\$$ ) and (iii) the value of miscellaneous supplies on hand in said store at the commencement of this Agreement ( $\$$ ). Contract Manager shall repay said sum as foliows: Dollars (\$
) cash
upon execution of this Agreement and the delivery of Contract Manager's promissory note for the balance. Receipt of saia hereby acknowleaged by Company. Said promissory note shall be in a form approved by company. The unpaid balance of said note shall bear interest at a rate determined as of the first day of each month equal to the "prime rate" of interest plus one-half of one percent ( 0.5 \% ) per annum. The "prime rate" shall be the prime rate charged by the Chase Manhattan Bank of New York as of the first banking day of each calendar month. However, the interest charged according to said promissory note shall not e.icued the highest rate of interest allowable by law in the state which has jurisdiction over this contract. The term of said nute shall coincide with the term of this Agreement, and the unpaid balance of said note, together with unpaid interest thereon, shall bs duc and payable in full upon termination of this Agrecment for whatever cause and by whichever party.
11. INVENTORY VALUATION PROCEDURE. All of the inventories provided for: in this Agreement shall be taken in accordance with Company's standard inventory accounting principles. The merchandise shall be counted at its retail price. Excest as otherwise expressly provided, the cost of the merchandiss shall be determined by deducting from the aggregate retail price an amount equal to Contract Meneger's gross markup. Contract tfanager's gross markup shall be the aggregate of the retail price of the merchandise multiplied by contract Manager's percentage markup (as determined in accordance with this paragraph).

In determining the costs of the various inventories in this Agreement, it-is estimated that Contract Manager's percentage markup will be percent ( $\%$ ). After Contract Manager has been a tenant in said store under this Agreerent for six (6) months, and once every six. (6) months thereafter, company may, and upon Contract Manager's written request Company shall, review Contract Manager's records to determine whether said estimated percentage markup conforms to the actual percentage -markup (as hereinafter defined). Said estimated percentage markuo shall be deemed to conform'to the actual percentage markug if the latter is within one: percentage point above or below the former. - If said estimated percentage markup does not conform to the actual percentage markup, then the parties hereto thereafter shali consider the Contract Manager's percentage markup to be the actual percentage markup rounded to the nearest one-quarter of one percent ( $0.25 \%$ ) in determining the cost of the inventory provided for in this Agreement.

Whe The torm "actual percentage markup", as used herein, shall mean the overall percentage markup experienced at said store during the most, recently ended six (6) month period computed in accordance; with Company's standard accounting procedures.
12 Contract Manager shall give Company and its agents and designees acess to said store during normal business hours to take the inventories provided for in this Agreement. Contract Manager or his dasignee may observe each inventory. If contract Manager observes any errors occurring during any such inventory, Contract Manager should promptly bring such to the attention of the person taking such inventory, Immediately upon the conslusion of each inventory, Contract Manager shall execute a copy of the inventory summary documents and shall indicate thereon whether or not Contract Manager accepts the physicaj count of the merchandise in said store as complete and accurate. If Contract Manager does not accept such count as complete and accurate, contract Manager shall note on said documents each claimed deficiency and inaccuracy of such count.
12 In adaition the inventories expressly provided for in this Agreement, Company may take such other physical inventories of said store as Company, in its sole discretion, shall deem necessary or convenient.
12. -ADJUSTMENT OF THE BALANCE OWING ON PROMISSORY NOTE.

From time to tima, but not more often than once every six (u) months, Company, at its expense, may take an inventory of the merchandise in said store for the purpose of adjusting the balance due on Working Manager's promissory note. The cost of the mivi-
chandise in this inventory shall be the aggregate of contract
, Manager's retail price for each item of merchandise less an amount
equal to Contract Manager's gross markup, as determined in accordance with paragraph 11 hereof." If the cost, of the merchandise in this inventory exceeds the cost of the merchandise in the previous inventory (as hereinafter defined) by ten percent (10\%) or more, Contract Manager agrees to pay to Company an amounc equai to such increase. Sucin arount shâll be paid as followis, as Contract Manager shall elect: (1) Cash payment; (2) increase the unpaid balance of contract Manager's promissory note by such amount; : Ox (3) a combination of both (1) and (2) above. If the cost of the merchandise in this inventory is less than the cost of the merchanaise in the previous inventory by ten percent (108) or more, then Company shall reduce the unpaid balance of contract Manager's-promissory note by an amount equal to the decrease or, if the note has been fully paid, company shall pay the amount of the reduction in cash. Any adjustment, shall be effective the first, day of the next calendar month following the month in which this inventory is taken.

In applying the provisions of this paragraph, the term "previous inventory" shall mean the most recent inventory where an adjustment was made under this paragraph or the initial inventory (paragraph 10) if there has been no prior adjustment.
K2. 73. MONTHLY INVENTORY. Company may take or cause to
be taken at its expense a physical inventory of said store at
least once each calendar month. Company shall endeavor, but is not required, to schedule the taking of these inventories so that not less than twenty-five (25) days and not more than thirtynine (39) days elapse between them. Each such inventory shall
reflect all items of merchandise in said store at Contract Manager's retail prices for each such item, and the cost of the merchandise in each such inventory shall be the aggregate of such retail prices less an amount equal to Contract Manager's gross markup, as determined in accordance with paragraph 11 hereof.

Any unaccounted for cash or inventory variations (cash register overage and shortage) in excess of two-tenths (.2\%) when compared with the most recent previous monthly inventory shall, at Company's option, be treated as either an addition to or むeduction from sales, whichever the case may be.

The results of, each such monthly inventory shall be used to determine, in accordance with Company's standard accounting procedures, the gross profit percentage on sales at said sture since the last such monthly inventory, which percentage shall then be used to determine Contract Manager's net profit as of the end of the calendar month during which such monthly inventory is taken. If Company, for any reason, is unable to take a monchly invertory during any particular calendar month, then Company shall use the gross profit percentage determined as a result of the most rezent previous monthly inventory of said store in determining cont zact Manager's net profit for that particular calondar month.

14
14. ACCOUNTING AND BOOKKEEPING PROCEDURES. COMDany shall furnish an accounting and bookkeeping service which shall be used by Contract Manager in connection with the operation of said store.

Contract Manager shall remit daily to Company or to Company's designee, on report forms provided by company, infurmation concerning all purchases, merchandise deliveries, frum and promotional merchandise received from suppliers, merchandise and service sales (including credit card and check transactions), money order sales and such other business transactions as comany may from time to time request, which occurred at said store during the previous day. Such remittance shall be transmitted to company by a means designated by company, which may include United scates mail.

All merchandise and service sales at said store shall be recorded through the cash register, including merchandise taken for personal use by Contract Manager.

All money, including checks, received from all such merchandise sales, service sales and money order sales (including money order commissions), shall be deposited, not later than the next banking day after such Gales, in Company's account in a bank designated by Company, and shall be credited by company to Contract Manager's current account. Contract Manager shall forthwith-transmit to Company a-true copy of the deposit receipt for each such deposi't bearing the bank's deposit stamp.
, 4 All receipts for credit card transactions at said Store shall be transmitted to Company, or to Company's designee, not later than the next business: day after such transactions, and the amounts reflected thereon less any fees or discounts charged by the bank in connection therewith, shall be credited by company to Contract Manager's current account. Such receipts shall be transmitted to Company by a means designated by Company, which may include United states mail.


a Company shall pay on Contract Manager's behalf all expenses of Contract Manager incurred in connection with the operation of said store, and Company shall charge the amotunt thercof to the Contract Manager's current account. Such expenses shall include, but not be limited to, the replacement of inventory, employee salaries, payroll taxes, maintenance expenses, taxes, license and permit fees, insurance, utilities and services, interest on Contract Manager's promissory note, laundry, dues, repairs, sales taxes, the Company Charge referred to in paragraph 18 hereof, dishonored checks, and dishonored credit card receipts, vacation pay and discounts, if any.
$\therefore 15$ STORE OPERATIONS.
A. USE. The premises shall be used solely as a convenience grocery market and for the sale of only such types of merchandise as are usually sold at convenience grocery markets generally. The use of said premises for any other purpose is expressly prohibited without the written consent of company in each instance.
B. HOURS. :The Contract Manager shall keep the market open from 7:00 a.m. to 11:00 p.m. each and every day, except as otherwise authorized by Company and Contract Manager shall give his full time to operation of the market and shall energetically adopt and carry out the recommendations and policies of Company. ©
c. PERSONNEL. The contract Manager shall maintain a sufficient number of personnel to maintain a high degree of customer service, and Contract Manager and the employees shall at all times present a neat and clean appearance and shall dress in a manner prescribed by company.
A. ADVERTISING. Company shall use it's best judgment
in contracting for or employing capable persons to advertise the "Circle $\mathbb{K}^{\prime \prime}$ trade name and to promote the sale of products at whe "Circle K"istores. All such advertising shall be at company's expense. All window posters and "in-store advertising" shall be furnished by Company and properly displayed by the contract Manager:

- EQUIPNENT \& MERCHANDISE. Contract Manager shall adhere to Company's specifications as to location of trade fixtures, inventory, special displays, and shall purchase and offer for sale only those items authorized by company and in the amounts and brands approved by company and as specified in Company's order guide.

16. INSURANCE. "Contráct Manager, at his expense, shall procure and keep in force suth insurance as is required by the Master Lease' and/or such other insurance which, in Company's judgnent,-is sufficient to adequately protect company and contract Manager from liability in connection with operation of the store. Company shall be named as the additional insured in all required insurance policies. However, the Contract Manager may at his option elect to have Company procure the required insurance to take advantage of any reduced rates obtainable under company's blanket insurance, in which event, the cost of said insurance obtained through Company shall be borne by the contract Manager.

 ared wenty Five and $00 / 100^{\circ}$ Dollars $(\$ 125.00)$ per week, or $\$ 275.00$ bi-monthly, minus deductions for withholding and social security. This is riot anticipated on any bonus or other compensation contract Manager may make, nor is it a draw of any kind.

Company shall prepare and render a financial statement to Contract Manager, effective the end of each calendar month Such financial statement shall be delivered to Contract Manager within a reasonable time after the end of each calendar month, and in no event more than thirty (30) days thereafter. Such financial statement shall be accompanied by an amount equal to Contract Manager's bonus, if any, for that month determinel in accordance with Company's standard accounting procedure and reduced by Contract Nanager's applicable payment on the unpaid balance, if any, of Contract Manager's promissory note, as determined in accordance, with the terms of said note.
COMPANY CHARGE. As compensation to Company for the use of said premises, the rental of the fixtures and equipment located on said premises, the license to use Company's trademarks; trade names and The Circle K system, and for the other services agreed herein to be rendered by Company, contract Manager agrees to pay to Company each and every month, a percentage of Contract Manager's gross sales for that month, to be determined in accordance with Exhibit $B$ attached hereto and made a part hereof. Such sum shall be charged against Contract Manager's current account and is referred to herein as the "Coupany Chargèn
19. MERCHANDISE DISCOUNTS. Discounts received by Company as a result of quantity purchases of products sola In'the Circle K stores shall be distributed to each store by crediting Contract Manager's current account with the amount of such discounts attributable to the purchase of such products
Wy Contract Manager at his store. Free merchlandise, products and,sums of money received from suppliers for advertising or promotional purposes for which Contract Manager is not charged, and advertising allowances received. from suppliers shall be included in the general advertising budget of company.

TERMINATION FOR DEFAULT.
Each obligation and
covenant of Contract Manager set forth in this Agreement shall
be deemed a condition. In the event of any default or breach of any covenant, condition or other provision of this Agreement by Contract Manager, Company may, in addition to its other remedies; give Contract Manager written notice of termination specifying the default or breach prompting such notice; and, unless such default or breach is currea by Contract Manager within ten' (20) -days' after such nötice is given, this Agreement shall terminate at the expiration of such ten (10) days. Furthermore, Company, at its election, may terminate this Agreement forthwith upon written notice to. Contract Manager upon the occurrence of one of more of the following events: (a) In the event of any default by Contract Manager after Company's notice of two or more previous defaults of any kind, regardless of whether Contract Manager has curred such previous defaults;
$3 \%$
23. RIGGT TO REENTER ON TERMINATION. In the event of Company terminting this Agreement under paragraphs 20 O 22 hereof, Company, imnediately upon such termination, may reanter said premises and take possession of said premises. In the event of such reentry, Company.may buy or sell or store, for the account of Contract Menager, any personal property, stock, inventory or merchandise of contract Marizger then on said premises and contract Manager hereby appoints Company as Contract Manager's agent for such purposes. Company' may retain out of the proceeds of any such sale any sums owing Company by Contract Manager without releasing contract Manager from said indebtedness except to the extent of the amount so retained. Company may, at its discretion, pay out of said premises or otherwise any taxes or contributions owed by contract Manager which in absence of paysient would under applicable laws or regulations be an obligation of Contract Manager's successors, and Company may discharge any liens upon said goods. Contract Manager shall reimburse Company for any such payment in excess of such proceeds.


A termination of this Agreement shall not relieve Contract Manager of responsibility for obligations incurred prior to termination.

- 24 , GURRENDER Upon termination of this Agreement, by expiration or otherwise, Contract Manager shall peaceably and quietly surrender and yield up to company said store, broom clean, and in as good:order, condition and repair as the same now is or into. which it-may be put, reasonable use and wear thereof excepted; without notice or demand:of any kind, all notice to quit or vacate hereby being expressly waived.
25: G00DWILL. It is understood by the parties hereto that: the goodwill of the business and trade conducted at said store which may exist at the termination of this Agreement, whether py expiration or otherwise, shall belong solely to Company; and to protect, Company's goodwill, Contract Manager shall keep confidential all of the business of Company and the methoas of conducting such business and shall not do any act which would be in violation of the principles of good faith of the provisions of this Agreement. Contract Manager understands and agrees that; upon expiration or termination of this Agreement, for whatever cause and by whatever party, no credit will be allowed nor payment. made to Contract Manager for goodwill.

26. CLOSING INVENTORX. Upon expiration or termination of this Agreement, for whatever reason and by whichever party, Company agrees to purchase from Contract Manager the closing inventory of said store as determined by a physical inventory of the merchandise, taken by Company at its expense. The Furchase price of such closing inventory shall be, at Company's election, either the aggregate of Company's then effective suggesty 1 retail prices for the items of said inventory, less fercent (. 8) thereof, or the aggregate of contract Manager's retail prices for the items of said inventory, less an amount equal to Contract Manager's gróss markup, as determined in accordance with paragraph 11 hereof. The purchase price of said inventory, regardless of the method of calculation, shall exclude spoiled merchandise and morchandise which is unsaleable, damaged, shopwern or which does not conform to the standards of paragraph $15(\mathrm{~A})$ of this Agreement. Should Contract Manager cesire to otherwise dispose of such closing inventory, Contract Manager agrees to pay to Company, at the completion of said physical inventory, an amount equal to the price offered hereunder by company, and Company shall thereupon release any financing statement on such inventory and shall credit the amount so paid to Contract Manager's current account.
27. 27. FINAL ACCOUNTING. UPOA termination of this Agreenient, or upon surrender ofzsaid premises by Contract Manager to Company if such surrender öccurs:after said termination, company shall credit Contract Manager's:current account with the amount of Contract Manager's security deposit (including unpaid interest thereon) and the purchase price of Contract Manager's closing inventory as determined in accordance with paragraph 26 hereof. Within sixty (60) days after said termination or after such surrender, whichever occurs later, Company shall deliver to Contract Manager a final accounting statement along with an amount equal. to the credit balance, if any, to Contract Manager's current account. If contract-Manager!'s current account reflects a balance due Company, such amount shall be due and payable to Company upon delivery of such statement.


t/y Comission Expires:

on this $\qquad$ Day of $\qquad$ , A. D. 19 $\qquad$ , before me, the undersigned, a Notary Public in and for said County and State, personally appeared $\qquad$ - known to me to be the $\qquad$ of THE CIRCIE K CORPORATION, the corporation that executed the within instrument, known to be the person who executed the within instrument on behalf of the corporation horein named, and ackno:iledged to me that such corporation executed the same,

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.




## APPENDIX 8

## PRO FORMA STATEMENTS OF PRESENT

 AND FUTURE GROWTH
## TABLE 1

## CIRCLE K CORPORATI ON

BALANCE SHEETS（COMMON SIZE）

| ASSETS | 1971 |  | 1972 |  | 1973 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \＄ | 2 | S | 2 | 5 | $\chi$ |
| CASH＋S／T INUEST。 | 606. | 18.2 | $954{ }^{\circ}$ | 21.0 | 370. | $7 \cdot 3$ |
| FCC．\＆NOTES RCBL | 103. | $3 \cdot 1$ | 152. | $3 \cdot 3$ | 303. | 6.0 |
| INVENTORIES | 1137 ． | 34.2 | 1479 | $32 \cdot 6$ | 1921． | $37 \cdot 9$ |
| TOTAL CURRENT ASSETS | 1846. | 55.5 | 2585 | 57.0 | 2594. | 51.2 |
| FIXED ASSETS | 1887 ． | 56.7 | 2425. | 53.4 | 3053. | $60 \cdot 3$ |
| LESS：ACCU：＾• DEPR． | 557 • | 16.7 | 721. | 15.9 | 957 ． | 18.9 |
| OTHER ASSETS | 152. | 4.6 | 249 • | 5.5 | 374. | $7 \cdot 4$ |
| TOTAL ASSETS | 3328 。 | 100.0 | 4538 • | 100.0 | 5064 ． | 100.0 |
| EQUITIES |  |  |  |  |  |  |
| NOTES PAYARLE | 107 | $3 \cdot 2$ | 7. | －2 | 140. | 2.8 |
| ACCOUNTS PAYABLE | 487 • | 14.6 | 606. | $13 \cdot 4$ | 761. | 15.0 |
| ECRUALS \＆OTHER S／T | 99. | 3.0 | $144{ }^{\circ}$ | $3 \cdot 2$ | 199. | 3.9 |
| C：PREMT MATURITIES | 3. | －1 | 12. | － 3 | 8. | － 2 |
| TOTAL CUREENT LIAB | 696. | 20.9 | 769. | 16.9 | 1108. | 21.9 |
| BONDS AND TERM DEBT | 408. | $12 \cdot 3$ | 1402 ． | 30.9 | 1394. | 27．5 |
| OTHER CAPI TAL＊ | －155． | －4．7 | －485． | －10．7 | －573． | －11．3 |
| EDUITY | 2379 ． | 71.5 | 2852. | 62.8 | 3135. | 61.9 |
| TOTAL LIAB \＆EQUITY | 3328. | 100.0 | 4538 。 | 100.0 | 5064. | 100.0 |


| I NCOME STATEMENTS 1972 |  |  |  |  | 1973 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | \＄ | 2 | 5 | 2 | \＄ | 2 |
| REUENUES | 12898. | 100．0 | 16141. | 100．0 | 19164. | 100．0 |
| COST OF GOODS SOLD | 9289 ． | 72.0 | 11761. | 72.9 | 13684 。 | 71.4 |
| G \＆A | 2776 | 21.5 | 3357 。 | 20.8 | 4392 。 | 22．9 |
| SELLING \＆OTHER EXP． | 6. | － 0 | 7. | － 0 | 7 。 | － 0 |
| NET OTHEN Y OR EXP． | 59. | － 5 | 48. | － 3 | 59. | － 3 |
| INTEREST EXPENSE | 30. | －2 | 55. | － 3 | 71. | － 4 |
| T AXES | 341. | $2 \cdot 6$ | 410. | $2 \cdot 5$ | 418. | $2 \cdot 2$ |
| NET PROFIT | 515. | 4.0 | 599. | $3 \cdot 7$ | 650. | $3 \cdot 4$ |
| MEMO：DEPRECI ATION＝ | 160. |  | 211. |  | 255. |  |

## TABLE 2

TRENDS FROM THE BASE YEAR
BALANCE SHEETS

| ASSETS | $\begin{gathered} 1971 \\ 2 \end{gathered}$ | $1972$ | $\begin{gathered} 1973 \\ 2 \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| CASH + S/T INUEST. | 100.0 | 157.4. | 61.1 |
| ACC. \& NOTES RCBL | 100.0 | 147.6 | 294.2 |
| 1 NUENTORIES | 100.0 | $130 \cdot 1$ | 169.0 |
| total current assets | 100.0 | 140.0 | 140.5 |
| FIXED ASSETS | 100.0 | 128.5 | 161.8 |
| LESS: ACCUM. DEPR. | 100.0 | 129.4 | 171.8 |
| OTHER ASSETS | 100.0 | 163.8 | 246.1 |
| TOTAL ASSETS | 100.0 | 136.4 | 152.2 |
| equities |  |  |  |
| NOTES PAYABLE | 100.0 | 6.5 | 130.8 |
| ACCOUNTS PAYABLE | 100.0 | 124.4 | 156.3 |
| ACCRUALS \& OTHER S/T | 100.0 | 145.5 | 201.0 |
| CURRFNT MATURITIES | 100.0 | 400.0 | 266.\% |
| total current liab | 100.0 | 110.5 | 153.E |
| BONDS AND TERIA DEBT | 100.0 | 343.6 | 341.7 |
| OTHER CAPITAL* | 100.0 | 312.9 | 369.7 |
| EQUI TY | 100.0 | 119.9 | 131.8 |
| TOTAL LIAB \& EQUITY | $100 \cdot 0$ | 136.4 | $152 \cdot 2$ |

InCOME STATEMENTS

|  | 1971 | 1972 | 1973 |
| :--- | ---: | ---: | ---: |
| REVENUES | 2 | 2 | 2 |
| COST OF GOODS SOLD | 100.0 | 125.1 | 148.6 |
| G \& A | 100.0 | 126.6 | 147.3 |
| SELLING \& OTHER EXP. | 100.0 | 120.9 | 158.2 |
| NET OTHER Y OR EXP. | 100.0 | 116.7 | 125.0 |
| INTEREST EXPENSE | 100.0 | 81.4 | 100.0 |
| TAXES | 100.0 | 183.3 | 236.7 |
| NET PROFIT | 100.0 | 120.2 | 122.6 |

TABLE 3

| OPERATING RATIOS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 1971 | 1972 | 1973 |  |
| NET WORKING CAPITAL | 1150.0 | 1816.0 | 1486.0 | THOUS. |
| ORRENT RATIO | 2.7 | 3.4 | 2.3 | TO 1 |
| ACID TEST RATIO | 1.0 | 1.4 | . 6 | TO |
| OWNERS EQUITY RATIO | 66.8 | 52.2 | 50.6 | PERCENT |
| LONG TERM DEBT TO NET WORTH | $18 \cdot 3$ | 59.2 | 54.4 | PERCENT |
| AVERAGE COLLECTION PERIOD | 2.9 | 3.4 | 5.8 | DAYS |
| FECEI VABLES TURNOUER | 125.2 | 106.2 | 63.2 | TIMES |
| DaYS SUPPLY OF INUENTORY | 44.7 | 45.9 | 51.2 | DAYS |
| ENDING INVENTORY TURNOVER | $8 \cdot 2$ | 8.0 | 7.1 | TIMES |
| AVERAGE ACCOUNTS PAYABLE PERIOD | 19.1 | 18.8 | 20.3 | days |
| PAYABLES TURNOVER | 19.1 | 19.4 | 18.0 | TIMES |
| ASSET TURNOVER | 3.9 | 3.6 | 3.8 | TIMES |
| Net Profit to total sales | 4.0 | 3.7 | 3.4 | PERCENT |
| RETURN ON TOTAL ASSETS | 15.5 | 13.2 | 12.8 | PERCENT |
| EBIT TO TOTAL ASSETS | 26.6 | 23.4 | 22.5 | PERCENT |
| NET PROFIT TO NET WORTH | 23.2 | 25.3 | 25.4 | PERCENT |
| BASIC DEFENSIVE INTERUAL | 21.4 | 26.7 | 13.6 | 6 DAYS |

## TABLE 4

MUNFORD INC.
BALANCE SHEETS (COMMON SIZE)

| ASSETS | 1971 |  | 1972 |  | 1973 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 5 | . 2 | s | 2 | 5 | z |
| CASH + S/T INUEST. | 296. | 5.6 | 249. | 4.3 | 248. | 3.9 |
| ACC. \& NOTES RCBL | 392. | 7.4 | 442. | 7.7 | 570 - | 9.1 |
| INUENTORIES | 1711. | 32.1 | 2117. | 36.7 | 2290. | 36.4 |
| total curnent assets | 2399. | 45.0 | 2808. | 48.7 | 3108. | 49.4 |
| FIXED ASSETS | 4219. | 79.2 | 4378 - | 75.9 | 4803 - | $76 \cdot 3$ |
| LESS: ACCUM. DEPR. | 1650 . | 31.0 | 1778. | 30.8 | 1962 - | 31.2 |
| OTHER ASSETS | 360. | 6.8 | 361. | 6.3 | 344. | 5.5 |
| TOTAL ASSETS | 5328. | 100.0 | 5769 - | 100.0 | 6293 . | 100.0 |
| EQUITIES |  |  |  |  |  |  |
| NOTES PAYABLE | 0. | . 0 | 0. | . 0 | 0. | . 0 |
| ACCOUNTS PAYABLE | 795. | 14.9 | 928. | 16.1 | 1140 | 18.1 |
| ACCRUALS \& OTHER S/T | 199 • | $3 \cdot 7$ | 232. | 4.0 | 285. | 4.5 |
| CURIENT MATURITIES | 95. | 1.8 | 98. | 1.7 | 127. | 2.0 |
| toial curient liab | 1089. | 20.4 | 1258. | 21.8 | 1552. | 24.7 |
| BONDS AND TERM DEBT | 2083. | 39.1 | 2103. | 36.5 | 2348 . | 37-3 |
| OTHER CAPI TAL* | -422. | -7.9 | -408. | -7.1 | -687. | -10.9 |
| EQUI TY | 2578. | 48.4 | 2816. | 48.8 | 3080 - | 48.9 |
| TOTAL LIAB \& EQUITY | 5328. | 100.0 | 5769 . | 100.0 | 6293. | 100.0 |

\# PFD, MINORITY INTERESTS, ETC.

InCOME STATEMENTS 1971

1972
1973

|  | 1971 |  | 1972 |  | 1973 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | s | 2 | s | 2 | 5 | 2 |
| Revenues | 14081. | 100.0 | 15522. | 100.0 | 19852. | 100.0 |
| COST OF GOODS SOLD | 9510. | 67.5 | 10556. | 68.0 | 1369 . | 69.0 |
| G \& A | 541. | 3.8 | 569 • | 3.7 | 722. | $3 \cdot 6$ |
| SELLING \& OTHER EXP. | 3186 | 22.6 | 3506 • | $22 \cdot 6$ | 4424. | $22 \cdot 3$ |
| NET OTHER Y OR EXP. | -67. | -. 5 | -72. | -. 5 | -99. | - |
| InTEREST EXPENSE | 94. | - 7 | 116. | . 7 | 137. | -7 |
| TAXES | 232. | 1.6 | 240* | 1.5 | 273: | 1.4 |
| NET PROFI $T$ | 451. | 3.2 | 463. | 3.0 | 502. | 2.5 |
| MEMO: DEPRECIATION= | 276. |  | 264. |  | 282. |  |

TABLE 5

TRENDS FROM THE BASE YEAR
BALANCE SHEETS


INCOME STATEMENTS

|  | 1971 | 1972 | 1973 |
| :--- | ---: | ---: | ---: |
| REVENUES | X | 2 | 2 |
| COST OF GOODS SOLD | 100.0 | 110.2 | 141.0 |
| G \& A | 100.0 | 111.0 | 144.0 |
| SELLING \& OTHER EXP. | 100.0 | 105.2 | 133.5 |
| NET OTHER Y OR EXP. | 100.0 | 110.0 | 138.9 |
| INTEREST EXPENSE | 100.0 | 107.5 | 147.8 |
| TAXES | 100.0 |  | 123.4 |
| NET PROFIT | 100.0 | 103.4 | 117.7 |

TABLE 6

| OPERATING RATIOS |  |  |  |
| :---: | :---: | :---: | :---: |
|  | 1971 | 1972 | 1973 |
| NET WORKING CAPITAL | 1310.0 | 1550.0 | 1556.0 THOUS. |
| CURRENT RATIO | 2.2 | $2 \cdot 2$ | 2.0 T0 |
| ACID TEST RATIO | . 6 | $\bigcirc 5$ | . 5 TO |
| OWNERS EQUI TY RATIO | 40.5 | 41.7 | 38.0 PERCENT |
| L ONG TERM DEBT TO NET. WORTH | 96.6 | 87.3 | 98.1 PERCENT |
| AVERAGE COLLECTION PERIOD | 10.2 | 10.4 | 10.5 DAYS |
| RECEIVABLES TURNOUER | 35.9 | 35.1 | 34.8 TIMES |
| DAYS SUPPLY OF INUENTORY | 65.7 | 73.2 | 61.0 DAYS |
| ENDING INVENTORY TURNOVER | 5.6 | 5.0 | 6.0 TIMES |
| AVERAGE ACCOUNTS PAYABLE PERIOD | 30.5 | 32.1 | 30.4 DAYS |
| PAYABLES TURNOVER | 12.0 | 11.4 | 12.0 TIMES |
| ASSET TURNOVER | 2.6 | $2 \cdot 7$ | 3.2 TIMES |
| NET PROFIT TO TOTAL SALES | 3.2 | 3.0 | $2 \because 5$ PERCENT |
| RETURN ON TOTAL ASSETS | 8.5 | 8.0 | 8.0. PERCENT |
| EBIT TO TOTAL ASSETS | 14.6 | 14.2 | 14.5 PERCENT |
| NET PROFIT TO NET WORTH | 20:9 | 19.2 | 21.0 PERCENT |
| BASIC DEFENSIVE INTERUAL | 19\%0 | 17.2 | 15:8 DAYS |

## TABLE 7

## PROFORNA STATEMENTS FOK

 MUNFORD INC．BALANCE SHEET

－DEFICIT MEANS ASSFTS＞THAN LIABS． EXCESS MEANS ASSETS＜THAN LIABS．
＊I NCOME STATEMENT

| REVENUES | 198524. | 228500. | 258500. | $288500 \cdot$ | 318500 。 | 348500. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C G S | 136951. | 157665. | 178365 ． | 199065 | 219765. | 240465 ． |
| OPER EXP | 51459 ． | 59410 。 | 67210 。 | 75010. | 82810 ． | 90610. |
| 0 THER Y／E | －990． | －990． | －990． | －990． | －990． | －990． |
| 1 NTEREST | 1374 。 | 1303. | 1303 ． | 1303. | 1303 ． | 1303. |
| T AXES | 2734. | 4377 • | 5097 ． | 5817. | 6537 • | 7257 • |
| NET PROFIT | 5016. | 4755. | 5535. | 6315. | 7095. | 7875 |
| D EPR | 2815. | 3100. | 3400 。 | 3700 。 | 4000 • | 4300. |
| PFD DIUS | 347 ． | 347 ． | 347 。 | 347 ． | 347 • | 347 ． |
| C OM DIVS | 590. | 590. | 590. | 590. | 590 。 | 590. |
| AVAIL FDS | 6894. | 6918. | 7998. | 9078. | 10158 ． | 11238. |

TABLE 8

PROFORIA STATEMENTS FOK CIRCLE K CORFORATION

|  | ACTUALS | PROF Ofima |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ＊＊ASSETS＊＊ | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 |
| CASH | 3696 － | 19223 • | $21704^{\circ}$ | 24185. | 26666. | 29147 ． |
| A／R | 3025. | 3524. | 4000. | 4476. | 4952. | 5429. |
| 1 NUENTORY | 19209 • | 22517. | 25560. | 28603. | 31646. | 34689. |
| NET F／A | 20965. | 25000. | 29000. | 33000 • | 37000 ． | 41000 ． |
| OTH ASTS | 3736 • | 3736 • | 3736 • | 3730 － | $3736{ }^{\circ}$ | 3736. |
| total | 50631. | 74000． | 84000 － | 94000 ． | 104000． | 114000 ． |
| ＊LIAAB \＆EQTY＊＊ |  |  |  |  |  |  |
| NOTES PAY | 1400 － | 1400. | $1400 \cdot$ | $1400 \cdot$ | $1400 \cdot$ | $1400 \cdot$ |
| AP \＆ACC | 9597 － | 11055 | 12549 • | 14042 ． | 15536. | 17030. |
| C UR MATS | 75. | 0. | 0. | 0 。 | 0. | 0. |
| L／T DEBT | 13937 ． | 13937. | 13937 • | 13937 • | 13937 • | 13937. |
| OTH CAPTL | －5731． | －5731． | －5731． | －5731． | －5731． | －5731． |
| OMM EQTY | 31353. | 36979 ． | 43542. | 51040 ． | 5テ47ァ． | －¢ 45 － |
| （ DEF（FXC） | 0. | 16360. | 18こ04． | ：93：$\cdot$ | $1 \% 353$. | iósis． |
| TOTAL | 50631. | 74000 － | 84000 － | 94000 － | 104000 － | 114000 － |
| －DEFICIT MEANS ASSETS＞THAN LiABS． EXCESS MEANS ASSETS＜THAN LIABS． |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| ＊＊INCOME STATEMENT |  |  |  |  |  |  |
| Revfnues | 191640. | $222000 \cdot$ | 252000. | 282000. | 312000. | 342000. |
| C G S | 136836 • | 157620. | 178920. | 200220. | 221520. | 242826. |
| CPER EXP | 43992. | 51060 ． | 57960 。 | 64860. | 71760 ． | 78660. |
| 0 THER Y／E | 59. | 59. | 59. | 59. | 59. | 59. |
| INTEREST | 710. | 707． | 707. | 707. | 707. | 707. |
| TAXES | 4180 ． | 6333. | 7197. | 8061. | 8925. | 9789 － |
| NET PROFIT | 6516. | 6874. | 7810. | 8746 | 9682. | 10618. |
| DEPR | 2551. | 3000 ． | 3500 － | 4000 ． | 4500. | 5000. |
| PFD DIUS | 0 ． | 0 ． | 0 － | 0. | 0 ． | 0 ． |
| C OM DIUS | 1248 － | 1248 － | 1248 － | 1248 • | 1248 － | 1248 ． |
| AVAIL FDS | 7819. | 8626. | 10062 ． | 11498 ． | 12934. | 14370 ． |

## APPENDIX 9

QUESTIONNAIRE


# THECIRCLEK CORPORATION <br> CONVENIENCE FOOD STORES 

815 10TH AVENUE N.W.
P.O. BOX 2248

GREAT FALLS, MONTANA 59404
TELEPHONE (406 ) 761-4452

## Dear. Customer:

You have been selected to participate in a survey of the Circle K Corporation.

Will you cooperate by completing the attached questionnaire and returning it on your next visit to the Circle $K$ store?

The results of this survey will help the Circle K Corporation in determinging future policies and programs to serve our customers better.

Your cooperation is greatly appreciated.
Sincerely yours,
CIRCLE K CORPORATION

These questions, which should only take a minute or two to answer, are designed to tell us how we can serve you better. For that reason, it is important that you answer all questions completely and frankly and that you return the completed questionnaire as soon as possible.

1. How many days per week do you shop at a Circle K store?
$\qquad$
2. Approximately how much money do you spend on items when you shop at Circle K?
3. Do you purchase gasoline at Circle $K$ one or more times per month? $\qquad$
4. Please check all of those goods and services which can be found at a Circle $K$ store.

Convenience Ice Magazines Greeting Cards Fresh fruits and vegetables Hunting ammunition Money orders Cashing of travelers checks Gasoline and oil Sandwiches
5. In your opinion, what are the most useful Circle K goods and services? Circle the number which expresses your opinion of each of the following. (Circle only one rating on each line.)

| Very |  |
| :--- | :--- |
| Useful | No |
| Useless | Opinion |

Convenience

| 6 | 5 | 4 | 3 | 2 | 1 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| 6 | 5 | 4 | 3 | 2 | 1 |
| 6 | 5 | 4 | 3 | 2 | 1 |
| 6 | 5 | 4 | 3 | 2 | 1 |
| 6 | 5 | 4 | 3 | 2 | 1 |
| 6 | 5 | 4 | 3 | 2 | 1 |
| 6 | 5 | 4 | 3 | 2 | 1 |
| 6 | 5 | 4 | 3 | 2 | 1 |
| 6 | 5 | 4 | 3 | 2 | 1 |
| 6 | 5 | 4 | 3 | 2 | 1 |
| 6 | 5 | 4 | 3 | 2 | 1 |

6. Flease rate each of the following aspects of the Circle $K$ store.

Location of store Attractiveness of store Cleanliness of store Efficiency of store clerk Courtesy of store clerk Selection of grocery items Hours of operation Type and quality of advertising

| Unsatis- <br> factory |  |  |  |  | Satis- <br> factory | No <br> Opini |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| 6 | 5 | 4 | 3 | 2 | 1 | 0 |
| 6 | 5 | 4 | 3 | 2 | 1 | 0 |

7. Are there any other goods or services you would like to see offered by your Circle $K$ store? Flease add any comments you would like to make. $\qquad$

Thank you for your cooperation.

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