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1st Quarter, Fiscal Year 1994

**"POST WATERFLOOD CO₂ MISCIBLE FLOOD
IN LIGHT OIL, FLUVIAL-DOMINATED
DELTAIC RESERVOIR"**

DE-FC22-93BC14960

Texaco Exploration and Production Inc.

January 15, 1994

Award Date
June 1, 1993

Completion Date
December 31, 1997

ear

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Reporting Period: October 1, 1993 – December 31, 1993

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**"POST WATERFLOOD CO₂ MISCIBLE FLOOD IN LIGHT OIL FLUVIAL
DOMINATED DELTAIC RESERVOIR"**
DE-FC22-93BC14960

Technical Progress Report
1st Quarter, 1994

Executive Summary

Production from the Port Neches CO₂ project was initiated on December 6, 1993 after having been shut-in since the start of CO₂ injection on September 22, 1993 to allow reservoir pressure to build. Rates were established at 236 barrels of oil per day (BOPD) from two wells in the 235 acre waterflood project area, which before project initiation had produced only 80 BOPD from the entire area. These wells are flowing large amounts of fluid due to the high reservoir pressure and their oil percentages are increasing as a result of the CO₂ contacting the residual oil. One well, the H. J. Kuhn No. 15-R is flowing 217 BOPD, 1139 BWPD, and 2500 MCFPD of CO₂ at a flowing tubing pressure (FTP) of 890 psi. The other producing well, the H. J. Kuhn No. 33, is currently flowing 19 BOPD, 614 BWPD, and 15 MCFPD at a FTP of 400 psi. Unexpectedly high rates of CO₂ production are being made from Well No. 15-R and from the W. H. Stark "B" No. 8. This No. 8 well produced 7 BOPD, 697 BWPD, and 15 MCFPD prior to being shut-in during September to allow for the reservoir pressure to build by injecting CO₂, but when opened on December 6, the well flowed dry CO₂ at a rate of 400 MCFPD for a two day test period. More sustained production tests will be obtained after all wells are tied into the new production facility.

Many difficulties occurred in the drilling of the horizontal CO₂ injection well but a successful completion across 250' of sand has finally been accomplished. A formation dip of 11-14 degrees in the area where the well was being drilled made the proposed 1500' horizontal sand section too difficult to accomplish. The shale section directly above the sand caused sticking problems on two separate occasions resulting in two sidetracks of the well around stuck pipe. The well will be tied into the facility and CO₂ injection into the well will begin before February 1, 1994.

During 1994 technology transfer of the project will continue in the form of technical paper presentations and topical reports. During the SPE/DOE Improved Oil Recovery conference in April, Texaco will present two papers concerning the work performed during this project. Reservoir characterization and project design methods will be discussed in one paper while the CO₂ screening model development will be addressed in another. This screening model will also be released during 1994, thus making available to industry a very useful CO₂ design program. A topical report discussing the environmental regulations and constraints of these type of projects will also be completed during 1994.

Objectives

The objectives of the 1st Quarter, 1994 as stated in the previous quarterly report and their status are as follows:

(1) Complete reservoir model, incorporating the following items:

- Relative permeability curves obtained from conventional core analysis.
- Improved geological interpretation where center fault controls contours and fluid flow in reservoir.
- Permeability grid developed by Geostatistics program.
- Water Alternating Gas (WAG) scenarios.

The new relative permeability curves were incorporated into the reservoir model and runs were made to determine the effects of a higher residual oil saturation. The geologic grid utilizing the central fault was built and contours were redrawn for the waterflooded fault block, however the new grid has not yet been incorporated into the model. Preliminary work using Texaco's geostatistics program Gridstat failed to yield favorable approximations of permeability data due to binary data being used in a program which uses averaging methods. Reservoir simulation runs evaluating the WAG process were made during the quarter, resulting in approval by Texaco management of a modified water-alternating-gas injection approach. Water injection into the Kuhn #17 during the first three years of the project will allow for higher withdrawal rates to be obtained from wells in the northern portion of the reservoir where pure CO₂ is being injected. The results of this work will be described in depth in an SPE paper currently being written for the SPE/DOE Improved Oil Recovery Forum to be held in April.

(2) Raise reservoir pressure with CO₂ and/or water to 3400 psia.

The reservoir pressure has been raised to 3335 psia, 25 psia above the minimum miscibility pressure of 3310 psia.

(3) Initiate production testing of wells as soon as pressure is raised to acceptable levels.

Production was initiated from the project on December 6, 1993 from the H. J. Kuhn No. 15-R, 33, and 38, and the W. H. Stark "B" No. 8.

(4) Drill horizontal CO₂ injection well and initiate CO₂ injection.

The Port Neches (Marg. Area 1) Well No. 1-H horizontal CO₂ injection well has been drilled to a measured depth of 6902',

true vertical depth of 5958', and is currently being completed across a 250' horizontal sand section. CO₂ injection should begin by February 1, 1994.

- (5) Develop hard data results of LSU study of FDD reservoirs and provide in quarterly.

A meeting was held with LSU on December 2, 1993 to discuss the progress of the project. Information developed and future work requirements are provided in this report.

- (6) Receive DOE approval to delay workover on Polk "B" No. 2 workover.

A letter was mailed to Mr. Chandra Nautiyal of BPO on December 9, 1993 requesting a revision of the statement of work. Texaco was informed that final approval for revisions would be handled by Mr. John Augustine of PETC. On January 7, 1994 a letter was mailed to Mr. John Augustine. The removal of this workover from the statement of work is necessary due to the limited benefits this well will serve in the project.

Discussion of Results - Phase II (Field Implementation)

CO₂ injection continued during DOE's first quarter of fiscal year 1994 at an average rate of 4.3 MMCPD into the Port Neches (Marg. Area 1) project area. This injection volume was distributed to Well No's 7, 10, 17, and 36 (see Figure 1) as wellhead pressures allowed. To accelerate the reservoir pressure buildup, CO₂ injection was discontinued in the number 17 well during November and water was injected at a rate of 2000 BWPD. This increased injection reduced the amount of time necessary for the reservoir to achieve its minimum miscibility pressure of 3310 psia, thus allowing for the producing wells to be opened one month sooner. As shown in Figure 2, by continuing the injection of water into this well for the first three years of the project, accelerated oil recovery can be achieved while maintaining reservoir pressure. CO₂ must then be injected into the well to recover the surrounding oil reserves. The early tests of the producing wells suggest that CO₂ may be injected into the No. 17 well much sooner due the higher CO₂ volumes available.

Early production tests from the project are somewhat alarming in that CO₂ breakthrough has already taken place in the producing wells. The Stark "B" No. 8 was shut-in during September, 1993 while making 7 BOPD, 697 BWPD, and 15 MCFPD to allow for the reservoir pressure to be increased above the minimum miscibility pressure. When opened on December 6, 1993, the well flowed dry CO₂ at a rate of 400 MCFPD for a two day period before being shut-in. With this well being high on the structure, it was felt that a small gas cap of CO₂ had been formed on top of the structure. A most recent test of 217 BOPD, 1139 BWPD, and 2500 MCFPD of CO₂ on the H. J. Kuhn No. 15-R indicates however, that

CO₂ is breaking through very rapidly to the producing wells, and that CO₂ injection must be redistributed among the injection wells in a more appropriate manner. Injection of CO₂ into the Stark "B" No. 7 and Kuhn No. 36 will now be reduced to allow for a reduction in CO₂ production volumes and the injection will be concentrated in the horizontal injector, the Stark "B" No. 10 and the H. J. Kuhn No. 17.

With the drilling of the horizontal CO₂ injection well for the project, many problems surfaced which added to the overexpenditure of the project, but a successful completion was finally made across 250' of the sand. An aggressive build rate near the bottom of the intermediate hole prevented the 9-5/8" casing from being set in the top of the sand. As the shale section directly above the sand became unstable, drilling assemblies were stuck in the openhole on two separate occasions, thus causing the well to be sidetracked twice. On this last attempt a 7" liner was run in the well to isolate the shale section, thus allowing for a completion to be made. (See Figure 3)

Recognized at the start of the project as being a difficult task, the ability to keep the drilling confined within a 20' sand interval in a steeply dipping reservoir limited the amount of horizontal section drilled. The initial penetration of the sand encountered approximately 100' of sand prior to drilling out into the shale section. After completion attempts failed by the sticking of a hole opener in the openhole, a sidetrack was drilled into 134' of the sand. Once this 134' of sand was cut however, the shale section above the sand collapsed and the drilling assembly containing \$450,000 worth of logging tools was stuck. Attempts to free the assembly were unsuccessful and a second sidetrack attempt was made. It was on this final attempt that a protective string of casing was run to isolate the shale section. An increase in mud weight from 10.5 ppg to 13.5 ppg allowed the hole to remain open long enough for the running of this 7" liner. With the problems previously encountered, the decision was made by Texaco management to drill only 250' of sand on the final attempt if possible, thus limiting the risk of sticking the pipe.

Lessons learned from this horizontal well project are:

- (1) Make every attempt to set protective string of casing at top of sand prior to drilling horizontally.
- (2) If shale sections are exposed in a 90 degree portion of the hole, consider the use of a higher mud weight to prevent hole instability problems.
- (3) Insure that geology is well understood prior to attempting a horizontal well in a thin, steeply dipping formation.

Figure 4 shows the true vertical depth paths taken by the original hole, sidetrack #1, and sidetrack #2 penetrations of the sand. The information gained from the first two attempts was useful on the final attempt in keeping the well in the sand. Figures 5, 6, and 7 are copies of the openhole logs run while drilling the section. The final log is a gamma ray and penetration rate log only due to the smaller hole which was drilled after the 7" liner was set.

Discussion of Results - Phase III (Technology Transfer)

Aside from the CO₂ screening model which has been developed by Texaco's research center staff and will be released during 1994, technology transfer work for the project is being conducted by Louisiana State University (LSU) and Science Applications International Corporation (SAIC). LSU has begun gathering information concerning the location of CO₂ sources which can be used to implement other projects similar to Port Neches and is utilizing the Louisiana Office of Conservation's database to assemble production and reservoir data for fluvial-dominated deltaic reservoirs in Louisiana. This information will be placed upon area maps to determine the proximity of the fields to the CO₂ sources. Texaco's CO₂ screening criteria have been provided to LSU to assist them in their development of tables which will estimate CO₂ recoverable reserves for each field, thus allowing oil producers the opportunity of evaluating CO₂ flooding prior to the abandonment of fields. Attached as part of this report is a description of the database being developed by LSU.

SAIC will begin work during 1994 in the development of a topical report which addresses the environmental regulations and constraints which occurred during the implementation phase of the Port Neches CO₂ project. This report can be used as a reference by other operators who wish to conduct a similar type project.

2nd Quarter, 1994 Objectives

During DOE's 2nd quarter of fiscal year 1994, Texaco will set forth the following project objectives:

- (1) Improve reservoir model by incorporating new grid and provide results in next quarterly.
- (2) Complete SPE papers for SPE/DOE Improved Oil Recovery Conference and include draft copies in next quarterly.
- (3) Establish CO₂ injection into horizontal well and production from remaining producers.
- (4) Modify CO₂ injection patterns to allow for optimum CO₂ utilization. Incorporate a standard water alternating gas injection process if necessary.

PORT NECHES FIELD

ORANGE COUNTY, TX

CO2 PROJECT AREA

FIGURE 1

Port Neches CO2 Project

Advantages of Water Injection

CUM OIL (MBO)

FIGURE 2

PORT NECHES (MARG. AREA 1) NO. 1-H ORANGE COUNTY, TEXAS

Eastern E&P Region

Onshore Producing Division

FIGURE 3

8

FIGURE 4

Port Neches (Marg. Area 1) No. 1 - H
Dual Induction Log

Original Hole

FIGURE 5

Port Neches (Marg. Area 1) No. 1 - H Dual Induction Log

Sidetrack #1

FIGURE 6

GAMMA RAY (API)150.00			RESISTIVITY ATTENUATION DEEP 0.20(OHM-M)20.00			CONDUCTIVITY ATTENUATION DEEP 4000.00(MMHO-M)0.00		
ISS GAMMA RAY (API)150.00			RESISTIVITY PHASE SHALLOW 0.20(OHM-M)20.00			8000.00BACKUP4000.00		
RATE OF PENETRATION * 5 00(FT/HR)0.00			BIT RESISTIVITY 0.20(OHM-M)20.00					
DEVIATION (DEG)100.00			HORIZONTAL RESISTIVITY 0.20(OHM-M)20.00					

Port Neches (Marg. Area 1) No. 1-H
Gamma Ray Log

Sidetrack #2
(Well Completion Interval)

FIGURE 7

U.S. DEPARTMENT OF ENERGY
SUMMARY REPORT

1. IDENTIFICATION NUMBER DE-FC22-93BC14960		2. PROGRAM/PROJECT TITLE CLASS I / Post WATERFLOOD		3. REPORTING PERIOD 10-1-93 to 12-31-93												
4. PARTICIPANT NAME AND ADDRESS TEXACO EXPLORATION AND PRODUCTION, INC. 400 Poydras St. NEW ORLEANS, LA 70130				5. START DATE: 6-1-93												
				6. COMPLETION DATE 12-31-97												
7. FY 94	8. MONTHS	O N D J F M A M J J A S O N D														
9. COST STATUS																
a. \$ Expressed in: MILLIONS																
b. Budget and Reporting No. AC1510100																
c. Cost Plan Date 6-23-93																
d. Actual Costs Prior Years \$11,217																
e. Planned Costs Prior Years \$10,149																
f. Total Estimated Cost for Contract \$646																
g. Total Contract Value \$5407																
h. Estimated Subsequent Reporting Period \$1,834																
Accrued Costs																
g. Planned		352	280	209	206	210	230	256	255	706	704	277	248	630	630	214
h. Actual		634	607	593												
i. Variance		(282)	(327)	(384)												
j. Cumulative Variance		(1719)	(2046)	(2430)												
10. LABOR STATUS																
a. Labor Expressed in: THOUSANDS																
b. Labor Plan Date: N/A DIRECT LABOR																
c. Planned Labor Prior Fiscal Years \$290																
d. Actual Labor Prior Fiscal Years \$308																
e. Total Estimated Labor for Contract \$1,275																
f. Total Contract Labor N/A																
LEGEND Planned: - - - - - Actual: _____ Projected:																
Labor																
g. Planned		30	30	25	25	20	20	15	15	15	15	15	15	15	15	15
h. Actual		25	27	20												
i. Variance		5	3	5												
j. Cumulative Variance		13	10	5												
11. MILESTONES		STATUS														
a. Drill Horizontal Well																
b.																
c.																
d.																
e.																
f.																
g.																
12. SIGNATURE OF PARTICIPANT'S PROJECT MANAGER AND DATE																
Danell Davis		1/15/94														

U.S. DEPARTMENT OF ENERGY
MILESTONE SCHEDULE [ ] PLAN [X] STATUS REPORT

DOE F1332.3
(11-84)

FORM APPROVED
OMB NO. 1901-1400

1. TITLE Post Waterflood CO2 Miscible Flood in a Light Oil Fluvial Dominated Deltaic Reservoir													2. REPORTING PERIOD Oct. 1, 1993 - Dec 31, 1993				3. IDENTIFICATION NUMBER DE-FC22-93BC14960												
4. PARTICIPANT NAME AND ADDRESS Texaco Exploration and Production Inc. 400 Poydras St. New Orleans, LA 70130													5. START DATE June 1, 1993																
													6. COMPLETION DATE December 31, 1997																
7. ELEMENT CODE	8. REPORTING ELEMENT	9. DURATION												CURRENT FISCAL YEAR 1993				FY 1994				FY 1995				FY 1996	FY 1997	10. PERCENT COMPLETE	
		Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q			a. Plan	b. Actual				
1.1	Geologic & Engineering	▲																								100%	100%		
1.2	Extraction Technology	▲																								100%	100%		
2.1	Recording Daily Production										▲															20%	20%		
2.2	Reservoir Characterization										▲															45%	45%		
2.3	Site Operation & Field Work																									80%	80%		
2.4	CO2																									30%	30%		
2.5	EH&S Monitoring & Compliance																									40%	40%		
3.1	CO2 Screening Model																									65%	65%		
3.2	Environmental Analysis																									5%	5%		
3.3	FDD Database & Model																									10%	10%		
3.4	Technical Publications																									10%	10%		
11. SIGNATURE OF PARTICIPANT'S PROJECT MANAGER AND DATE <i>Donell Davis</i> 1/15/94																													

U.S. DEPARTMENT OF ENERGY
MILESTONE SCHEDULE [ ] PLAN [X] SCHEDULE
(ATTACHMENT)

DOE F1332.3 ATTACHMENT
(11-84)

1. TITLE Post Waterflood CO2 Miscible Flood in a Light Oil Fluvial Dominated Deltaic Reservoir		2. REPORTING PERIOD Oct. 1, 1993 – Dec. 31, 1993	3. IDENTIFICATION NUMBER DE-FC22-93BC14960
4. PARTICIPANT NAME AND ADDRESS Texaco Exploration and Production Inc. 400 Poydras St. New Orleans, LA 70130		5. START DATE June 1, 1993	
		6. COMPLETION DATE December 31, 1997	

MAJOR EVENTS	DATE	DESCRIPTION	STATUS
1	10/15/92	TASK 1.1 – GEOLOGICAL RESERVOIR DESCRIPTION AND LAB TESTS	COMPLETED
2	10/15/92	TASK 1.2 – PHASE 1 RESERVOIR SIMULATION	COMPLETED
3	08/01/93	TASK 2.1 – RECEIVE DOE APPROVAL TO INJECT CO2	COMPLETED
4	08/01/93	TASK 2.2 – RESERVOIR PRESSURE IS RAISED TO 2700 PSI BY WATER INJECTION	COMPLETED
5	08/15/93	TASK 2.3 – CO2 INJECTION AND PRODUCTION FACILITY IS COMPLETED	COMPLETED
6	08/15/93	TASK 2.4 – CO2 PIPELINE IS INSTALLED	COMPLETED
7	08/15/93	TASK 2.5 – NEPA CATEGORICAL EXCLUSION IS RECEIVED	COMPLETED
8	12/31/95	TASK 3.1 – SPE PAPER AND RELEASE OF CO2 SCREENING MODEL	WORK 65% COMPLETE
9	12/31/94	TASK 3.2 – TOPICAL REPORT ON ENVIRONMENTAL CONSTRAINTS	PROJECT INITIATED – 5% COMPLETE
10	12/31/95	TASK 3.3 – TOPICAL REPORT ON FDD DATABASE	PROJECT 10% COMPLETE
11	12/31/97	TASK 3.4 – SPE PAPER ON RESERVOIR CHARACTERIZATION	SPE PAPER WILL BE PRESENTED IN APRIL, 1994

INTERMEDIATE EVENTS	DATE	DESCRIPTION	STATUS
A	12/31/97	TASK 2.1 – FINAL PROJECT REPORT	TO BE COMPLETED DURING 1997
B	12/31/93	TASK 2.2 – UPDATED RESERVOIR MODEL COMPLETED	FINAL RESULTS TARGET DATE 3/31/94
C	12/01/94	TASK 2.2 – CONVENTIONAL CORE ANALYZED IN POLK "B" #39 WELL	TO BE PERFORMED DURING 1994
D	04/30/93	TASK 2.3 – 10 WELL WORKOVER PROGRAM COMPLETED	COMPLETED
E	10/01/93	TASK 2.3 – HORIZONTAL CO2 INJECTION WELL DRILLED, POLK "B" #2 W/O PERFORMED	HORIZ. WELL COMPLETE, POLK "B" W/O CANCELLED
F	12/01/94	TASK 2.3 – VERTICAL CO2 INJECTION WELL DRILLED (POLK "B" #39)	TO BE DRILLED DURING 1994
G	06/10/93	TASK 2.5 – PERMIT FOR CO2 PIPELINE RECEIVED FROM ARMY CORPS OF ENGINEERS	COMPLETED
H	06/30/93	TASK 2.5 – HAZARDOUS SUBSTANCE PLAN SUBMITTED TO DOE	COMPLETED
I	12/31/97	TASK 2.5 – FINAL HAZARDOUS SUBSTANCE PLAN SUBMITTED TO DOE	TO BE COMPLETED DURING 1997
J	12/31/94	TASK 3.1 – CO2 SCREENING MODEL FINAL REPORT SUBMITTED TO DOE	PAPER AND MODEL TO BE PRESENTED IN APRIL, 1994
K	12/31/94	TASK 3.3 – FDD DATABASE STUDY IS COMPLETED BY LSU	LSU WORK WILL BE COMPLETED IN SPRING, 1995

11. SIGNATURE OF PARTICIPANT'S PROJECT MANAGER AND DATE <i>Samuel Davis</i> <i>1/15/94</i>	

Progress Report for
TEXACO Post Waterflood CO₂ Miscible Flood in Light
Oil Fluvial Dominated Deltaic Reservoir

Database Work
by Bill Koederitz, 12-1-93

"TEXACO" DBase Database Files

The LSU "TEXACO" database files, in DBase/Oil Atlas format, have been reviewed. These files contain 11 fields and 25 reservoirs; a list of these is attached. A comparison is included between the LSU Oil Atlas format and the data contained in these files. In general, the TEXACO database files contain production data (oil and water, not gas), test data (oil and water, not gas), completion data and well locations. LSU has added the scanned images of the structure and isopach maps and type logs.

The following is a summary of the data list titled "Important Parameters Which Must Be Developed in Database" (8-12-93 notes, p.2) and which are available in the existing DBase files:

- 1) Cumulative oil, water and gas production by field: gas not available, others can be calculated
- 2) Current oil, water and gas production rate of field: gas not available, others can be calculated
- 3,4,5) Average depth, API gravity, oil viscosity of field: no data stored for reservoirs
- 6) Cumulative oil, water and gas production by reservoir: gas not available, others available
- 7) Current oil, water and gas production rate by reservoir: gas not available, others available
- 8,9,10) Average depth, API gravity, oil viscosity by reservoir: no data stored
- 11,12,13,14,15,16) Reservoir temperature, initial and final reservoir pressure, knowledge of previous EOR project, water or other product injection volumes, reservoir dip, original oil-in-place: not stored in database
- 17) CO₂ source availability: addressed in update by Clay Kimbrell

LSU Oil Atlas

The original oil atlas was written in DBFast with DBase file structures; DBase4 was used to add and maintain data. While this demonstrated the concept, there were considerable limitations due to the use of DBFast.

The oil atlas is being re-written in C++, Codebase4 and Zapp interface toolkit. This makes the oil atlas more flexible, faster, more reliable and easier to use. In addition, while it is currently being developed for Microsoft Windows, it should be portable to a wide variety of systems, including UNIX (X-Windows/Motif), OS/2 and Windows NT. Adding data to the database will probably be done using FoxPro for Windows. The

original DBase command files will be used unchanged, if needed, for converting production data from LUW code format to reservoir-based. The original database file structures have not been altered.

The sections of the new atlas which have been completed to date are the field/reservoir selection list and the display of structure and isopach maps and type logs. Some possible future uses of the atlas are:

- 1) as a data viewer for internal company use,
- 2) as a commercial product,
- 3) for educational purposes in petroleum engineering education (university and company applications possible).

Regarding the first two uses, a critical aspect is to keep the data current and accurate, and to convert, when needed, to a reservoir-based format. Since these processes can be very time-intensive, it is necessary to have some sort of automated system, or to have the data already available in the right format (such as in a company database).

TEXACO Database Files
Fields and Reservoirs Included

Bay St. Elaine:
BSE 13600 RC & C 1 SU

Caillou Tsland:
CI 9400 RBB1C SU
CI 9800 RB SU
CI U 8000 RA SU
CI L 8000 RB SU

W.Cote Blanche Bay:
WCBB U 8 R GR SU

Delta Duck Club:
DDC L 6300 RB SU
DDC L 6300 RA SU

Dog Lake:
DGL P RG2 SU
DGL CC RU SU
DGL 12-17 RU SU

Garden Island Bay:
GIB 248B RD1 SU
GIB G 1 RC 2 SU
GIB 189 RB VU
GIB F-2A RB-2 SU
GIB G-2 RH-4 SU

Lafitte:
LFT L ST DENNIS R041 SU

Lake Barre:
LB LM 1 SU
LB LM 2 SU
LB R-1 RG SU
LB UP MS RD SU

Lake Salvador:
LS 9650 RB SU

Leeville:
L 95 RB SU
L 96 RB SU

Plumb Bob:
PB 10300 RD SU

**POST WATERFLOODED CO2 MISCIBLE FLOOD IN LIGHT OIL FLUVIAL
DOMINATED DELTAIC RESERVOIR.
Screening Criteria Selection**

November 30, 1993

With the specific assignment, the first step was to find general screening criteria for CO2 Miscible Process. After that, to begin the search for specific information, from published literature. A review of the SPE Master Disc and recent SPE index was performed to find papers related to the topic. This search included not only specific field reports, but also related information as technical evaluation of some particular problems.

From an initial review of 293 papers dealing with CO2 Miscible Displacement, a selection of 52 was done by limiting them only to waterflooded sandstone reservoirs. After reading the summary of those papers, 18 specific field reports of pilot and fieldwide applications were obtained. In this moment those papers are in reviewing process, looking for the reservoir parameters of interest.

In addition, another 10 papers of general screening and process evaluation are also in reviewing, to wide the knowledge and experience collected in CO2 miscible process. It is important to point out that some fields do not have published information available. The environment of deposition will be obtained from DOE Toris database.

Based in a published summary of CO2 Miscible Projects in progress at 1992, a specific review and verification of published data is being conducted with the available papers from some of the fields that meet the most of the requirements of the project. The results until this moment are presented in a draft table appended to this report.

Next step will be to find the range for each parameter and then to compare them with general screening criteria to complete an approach for this particular project. It would be interesting to have access to the information of Texaco's projects in this topic (Paradis, etc).

Conservation., only one field, West Cote Blanche Bay, is near the Shell pipeline as shown in Table 2

TABLE 1
CO2 Projects Identified with Office of Conservation*

Texaco -	Lake Barre (LB UP MS RD SU) - 3/84
	West Cote Blanche Bay (W CBB 14 RBX SU) - 3/84
	Bayou Sale (BS St. Mary RDS SU) - 3/84
	Paradis (PAR Paradis RTSU) - 3/84
	Lafitte (LFT 8900 RMKA SU) - 5/84
	Paradis (PAR LWR 9000 RM SU) - 1/80
	Paradis (PAR 8 RA SU) - 1/80
	Paradis (PAR 9500 RC7 SJ) - 4/89
	Paradis (16 SD RAB-1) - 2/89
	Paradis (PAR PZ RU SU) - 5/90
	Paradis (PAR 10000 RU SU) - 5/90
ARCO -	Jeanerette (JEN Q RA VU) - 7/84
	Jeanerette (JEN UR RA VU) - 7/84
Shell -	White Castle (WC MW RA SU) - 3/86
	Weeks Island (R RA SU) - 9/86
	Weeks Island (S RA SU) - 9/86
Chevron -	Timbalier Bay (TB 4900 RBASU) - 1/87
	Quarantine Bay (QB 4 RC SU) - 8/81
	Timbalier Bay (TB S-2B RA SU) - 9/83
Hunt -	Olla (OL 2800 Wilcox RA SU) - 10/82

* - DNR EOR contact - Mr. Todd Keating 504-342-5540

TABLE 2

<u>Field</u>	<u>Parish</u>	<u>App. distance from Shell Pipeline</u>
Bay St. Elaine	Terrebonne	> 50 miles
Caillou Island	Terrebonne	> 50 miles
W. Cote Blanche Bay	St. Mary	app. 10 miles
Delta Duck Club	Plaquemines	> 50 miles
Dog Lake	Terrebonne	> 50 miles
Garden Island Bay	Plaquemines	> 50 miles
Lafitte	Jefferson	> 50 miles
Lake Barre	Terrebonne	> 50 miles
Lake Salvador	St. Charles/Lafourche	> 50 miles
Leeville	Lafourche	> 50 miles
Plumb Bob	St. Martin	< 50 miles

W. Clay Kimbrell
1293ud.co2

From	Addr	City	State	Zip	From	City	State	Zip	Fax	Dun_brad
ST PATRICK HOSPITAL	524 S RYAN	LAKE CHARLES	LA	706023401	PO BOX 3401	LAKE CHARLES	LA	706023401	8062	
GAYLORD CONTAINER CORP	4TH ST	BOGALUSA	LA	70427	PO BOX 1060	BOGALUSA	LA	70427	2621	148336977
GULF ENGINEERING CO-611 HILL STREET	611 HILL ST	JEFFERSON	LA	70121	PO BOX 10067	JEFFERSON	LA	70181	1796	007994486
GULF ENGINEERING CO-5901 RIVER ROAD	5901 RIVER RD	JEFFERSON	LA	70124	PO BOX 10067	JEFFERSON	LA	70181	1796	007994486
SHAW OXYGEN CO INC	2914 DESINRD ST	MONROE	LA	71201	2914 DESINRD ST	MONROE	LA	71201	5161	04347427
LA WELDING SUPPLY CO INC	19612 HWY 36	COVINGTON	LA	70433	194 PLANK RD	BATON ROUGE	LA	70433	5084	
LA WELDING SUPPLY CO INC	610 S RIVER RD	LULING	LA	70070	194 PLANK RD	BATON ROUGE	LA	70802	5084	
LINCOLN BIG THREE INC-WESTLAKE	1095 COLUMBIA SOUTHERN R	WESTLAKE	LA	70669	PO BOX 3274	BATON ROUGE	LA	70821	2813	037227196
LINCOLN BIG THREE INC-HARVEY	1132 MCARTHUR DR	HARVEY	LA	70058	PO BOX 3274	BATON ROUGE	LA	70821	5084	034199158
LINCOLN BIG THREE INC-ALEXANDRIA	1700 W MCARTHUR DR	ALEXANDRIA	LA	71301	PO BOX 3274	BATON ROUGE	LA	70821	5161	094186350
LINCOLN BIG THREE INC-SHREVEPORT	2134 KING HIGHWAY	SHREVEPORT	LA	71103	PO BOX 3274	BATON ROUGE	LA	70821	2813	156093767
SIEMCO-LAFAYETTE	3420 HWY 167 N	LAFAYETTE	LA	70507	PO DRAWER 90866	LAFAYETTE	LA	70509	4911	006946974
INTERNATIONAL PAPER-PINEVILLE MILL	300 WILLIAMS LAKE ROAD	PINEVILLE	LA	71360	PO BOX 5870	PINEVILLE	LA	713615870	2621	094187846
GEORGIA GULF CORP-PLAQUEMINE	HWY 405	PLAQUEMINE	LA	70765	PO BOX 629	PLAQUEMINE	LA	70765	2800	107194730
LINCOLN BIG THREE INC-MORGAN CITY	015 HWY 90 E	MORGAN CITY	LA	70380	PO BOX 3274	BATON ROUGE	LA	70821	5084	034199158
LINCOLN BIG THREE INC-NEW ORLEANS-T	1461 TCHOUPITOULAS ST	NEW ORLEANS	LA	70130	PO BOX 3274	BATON ROUGE	LA	70821	5084	034199158
WELDING SUPPLY HOUSE INC	1300 SURREY ST	LAFAYETTE	LA	70501	1300 SURREY ST	LAFAYETTE	LA	70501	5084	034296012
RAYOU STEEL CORPORATION	RIVER RD PO BOX 5000	LAPLACE	LA	70069	PO BOX 5000	LAPLACE	LA	70069	3312	092602129
TEMPLETON TEMPLET WELDING SUPPLY	2170 RIVERSIDE N	BATON ROUGE	LA	70802	2170 RIVERSIDE N	BATON ROUGE	LA	70802	5084	09172937
INTERNATIONAL PAPER-BASTROP	705 COLLIER LANE	BASTROP	LA	71220	PO BOX 312	BASTROP	LA	712200312	2621	008167819
BATON ROUGE GENERAL MEDICAL CENTE	600 FLORIDA BLVD	BATON ROUGE	LA	70806	5750 CORPORATE BLVD	BATON ROUGE	LA	70808	0806	
AIR PRODUCTS-NEW ORLEANS	14700 INTRACASTAL DR	NEW ORLEANS	LA	70129	14700 INTRACASTAL DR	NEW ORLEANS	LA	70129	2813	041222365
TULANE UNIVERSITY HOSPITAL CLINIC	1415 TULANE AVE	NEW ORLEANS	LA	70112	1430 TULANE AVE	NEW ORLEANS	LA	70112	8221	
TULANE UNIVERSITY MEDICAL SCHOOL	1430 TULANE AVE	NEW ORLEANS	LA	70112	1430 TULANE AVE	NEW ORLEANS	LA	70112	8221	
TULANE UNIVERSITY ENVIRONMENTAL M	1700 PERDIDO ST	NEW ORLEANS	LA	70012	1430 TULANE AVE	NEW ORLEANS	LA	70112	8221	
KAISER ALUMINUM & CHEMICAL-ALUMIN	1111 AIRLINE HWY 61	GRAMERCY	LA	70052	PO BOX 117	GRAMERCY	LA	70052	2819	008182289
NABORS TRAILERS	W MOUTON ST	MANSFIELD	LA	71052	PO BOX 979	MANSFIELD	LA	71052	3715	008964603
MCDERMOTT INC-OFFSHORE WEST SHIPY	HWY 90	AMELIA	LA	70340	PO BOX 188	MORGAN CITY	LA	70381	3732	047758503
MCDERMOTT INC-NEW IBERIA YARD	PORT ROAD	NEW IBERIA	LA	70560	PO BOX 188	MORGAN CITY	LA	70381	3441	047758503
INC FERTILIZER INC-STERLINGTON PLAN	LA HWY 2	STERLINGTON	LA	712800626	PO BOX 626	STERLINGTON	LA	71280	2873	020597597
AGRICO CHEMICAL CO-UNCLE SAM PLAN	HWY 44 RIVER ROAD	UNCLE SAM	LA	70792	UNCLE SAM PLANT	UNCLE SAM	LA	70792	2874	155256233
SHELL CHEMICAL CO-GEISMAR	RIVER ROAD	GEISMAR	LA	70123	PO BOX 500	GEISMAR	LA	707340500	2869	096039672
SHELL CHEMICAL CO-TAFT PLANT	LA 18 AT LA 3142	TAFT	LA	70057	PO BOX 160	HAHNVILLE	LA	70057	2821	008090938
MONSANTO AGRICULTURAL COMPANY	RIVER RD HWY 18	LULING	LA	70070	PO BOX 174	LULING	LA	70070	2879	001700756
COPOLYMER RUBBER & CHEMICAL CO	HWY 1 SOUTH	ADDIS	LA	70710	PO BOX 845	ADDIS	LA	70710	2816	008182990
WARREN PETROLEUM CO-VENICE PLANT	THIEWATER RD	VENICE	LA	70091	PO DRAWER G	VENICE	LA	70091	1321	041514811
CAJUN ELECTRIC-BIG CAJUN 1 POWER PL	HWY 415 RIVER RD	NEW ROADS	LA	70760	PO BOX 15540	BATON ROUGE	LA	70895	4911	062631809
SHELL OIL CO-NORCO MNR 265 RIVER R	265 RIVER RD	NORCO	LA	70079	PO BOX 10	NORCO	LA	70079	2819	008090938
TK VALVE & MFG INC	HWY 51 SOUTH	HAMMOND	LA	70401	PO DRAWER 2948	HAMMOND	LA	70401	3416	052144813
IOP INC	HWY 538 N	SHREVEPORT	LA	71107	25 E ALGONQUIN	DES PLAINS	IL	60017	2819	035864305
MONROE AUTOMOTIVE	8156 W ANTOINE LOOP	SHREVEPORT	LA	71129	6700 JEFFERSON PAIGE 121	SHREVEPORT	LA	71119	7531	
INTERNATIONAL PAPER-MANSFIELD	HWY 509	MANSFIELD	LA	71052	PO BOX 999	MANSFIELD	LA	71052	2600	048393029
SANDERSON FARMS HAMMOND PROCESS	HWY 190 WEST	HAMMOND	LA	70404	PO BOX 1459	HAMMOND	LA	70404	2016	008172512
DOCTORS HOSPITAL	1130 LOUISIANA AVE	SHREVEPORT	LA	71101	1130 LOUISIANA AVE	SHREVEPORT	LA	71101	8062	
GENERAL ELECTRIC CO-SHREVEPORT TR	7000 HERT KOUNS IND LOOP	SHREVEPORT	LA	71129	7000 HERT KOUNS IND LOOP	SHREVEPORT	LA	71129	3612	172459695
ALL VEND INC	2654 AGRICULTURE ST	NEW ORLEANS	LA	70122	PO BOX 8398	NEW ORLEANS	LA	70122	5800	
HILPORT INC-PETERSON PURITAN INC	1100 MENGEL RD	BATON ROUGE	LA	70807	1100 MENGEL RD	BATON ROUGE	LA	70807	2879	982557530
WATERBURY CO INC	100 CALHOUN ST-PO BOX 64	INDEPENDENCE	LA	70443	PO BOX 640	INDEPENDENCE	LA	70443	2879	001165695
TRIAD CHEMICAL	9041 HWY 18 W	DONALDSONVILLE	LA	70346	PO BOX 310	DONALDSONVILLE	LA	70346	2873	049047038
BORDEN CHEMICALS AND PLASTICS	HWY 73	GEISMAR	LA	70734	PO BOX 427	GEISMAR	LA	70734	2869	426000092
CONTINENTAL DIVING SERVICE INC	HWY 90 W	PATTERSON	LA	70392	PO BOX 2484	MORGAN CITY	LA	70381	8980	046498291
CAROT CORP-CANAL PLANT	HWY 317	FRANKLIN	LA	70538	PO BOX 598	FRANKLIN	LA	70538	2895	008157653
MARATHON OIL COMPANY	AIRLINE HWY - P.O.BOX AC	GARYVILLE	LA	70051	P.O.BOX AC	GARYVILLE	LA	70051	2911	081997924
TRIPLE D WELDING SUPPLY	HWY 326	DERIDDER	LA	70634	PO BOX 1117	DERIDDER	LA	70634	5084	089745673
DOUSSAN INC-NEW ORLEANS	401 MARKET ST	NEW ORLEANS	LA	70130	PO BOX 52407	NEW ORLEANS	LA	70152	5161	008201493
LOUISIANA COCA COLA-THIBODAUX	1300 LYNN AVE	THIBODAUX	LA	70102	PO BOX 349	THIBODAUX	LA	70302	2086	
SHELL PIPE LINE CORP-ST HELENA PIPELI	PO BOX 6				PO BOX 63	ST JAMES	LA	70083	4619	007932593
SHELL PIPE LINE CORP-LIVINGSTON PIPE	PO BOX 6				PO BOX 63	ST JAMES	LA	70083	4619	007932593
SHELL PIPE LINE CORP-IBERVILLE PIPELI	PO BOX 6				PO BOX 63	ST JAMES	LA	70083	4619	007932593
LAFAYETTE GENERAL MEDICAL CENTER	1214 COOLEIDGE AVE	LAFAYETTE	LA	70503	1214 COOLEIDGE AVE	LAFAYETTE	LA	70503	8062	

SHEL PIPE LINE CORP-ST MARTIN PIPE L	PO BOX 6			PO BOX 64	NORCO	LA	70084	4619	007932593
GULF STATES UTILITIES-WILLOW GLEN ST	HWY 75			PO BOX 65	ST GABRIEL	LA	70776	4911	007924251
LP&L WATERFORD 1 & 2 GP	RIVER RD 8500 LA HWY 18	LA	70066	POB 61000 UNIT C-3205	NEW ORLEANS	LA	70161	4911	006947717
LP&L-STERLINGTON GENERATING PLANT	HWY 553 PO BOX 647			POB 61000 UNIT C-3205	NEW ORLEANS	LA	70161	4911	006947717
LP&L-JONESBORO POWER PLANT	CORNER HUDSON & 3RD			POB 61000 UNIT C-3205	NEW ORLEANS	LA	70161	4911	006947717
LP&L-WATERFORD 3 SES	LA 18 RIVER RD W BANK			PO BOX 60001 UNIT N-28	NEW ORLEANS	LA	70160	4911	006947717
LAFAYETTE COCA COLA BOTTLING CO INC	1314 ERASTE LANDRY RD			PO BOX 3521	LAFAYETTE	LA	70502	2089	
SOUTHERN TOOL CO INC	748 WELL RD			PO BOX 457	WEST MONROE	LA	71294	3559	008176901
SECURITY DIVISION DRESSER INDUSTRIES	101 SAMUEL DR			PO BOX 1146	EUNICE	LA	70535	3533	007348295
CRYSTAL OIL CO-VERNON FIELD-(12 WEL	15 MILES RUSTO			PO BOX 21101	SHREVEPORT	LA	71120	1330	710081842
TEXACO-FLOODWAY GAS PROCESSING PL	4 MI SW BERWICK			PO BOX 1650 REHHS	TULSA	OK	74102	1321	056523640
TEXACO-HENRY GAS PROCESSING PLANT	5 MILES OF ERATH ON P-2-9			PO BOX 1650 REHHS	TULSA	OK	74102	1321	062639596
TEXACO-RODEMACHIER POWER STA #3612	5 MILES ERATH ON P-2-9			PO BOX 1650 REHHS	TULSA	OK	74102	1321	062639596
CONOCO INC-LAKE CHARLES REFINERY	275 RODEMACHIER RD			PO BOX 5000	PINEVILLE	LA	713615000	4911	006948178
DOW CHEMICAL USA-LOUISIANA DIVISIO	OLD SPANISH TRAIL			PO BOX 37	WESTLAKE	LA	70669	2911	008427692
LOUISIANA COCA COLA-NEW ORLEANS	PO BOX 150			CORPORATE HEADQUARTERS	MIDLAND	MI	48647	2869	001381581
LOUISIANA COCA COLA-GRETNA	1050 S JEFFERSON DAVIS P			PO BOX 50400	NEW ORLEANS	LA	70150	2086	008187494
AVONDALE INDUSTRIES INC-SHIPYARD DI	1000 BURMASTER			PO BOX 50400	NEW ORLEANS	LA	70510	2086	008187494
RIVIANA FOODS INC	5100 RIVER RD			PO BOX 50280 #42	NEW ORLEANS	LA	701500280	3731	144620747
COLUMBIAN CHEMICALS CO	RAILROAD & WASHINGTON			PO BOX 278	ARREVILLE	LA	70510	2096	147160956
INDUSTRIAL GAS PRODUCTS INC	HWY 317			PO BOX 1149	FRANKLIN	LA	70538	2895	098314842
GREENE WELDING SUPPLY INC-SHREVEPO	408 FORTSON ST			PO BOX 1225	MONROE	LA	71201	5169	
WEST JEFFERSON MEDICAL CENTER	409 FORTSON ST			PO BOX 1816	SHREVEPORT	LA	71107	5999	
COCA COLA BOTTLING CO OF SHREVEPOR	1101 AVE D			MARRERO	MARRERO	LA	70072	8062	
LSU	305 STONER AVE			SHREVEPORT	ATLANTA	GA	30339	2086	008050395
DATA CHEM INC	P201 PLEASANT HALL			E204 PLEASANT HALL	BATON ROUGE	LA	70803	8200	
QUACHITA COCA COLA BOTTLING CO INC	534 W TENTH AVE			PO DRAWER 1840	LAPLACE	LA	70069	2084	064676919
CONOCO INC-GILLIS GAS PROCESSING PLA	1300 HWY 165 BYPASS & 120			PO BOX 1571	MONROE	LA	71210	2086	008184632
NEW ORLEANS SEWERAGE-MACHINE SH	LUKE POWERS RD			PO BOX 2197 HU 3034	HOUSTON	TX	77252	1321	
LSU MEDICAL CENTER	8801 SPRUCE ST			8801 SPRUCE ST	NEW ORLEANS	LA	70118	4941	075047787
RIVERSIDE MEDICAL CENTER	1504 KINGS HWY			PO BOX 33932	SHREVEPORT	LA	71130	8221	
RICHLAND PARISH HOSPITAL	S MAIN PO BOX 528			PO BOX 528	FRANKLINTON	LA	70438	8062	
DICKSON WELDING INC	GREY RD BOX 388			BOX 388	RAYVILLE	LA	71269	8062	069747567
ELLIOTT INDUSTRIES INC	4001 STATE HWY 406			PO BOX 639	BELLE CHASSE	LA	70037	3498	
TERREBONNE GENERAL MEDICAL CENTE	1509 HAMILTON RD			PO BOX 6388	BOSSIER CITY	LA	711716388	3613	041841664
WELDERS EQUIPMENT INC	936 E MAIN ST			PO BOX 6037	HOUMA	LA	70361	8062	117423277
NATCO	1201 W PARK AVE			641 HAROLD ST	EUNICE	LA	70535	5999	031647092
P&W INDUSTRIES INC	5315 CURTIS LANE			PO BOX 12978	NEW IBERIA	LA	705622978	3533	161523055
RICHARD WELDING EQUIPMENT INC	102 W 26TH AVE			PO BOX 509	COVINGTON	LA	70434	5093	042177832
SOUTHERN BAPTIST HOSPITAL	307 W PLAQUEMINE ST			PO BOX 960	JENNINGS	LA	70546	5084	
WELDERS EQUIPMENT INC	2700 NAPOLEON AVE			2700 NAPOLEON AVE	NEW ORLEANS	LA	70115	8221	
NORTHSHORE REGIONAL MED CTR	4013 C CAMERON ST			RT 2 BOX 314	SUNSET	LA	70584	5999	031647092
ETHYL CORP-TECHNICAL CENTER	100 MEDICAL CENTER DR			100 MEDICAL CENTER DR	SLIDELL	LA	70461	8062	
TWIN BROTHERS MARINE	8000 GRIFF AVE			PO BOX 14799	BATON ROUGE	LA	70898	2869	150185304
REARIS INDUSTRIES INC	PORT OF W HWY #83 S			PO BOX 2426	MORGAN CITY	LA	70381	3731	
AIRCO SPECIAL GASES-DIV OF BOV	501 BENTON KELLY			PO BOX 3115	SHREVEPORT	LA	71130	3443	147729966
VULCAN CHEMICALS CO	1075 CINCINCLARE DRIVE			1075 CINCINCLARE DR	PORT ALLEN	LA	70767	2813	030238547
CONAGRA BROILER CO-ARCADIA	ASHLAND RD			PO BOX 227	GEISMAR	LA	70734	2800	092681824
LAROCHE CHEMICALS INC-CHLORINE PLA	HWY 80 WEST			PO BOX 90	ARCADIA	LA	71001	2016	067027052
PIONEER CHLOR ALKALI CO INC	1134 JEFFERSON HWY			PO BOX 5500	GRAMERCY	LA	700525500	2812	190590034
FIRE SAFETY SALES & SERVICE INC	RIVER ROAD			PO BOX 23	ST GABRIEL	LA	70776	2812	
WINNSBORO BEVERAGE PACKERS	130 N RYAN ST			PO BOX 286	LAKE CHARLES	LA	70402	5087	
CONAGRA FOOD SERVICE CO	205 FAIR AVE			PO BOX 4627	LITTLE ROCK	AR	72203	2086	
ALLOY PIPING PRODUCT INC	7199 W INDUSTRIAL LOOP E			7199 W INDUSTRIAL LOOP E	SHREVEPORT	LA	71129	4222	067027052
CONRAD INDUSTRIES INCORP	740 N MARKET			740 N MARKET	SHREVEPORT	LA	71107	3498	
SOUTHLAND FIRE & SAFETY EQUIPMENT I	1501 FRONT ST			PO BOX 790	MORGAN CITY	LA	70381	3731	
ASHLAND CHEMICAL INC-ST JAMES PIPELINE	1918 S SOUTHLAND AVE			1918 S SOUTHLAND AVE	GONZALES	LA	70737	5099	
ARCADIAN CORP-LAKE CHARLES	PO BOX 716			PO BOX 716	PLAQUEMINE	LA	70764	2869	362046302
BRAUN WELDING SUPPLY INC-LAKE CHIA	PO BOX 716			PO BOX 1627	PLAQUEMINE	LA	70764	2869	362046302
	124 RYAN STREET			PO BOX 5 F	LAKE CHARLES	LA	70602	2873	115343097
					LAFAYETTE	LA	70505	5084	055016216

WELDERS EQUIPMENT CENTER OF MI	202 DEAKE ST	NEW IBERIA	LA	70560	PO BOX 9786	NEW IBERIA	LA	705629786	5084
NATIONAL WELDING SUPPLY-BAYOU VIE	HWY 182	RAYOU VISTA	LA	70580	PO BOX 9786	NEW IBERIA	LA	705629786	5084
NATIONAL WELDING SUPPLY-BAYOU VIE	2690 N ARDENWOOD	BAYOU VISTA	LA	70580	PO BOX 9786	NEW IBERIA	LA	705629786	5084
NATIONAL WELDING SUPPLY-NEW IBERIA	HWY 90 EAST	NEW IBERIA	LA	70560	PO BOX 9786	NEW IBERIA	LA	705629786	5084
CASTROL INC	1981 S WESTPORT DRIVE	PORT ALLEN	LA	70767	PO BOX 336	PORT ALLEN	LA	70767	2992 028507127
RUSTON COCA COLA BOTTLING CO	103 S BONNER ST	RUSTON	LA	71270	415 S BONNER ST	RUSTON	LA	71270	2086
AIRCO INDUSTRIAL GASES-SHREVEPORT	802 GRIMMETT DRIVE	SHREVEPORT	LA	71107	PO BOX 4307	SHREVEPORT	LA	71104	2187
VAUGHAN EQUIPMENT & TRUCKS INC	685 BRIDGE CITY AVENUE	WESTWINGO	LA	70096	PO BOX 740	WESTWINGO	LA	70096	7353
GOLDEN WEST FOODS INC	5310 KENNON LANE	BOSSIER CITY	LA	71171	940 ORANGE STREET	HEDFORD	VA	24523	2017 076312669
CIRCLE K CORP #00284-MARKSVILLE	HWY 1 SOUTH	MARKSVILLE	LA	71351	PO BOX 52084	PHOENIX	AZ	85072	5541
CIRCLE K CORP #00304-LAFAYETTE	1100 N UNIVERSITY AVE	LAFAYETTE	LA	70502	PO BOX 52084	PHOENIX	AZ	85072	5541
CIRCLE K CORP #00322-RAYNE	LA HWY 35	RAYNE	LA	70578	PO BOX 52084	PHOENIX	AZ	85072	5541
CIRCLE K CORP #00569-ALEXANDRIA	5528 MASONIC DR	ALEXANDRIA	LA	71301	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #00632-DERIDDER	4939 NORTH PINE	DERIDDER	LA	70634	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #01691-LAFAYETTE	624 E KALISTE SALOOM RD	LAFAYETTE	LA	70508	PO BOX 52084	PHOENIX	AZ	85072	5541
CIRCLE K CORP #02867-DERIDDER	1209 EAST 1ST STREET	DERIDDER	LA	70634	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #04377-ALEXANDRIA	5909 SKYE STREET	ALEXANDRIA	LA	71301	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #04533-LAFAYETTE	3806 AMBASSADOR CAFFERY	LAFAYETTE	LA	70663	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #04730-ALEXANDRIA	2840 AIR BASE ROAD	ALEXANDRIA	LA	71301	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #04822-LAFAYETTE	300 GLORIA SWITCH ROAD	LAFAYETTE	LA	70520	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #04914-LAFAYETTE	300 PINEHURST ROAD	LAFAYETTE	LA	70508	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #08329-LEESVILLE	LA HWY AT OAKES ROAD	LEESVILLE	LA	71446	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #08333-WESTLAKE	2010 SAMPSON @ BEE TREE	WESTLAKE	LA	70669	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #08335-SULPHUR	2400 NAPOLEON @ POST OAK	SULPHUR	LA	70663	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #08336-SULPHUR	HWY 108/20	SULPHUR	LA	70663	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #08337-SULPHUR	444 W BURTON @ CLAIRBORNE	SULPHUR	LA	70663	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #08338-WESTLAKE	1205 GULLORY/HOUSTON RR	WESTLAKE	LA	70669	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #08343-SULPHUR	101 N CITIES SER/MAPLWD	SULPHUR	LA	70663	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #08413-ALEXANDRIA	4603 HWY 1 N @ POWELL	ALEXANDRIA	LA	71301	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #08414-ALEXANDRIA	3306 JACKSON ST @ TEXAS	ALEXANDRIA	LA	71301	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #08416-ALEXANDRIA	204 BOLTON AVE @ MONROE	ALEXANDRIA	LA	71301	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #00303-JENA	802 WEST OAK ST	JENA	LA	71342	PO BOX 52084	PHOENIX	AZ	85072	5541
CIRCLE K CORP #00309-LAFAYETTE	1000 LOUISIANA AVENUE	LAFAYETTE	LA	70502	PO BOX 52084	PHOENIX	AZ	85072	5541
CIRCLE K CORP #00352-OPELOUSAS	709 E VINE STREET	OPELOUSAS	LA	70570	PO BOX 52084	PHOENIX	AZ	85072	5541
CIRCLE K CORP #00611-PINEVILLE	3595 HOLLOWAY PRAIRIE	PINEVILLE	LA	71360	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #00636-ABBEVILLE	3134 CHARITY ST	ABBEVILLE	LA	70510	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #02824-LEESVILLE	1102 SOUTH 5TH STREET	LEESVILLE	LA	71446	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
CIRCLE K CORP #02865-BROUSSARD	4604 HWY 90 EAST	BROUSSARD	LA	70518	PO BOX 52084	PHOENIX	AZ	85072	5541 062944160
WALLIS FABRICATING & MACHINE INC	106 INDUSTRIAL DRIVE	WEST MONROE	LA	71292	106 INDUSTRIAL DRIVE	WEST MONROE	LA	71292	3599
HERPIN MANUEL TIRE	118 W FIRST STREET	KAPLAN	LA	70548	PO BOX 960	JENNINGS	LA	70546	7692
LANDRYS AUTO	102 US 90 WEST	IOWA	LA	70647	PO BOX 960	JENNINGS	LA	70546	0
SAFETY BRAKE SALES	2430 HWY 90 EAST	LAKE CHARLES	LA	70616	PO BOX 960	JENNINGS	LA	70546	5013
SUPERIOR FABRICATORS INC	155 GOKDY STREET	BALDWIN	LA	70514	PO BOX 539	BALDWIN	LA	70514	3441 008191967
KRONOS OF LA INC	3300 BAYOU DINDE ROAD	WESTLAKE	LA	70669	PO BOX 60087	SULPHUR	LA	70664	1620
CIRCLE K CORP #00049-LACOMBE	SEC HWY 190 HWY 434	LACOMBE	LA	70445	PO BOX 2951	BEAUMONT	TX	77704	5541 062944160
CIRCLE K CORP #00069-CUT OFF	LA HWY 1	CUT OFF	LA	70345	PO BOX 2951	BEAUMONT	TX	77704	5541 062944160
CIRCLE K CORP #00408-GONZALES	1902 N AIRLINE	GONZALES	LA	70737	PO BOX 2951	BEAUMONT	TX	77704	5541 062944160
CIRCLE K CORP #00435-LAKE CHARLES	SW 1/4 US HWY 90 E-10	LAKE CHARLES	LA	70669	PO BOX 2951	BEAUMONT	TX	77704	5541 062944160
CIRCLE K CORP #00438-NEW ORLEANS	9201 AIRLINE HWY	NEW ORLEANS	LA	70119	PO BOX 2951	BEAUMONT	TX	77704	5541 062944160
CIRCLE K CORP #00446-CHALMETTE	3822 PARIS RD	CHALMETTE	LA	70043	PO BOX 2951	BEAUMONT	TX	77704	5541 062944160
CIRCLE K CORP #00467-METAIRIE	400 VETERANS BLVD	METAIRIE	LA	70005	PO BOX 2951	BEAUMONT	TX	77704	5541 062944160
CIRCLE K CORP #00482-GRETNA	839 HEHRMAN HWY	GRETNA	LA	70056	PO BOX 2951	BEAUMONT	TX	77704	5541 062944160
CIRCLE K CORP #00501-AVONDALE	3030 HWY 90	AVONDALE	LA	70094	PO BOX 2951	BEAUMONT	TX	77704	5541 062944160
CIRCLE K CORP #00550-LAPLACE	302 E AIRLINE HWY	LAPLACE	LA	70068	PO BOX 2951	BEAUMONT	TX	77704	5541 062944160
CIRCLE K CORP #00554-BURAS	HWY 23	BURAS	LA	70041	PROM II 1200 PEACHTREE S	ATLANTA	GA	30309	5541 062944160
CIRCLE K CORP #00562-BELLE CHASSE	1307 BELLE CHASSE HWY	BELLE CHASSE	LA	70037	PROM II 1200 PEACHTREE S	ATLANTA	GA	30309	5541 062944160
CIRCLE K CORP #00634-VILLA PLATTE	1245 W MAIN ST	VILLE PLATTE	LA	70586	3020 KNIGHT ST STE 115	SHREVEPORT	LA	71105	5541 062944160
CIRCLE K CORP #00664-THIBODAUX	HWY 24 LA DR	THIBODAUX	LA	70301	3020 KNIGHT ST STE 115	SHREVEPORT	LA	71105	5541 062944160
CIRCLE K CORP #00713-DENHAM SPRINGS	RT 2 BOX 420	DENHAM SPRINGS	LA	70726	3020 KNIGHT ST STE 115	SHREVEPORT	LA	71105	5541 062944160
CIRCLE K CORP #00744-MARRERO	5200 4TH ST	MARRERO	LA	70072	PO BOX 850	VENICE	LA	70091	5541 062944160
CIRCLE K CORP #00757-MERAUX	3112 E ST BERNARD HWY	MERAUX	LA	70075	PO BOX 850	VENICE	LA	70091	5541 062944160

CIRCLE K CORP #00760-CHALMETTE	9125 W JUDGE PEREZ DR	CHALMETTE	LA	70943	PO BOX 850	VENICE	LA	70091	5541	062944160
CIRCLE K CORP #00812-MINDEN	617 SHREVEPORT RD	MINDEN	LA	71055	101 WPA ROAD	BELLE CHASSE	LA	70037	5541	062944160
CIRCLE K CORP #00819-MINDEN	600 HOMER RD	MINDEN	LA	71055	101 WPA ROAD	BELLE CHASSE	LA	70037	5541	062944160
CIRCLE K CORP #00836-OAKGROVE	STATE HWY 2 W	OAKGROVE	LA	71263	101 WPA ROAD	BELLE CHASSE	LA	70037	5541	062944160
CIRCLE K CORP #01701-BATON ROUGE	13688 COURSEY BLVD	BATON ROUGE	LA	70816	RT 1 BOX 303	GOLDEN MEADOW	LA	70357	5541	062944160
CIRCLE K CORP #01731-NEW IBERIA	900 JEFFERSON TERRACE RD	NEW IBERIA	LA	70560	PO BOX 60350	NEW ORLEANS	LA	70160	5541	062944160
CIRCLE K CORP #01816-BATON ROUGE	WOLFE DR	BATON ROUGE	LA	70820	PO BOX 60350	NEW ORLEANS	LA	70160	5541	062944160
CIRCLE K CORP #01818-BATON ROUGE	1289 HIGHLAND RD	BATON ROUGE	LA	70802	110N COLLEGE STE 1200	TYLER	TX	75701	5541	062944160
CIRCLE K CORP #02877-HAMMOND	680 HWY 51 N	HAMMOND	LA	70401	110 N COLLEGE STE 1200	TYLER	TX	75701	5541	062944160
CIRCLE K CORP #02898-RASTROP	HWY 165 LA HWY 3051	RASTROP	LA	71220	110 N COLLEGE STE 1200	TYLER	TX	75701	5541	062944160
CIRCLE K CORP #02913-HOMER	108 W MAIN	HOMER	LA	71040	110 N COLLEGE STE 1200	TYLER	TX	75701	5541	062944160
CIRCLE K CORP #04302-BATON ROUGE	10221 COURSEY BLVD	BATON ROUGE	LA	70816	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #04606-ALGIERS	4500 WOODLAND AVE	ALGIERS	LA	70114	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #04660-MORGAN CITY	1028 HWY 90 E	MORGAN CITY	LA	70380	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #04737-BATON ROUGE	12891 COURSEY BLVD	BATON ROUGE	LA	70816	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #04833-BATON ROUGE	1557 GARDERE LN	BATON ROUGE	LA	70808	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #04901-BATON ROUGE	13796 PERKINS RD	BATON ROUGE	LA	70809	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08029-BATON ROUGE	2223 N ACADIAN THRUWAY	BATON ROUGE	LA	70802	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08030-BATON ROUGE	5102 GOVERNMENT ST	BATON ROUGE	LA	70806	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08036-BATON ROUGE	7475 JEFFERSON HWY	BATON ROUGE	LA	70806	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08037-BATON ROUGE	1164 PLANK RD	BATON ROUGE	LA	70805	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08038-BATON ROUGE	2503 GOVERNMENT	BATON ROUGE	LA	70806	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08039-BATON ROUGE	7925 GRNWELL SPRGS LANE	BATON ROUGE	LA	70804	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08044-BATON ROUGE	2912 HIGHLAND RD	BATON ROUGE	LA	70802	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08045-PORT ALLEN	430 N ALEXANDER	PORT ALLEN	LA	70767	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08047-BATON ROUGE	12567 FLORIDA BLVD	BATON ROUGE	LA	70815	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08049-BATON ROUGE	4415 THOMAS RD	BATON ROUGE	LA	70714	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08050-GONZALES	1350 S BURNSIDE ROMA	GONZALES	LA	70737	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08053-BATON ROUGE	12110 OLD HAMMOND HWY	BATON ROUGE	LA	70816	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08057-BATON ROUGE	6369 VAN GOGH DR	BATON ROUGE	LA	70806	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08058-BATON ROUGE	4405 ALVIN DARK	BATON ROUGE	LA	70808	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08060-BATON ROUGE	2180 N LOBDELL AVE	BATON ROUGE	LA	70806	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08061-BATON ROUGE	14546 HARRELS FERRY	BATON ROUGE	LA	70816	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08062-BATON ROUGE	5605 JONES CREEK RD	BATON ROUGE	LA	70816	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08063-BATON ROUGE	2564 N SHERWOOD FOREST	BATON ROUGE	LA	70814	PROM II 1200 PEACHTREE S	ATLANTA	GA	30309	5541	062944160
CIRCLE K CORP #08064-BATON ROUGE	4121 HURRANK	BATON ROUGE	LA	70808	PROM II 1200 PEACHTREE S	ATLANTA	GA	30309	5541	062944160
CIRCLE K CORP #08069-BATON ROUGE	2956 NICHOLSON DR	BATON ROUGE	LA	70802	3020 KNIGHT ST STE 115	SHREVEPORT	LA	71105	5541	062944160
CIRCLE K CORP #08071-BATON ROUGE	17122 GREENWELL SPRGS MO	BATON ROUGE	LA	70814	3020 KNIGHT ST STE 115	SHREVEPORT	LA	71105	5541	062944160
CIRCLE K CORP #08073-BATON ROUGE	5505 AIRLINE HWY	BATON ROUGE	LA	70805	PO BOX 850	VENICE	LA	70091	5541	062944160
CIRCLE K CORP #08075-BATON ROUGE	824 N ARDENWOOD	BATON ROUGE	LA	70806	PO BOX 850	VENICE	LA	70091	5541	062944160
CIRCLE K CORP #08078-BATON ROUGE	5167 PLANK RD	BATON ROUGE	LA	70805	101 WPA ROAD	BELLE CHASSE	LA	70037	5541	062944160
CIRCLE K CORP #08080-BATON ROUGE	10770 FLORIDA BLVD	BATON ROUGE	LA	70815	101 WPA ROAD	BELLE CHASSE	LA	70037	5541	062944160
CIRCLE K CORP #08149-SHREVEPORT	3002 GREENWOOD RD	SHREVEPORT	LA	71109	101 WPA ROAD	BELLE CHASSE	LA	70037	5541	062944160
CIRCLE K CORP #08157-SHREVEPORT	1266 GRIMMET DR	SHREVEPORT	LA	71107	RT 1 BOX 303	GOLDEN MEADOW	LA	70357	5541	062944160
CIRCLE K CORP #08158-SHREVEPORT	1000 SHREVEPORT BARKSDALE	SHREVEPORT	LA	71105	RT 1 BOX 303	GOLDEN MEADOW	LA	70357	5541	062944160
CIRCLE K CORP #08162-SHREVEPORT	3202 N MARKET	SHREVEPORT	LA	71107	RT 1 BOX 303	GOLDEN MEADOW	LA	70357	5541	062944160
CIRCLE K CORP #08164-MINDEN	800 LEWISVILLE RD	MINDEN	LA	71055	PO BOX 52084	PHOENIX	AZ	85072	5541	062944160
CIRCLE K CORP #08165-BOSSIER CITY	1030 CENTRAL PARK BLVD	BOSSIER CITY	LA	71112	PO BOX 60350	NEW ORLEANS	LA	70160	5541	062944160
CIRCLE K CORP #08166-BOSSIER CITY	1406 N GATE	BOSSIER CITY	LA	71112	110N COLLEGE STE 1200	TYLER	TX	75701	5541	062944160
CIRCLE K CORP #08180-SHREVEPORT	8590 YOUREE	SHREVEPORT	LA	71115	110 N COLLEGE STE 1200	TYLER	TX	75701	5541	062944160
CIRCLE K CORP #08181-BOSSIER CITY	1201 BARKSDALE BLVD	BOSSIER CITY	LA	71111	110 N COLLEGE STE 1200	TYLER	TX	75701	5541	062944160
CIRCLE K CORP #08185-SHREVEPORT	6979 JEWELLA RD	SHREVEPORT	LA	71108	110 N COLLEGE STE 1200	TYLER	TX	75701	5541	062944160
CIRCLE K CORP #08187-SHREVEPORT	3301 BERT KOUNS IND LOOP	SHREVEPORT	LA	71118	110 N COLLEGE STE 1200	TYLER	TX	75701	5541	062944160
CIRCLE K CORP #08190-SHREVEPORT	10201 LOS ALTOS	SHREVEPORT	LA	71115 44 38	110 N COLLEGE STE 1200	TYLER	TX	75701	5541	062944160
CIRCLE K CORP #08193-BOSSIER CITY	1965 AIRLINE DR	BOSSIER CITY	LA	71112	110 N COLLEGE STE 1200	TYLER	TX	75701	5541	062944160
CIRCLE K CORP #08196-SHREVEPORT	1340 N MARKET ST	SHREVEPORT	LA	71107	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08266-CHALMETTE	7600 JUDGE PEREZ DR	CHALMETTE	LA	70043	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08270-METAIRIE	4520 JEFFERSON HWY	METAIRIE	LA	70121	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08273-NEW ORLEANS	325 S BROAD ST	NEW ORLEANS	LA	70119	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08278-NEW ORLEANS	3101 ESPLANDE AVE	NEW ORLEANS	LA	70119	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08279-METAIRIE	2205 DAVID DRIVE	METAIRIE	LA	70003	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160

CIRCLE K CORP #08280-CHALMETTE	3001 PARISH RD	CHALMETTE	LA	70043	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08281-NEW ORLEANS	7943 CHEF MENTEUR HWY	NEW ORLEANS	LA	70127	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08292-NEW ORLEANS	1641 LOUISIANA AVE	NEW ORLEANS	LA	70115	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08294-KENNER	3101 LOYOLA AVE	KENNER	LA	70065	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CIRCLE K CORP #08295-HARVEY	1601 LAPALCO BLVD	HARVEY	LA	70058	PO BOX 2951	BEAUMONT	TX	77704	5541	062944160
CONTECH CONSTRUCTION PRODUCTS INC	NORTH SAINT MARY STREET	EUNICE	LA	70535	RT 3 BOX 5991	EUNICE	LA	70535	4444	155294440
SEA LAND SERVICE INC	2700 FRANCE ROAD	NEW ORLEANS	LA	70186	PO BOX 26044	NEW ORLEANS	LA	70186	4499	
REVISSE ACADIE	HWY 35 N	RAYNE	LA	70578	12 HAYSIDE	LAFAYETTE	LA	70508	5142	
INDUSTRIAL WELDING SUPPLY-HOUMA	169 THOMPSON RD	HOUMA	LA	703610686	PO BOX 292	HARVEY	LA	70059	5084	
GREENE WELDING SUPPLY INC-RUSTON	1800 TRADE DR	RUSTON	LA	71270	PO BOX 1225	MONROE	LA	71201	5999	
SARINE PIPE LINE CO-HENRY HUB ROOSTE					PO BOX 4781	HOUSTON	TX	77210	1310	
TRANSPORT SERVICE CO	9312 S RIVER RD	PLAQUEMINE	LA	70765	9312 S RIVER RD	PLAQUEMINE	LA	70765	4231	002984276
GULF STATES AIRGAS-BATON ROUGE	9010 CASTILLE RD SUITE B	BATON ROUGE	LA	70809	PO BOX 190969	THEODORE	AL	36619	5084	106907900
WEST CALCASIEU CAMERON HOSPITAL	701 EAST CYPRESS ST	SULPHUR	LA	70663	701 EAST CYPRESS ST	SULPHUR	LA	70663	8062	074199837
NATIONAL WELDING SUPPLY HOUMA	100 ELYSIAN	HOUMA	LA	70363	PO BOX 9786	NEW IBERIA	LA	705629786	5084	
HAWCO MANUFACTURING CO INC	HIGHWAY 19	SLAUGHTER	LA	70777	BOX 216	SLAUGHTER	LA	70777	3531	
SAFETY & HEALTH ASSOCIATES INC	1503 WEEKS ISLAND ROAD	NEW IBERIA	LA	70560	1503 WEEKS ISLAND ROAD	NEW IBERIA	LA	70560	0	070671581
IMC FERTILIZER INC-ANGUS CHEMICAL C	LA HWY 2	STERLINGTON	LA	71280	PO BOX 1325	STERLINGTON	LA	71280	2869	034601096
CIRCLE K CORP #03769-BATON ROUGE	191 WOODDALE BLVD	BATON ROUGE	LA	70806	RT 1 BOX 303	GOLDEN MEADOW	LA	70357	5541	062944160
CIRCLE K CORP #03770-BATON ROUGE	10717 ALCO AVE	BATON ROUGE	LA	70816	RT 1 BOX 303	GOLDEN MEADOW	LA	70357	5541	062944160
CIRCLE K CORP #04716-NEW ORLEANS	841 ROYAL ST	NEW ORLEANS	LA	70116	RT 1 BOX 303	GOLDEN MEADOW	LA	70357	5541	062944160
CIRCLE K CORP #04802-METAIRIE	1805 VETERANS BLVD	METAIRIE	LA	70005	RT 1 BOX 303	GOLDEN MEADOW	LA	70357	5541	062944160
CIRCLE K CORP #08150-SHREVEPORT	4816 LINE AVE	SHREVEPORT	LA	71106	PO BOX 60350	NEW ORLEANS	LA	70160	5541	062944160
CIRCLE K CORP #08156-SHREVEPORT	3310 YOREE DR	SHREVEPORT	LA	71105	110N COLLEGE STE 1200	TYLER	TX	75701	5541	062944160
TEMPLET N TEMPLET	HWY 90 AT CURTIS LANE	NEW IBERIA	LA	70562	2170 RIVERSIDE N	BATON ROUGE	LA	70802	039172937	
INDUSTRIAL WELDING SUPPLY CO INC	3055 GRAND CAILLOU ROAD	HOUMA	LA	703610686	PO BOX 686	HOUMA	LA	703610686	5084	
INDUSTRIAL WELDING SUPPLY CO INC	3069 GRAND CAILLOU	HOUMA	LA	70363	PO BOX 686	HOUMA	LA	703610686	5084	
MINDEN STEAM POWER PLANT	119 HORTON ST	MINDEN	LA	71055	119 HORTON ST	MINDEN	LA	71055	4911	
PORT ALLEN CITY OF WILLIAM & LEE	1631 LOUISIANA AVENUE	PORT ALLEN	LA	70767	PO BOX 468	PORT ALLEN	LA	70767	7999	
MORGAN CITY MUNICIPAL-STEAM POWER	701 AVOCA ROAD	MORGAN CITY	LA	70380	701 AVOCA ROAD	MORGAN CITY	LA	70380	4911	
MORGAN CITY MUNICIPAL-DIESEL PLANT	1602 FRONT STREET	MORGAN CITY	LA	70380	701 AVOCA ROAD	MORGAN CITY	LA	70380	4911	
NESTLE BEVERAGE COMPANY	5500 CHEF MENTEUR HWY	NEW ORLEANS	LA	70126	PO BOX 7449	SAN FRANCISCO	CA	94120	2095	009133299
ETHYL CORPORATION PROCESS DEV CTR	GULF STATES ROAD & KC'S R	BATON ROUGE	LA	708210341	PO BOX 341	BATON ROUGE	LA	70821	2869	079460895
SULLIVAN TRUCKING CO	189 PRODUCTION DR	SULPHUR	LA	70663	189 PRODUCTION DR	SULPHUR	LA	70663	4231	

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