

Approved: _____

Date 4/2/97
SM

MINUTES OF THE SPECIAL JOINT SENATE AND HOUSE COMMITTEES ON UTILITIES.

The meeting was called to order by Chairperson Pat Ranson at 12:30 p.m. on March 18, 1997 in Room 313-S of the Capitol.

All members were present except: Rep. Alldritt - excused
Rep. Mayans - excused

Committee staff present: Lynne Holt, Legislative Research Department
Mary Shaw, Committee Secretary

Conferees appearing before the committee: Steve Kitchen, Exec. Vice-President and CFO, Western Resources
Bill Eliason, Vice-Pres., Gas Strategy, Western Resources
Dave Dittmore, Dep. Dir., Utilities Div., Kans. Corp. Comm.
Walker Hendrix, Exec. Dir., Citizens' Utility Ratepayer Board (CURB)

Others attending: See attached list

Chairperson Ranson requested that any comments be specific and concise as possible. The Chair, Senator Pat Ranson, mentioned that she chairs the Senate Utilities Committee and introduced Representative Don Myers who chairs the House Utilities Committee. The Chair mentioned that she and Representative Myers have worked on the joint hearing together. The Chair thanked those who had come to visit and brief the Joint Committee regarding what has been occurring and the main purpose was to review the billing procedures, specifically of Western Resources.

The Chair acknowledged Mr. Steve Kitchen, Executive Vice-President and Chief Financial Officer of Western Resources. Mr. Kitchen indicated that it was a result of some unfortunate circumstances that had brought everyone together at this meeting and he apologized to the customers and the Legislature for those circumstances and hoped that through the remarks today it will be realized that they have been responsive and have taken steps to prevent these events from happening in the future.

Mr. Kitchen began the Western Resources presentation regarding how customers are billed, billing issues (meter reading issues, Topeka Franchise fee, cost of gas issue), solutions for the future and gas purchasing practices (Attachment #1).

Regarding meter reading errors, Mr. Kitchen mentioned that in November and December of 1996 the meter reading just simply fell behind, a human problem. He also indicated that no one reported the late reads to the billing department. The consequences of that was that the billing department calculated bills based on a correct read date and correct cost of gas for a later cycle and that some customers were over-charged for the cost of gas. Mr. Kitchen explained that during that time of year, January time frame, their customer service representatives take a number of calls from people concerned about high gas bills. He indicated that natural consumption is up due to weather conditions in the winter, and because consumption is up, the price of gas is higher and therefore the bills go up. He explained that a customer in Johnson County called in and inquired about their gas bill three times. Three different customer service representatives took the calls. The first two times the bill was checked and thought to be ok, but on the third call, the customer service representative concluded that it was a long bill, being 37 days. He mentioned that Western Resources decided they would look at their entire system. Mr. Kitchen mentioned that their solutions involved adherence to the meter reading schedule and that there are alarms in their system that now stop the billing process for long-read bills.

Mr. Kitchen introduced Mr. Bill Eliason, Vice President of Gas Strategy for Western Resources, and indicated that he would discuss gas purchasing practices. The Chair acknowledged Mr. Eliason. Mr. Eliason mentioned that he is responsible for buying gas for Western Resources and clearly the price of gas they have experienced in the last few months added to the issue and he described their purchasing practices (refer to Attachment #1 to these minutes). Mr. Eliason indicated they have two major priorities when they purchase gas - price and reliability. He stressed that they serve a very high priority with the customers. Mr. Eliason mentioned that the cost of gas is a pass-through and that Western Resources makes no profit on the sale of gas. In closing, Mr. Eliason mentioned that the price of gas is related to the supply and demand (Attachment #2).

CONTINUATION SHEET

MINUTES OF THE HOUSE COMMITTEE ON UTILITIES, Room 514-S Statehouse, at 9:00 a.m. on

The Chair acknowledged Dave Dittmore, Deputy Director, Utilities Division, Kansas Corporation Commission (KCC) who briefed the Committees on the rules and regulations of the KCC and that they were adhered to in this situation (Attachment #3). Mr. Dittmore mentioned that the Commission just that morning had selected the firm of Price Waterhouse as an independent auditor to review Western Resources' billing procedures. He indicated that the selection of Price Waterhouse by the KCC resulted from the cooperative effort of the KCC, Western Resources and the Citizens' Utility Ratepayer Board (CURB). Mr. Dittmore mentioned, with the exception of KN Energy, the local distribution companies and the gas companies, file monthly with the Commission for purchase gas adjustment. The purpose is to recover the cost of the utilities' commodity, the gas cost, as well as transportation. He explained it is not designed as a profit tool for the utility, they recover this dollar for dollar basis over the long run, nothing more and nothing less. Mr. Dittmore mentioned that a KCC analyst reviews these filings, and as far as transportation costs, they are traced back to corporate or KCC-approved tariffs (one pipeline is still under jurisdiction of KCC). The commodity cost is checked by a KCC analyst for reasonableness with published spot market prices. If questions, the analyst will contact the company. The purchase gas adjustment mechanism is tried-up once a year. The Commission also audits the purchase gas adjustment once a year. Staff will select two months at random, take billings received for both transportation and commodity, and tie it back to purchase gas filings to insure that those filings are accurate. In addition, a few individual customer bills are reviewed to determine if the proper cost of gas factor was applied. Customer bills are also reviewed through the KCC Public Information Office, a request will come to them from time to time from an analyst. Also, he indicated that the KCC has authorized opening up a generic investigation regarding billing practices.

The Chair acknowledged Walker Hendrix, Consumer Counsel for the Citizens' Utility Ratepayer Board (CURB). (Attachment #4).

Questions and discussion followed.

The Chair asked if Representative Myers, Chairman House Utilities Committee, had any questions and he responded that he appreciated Western Resources coming that day and discussing their billing procedures with the Committees and he felt that the Committees were more enlightened about the high price of gas and he thought they would be more able to talk to constituents about it. The Chair thanked everyone for their attention and mentioned that they would probably be discussing this subject next year.

The meeting was adjourned at 1:40 p.m.

The next regular meeting of the House Utilities Committee is scheduled for March 19, 1997.

**JOINT SENATE AND HOUSE UTILITIES COMMITTEE
GUEST LIST**

DATE: 3-18-97

NAME	REPRESENTING
Julienne Masler	AG office
Paul Shelby	BJA
Doug Swin	OJA
David Tamm	Ks Bar Assn
Dodie Lacey	Ks Children's Service League
Susan M. Baker	Hein + Weir
David Sherman	Attorney General
Kelly Leigh	AG
JARED MATH	AG
Margie Howerton	KBI
Kyle Smith	KBI
Deann Bernweis	AIUSA
Steve KARRICK	AG
Nancy Lindberg	AG
Scott Cullen	Ind.
Anna Bryder	KS NOW
Ben Immerman	LWV
Jim Clark	KCDAA
Kristen Baker	ACLU

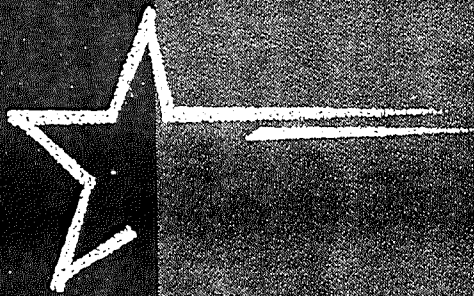


Western Resources®

House Utilities
2-18-97
Attachment 1

AGENDA

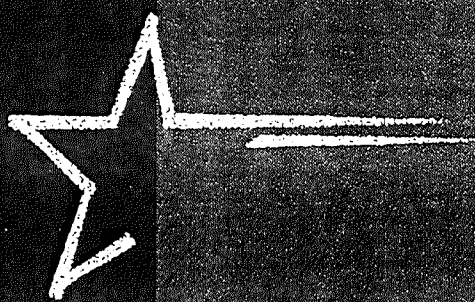
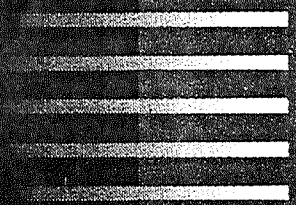
- *How customers are billed*
- *Billing issues*
 - Meter Reading Issues
 - Topeka Franchise Fee
 - Cost of Gas Issue
- *Solutions for the future*
- *Gas purchasing practices*



HOW CUSTOMERS ARE BILLED

Perspective

- **WR has 650,000 natural gas customers; 600,000 electric customers**
 - 10 million bills generated annually
- **Customer accounts are divided into 21 billing cycles**
 - billing cycles provide level work flow
 - tariff specifies 26 to 35 day window for reading meters
- **Approximately 43,000 meters read daily**



HOW CUSTOMERS ARE BILLED

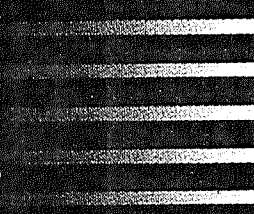
Evolution of Meter Reading

- **Customer would read meter and send postcard to utility**
- **Employees read meters manually**
- **Hand-held electronic device**
- **Eventually entire process will be automated**

HOW CUSTOMERS ARE BILLED

Billing Process

- **Data from hand-held electronic units is uploaded to billing system**
 - reads must pass "common sense" test
 - customer usage validated
 - bills are calculated, printed and mailed



HOW CUSTOMERS ARE BILLED

Billing Process continued

- **Billing validation**

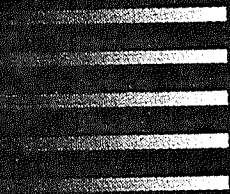
- **daily revenue accounting tests
each tariff, each rate change**
- **monthly Internal Audit tests
each tariff, each rate change**



BILLING ISSUES

Meter Reading Errors

- **What happened**
 - approximately 3,800 customers' meters were read late
 - nobody reported late reads to billing department
- **Consequences**
 - billing system calculated bills based on a correct read date
 - some customers were over charged for cost of gas



BILLING ISSUES

Meter Reading Errors

- **Corrective actions**
 - affected customers informed by phone and letter
 - credits issued to correct bills
- **Solutions**
 - adhere to meter reading schedule
 - alarms in system now stop billing process for long-read bills



BILLING ISSUES

Topeka Gas Franchise Fee

- **What happened**
 - failed to implement reduced franchise rate effective 1/1/97
- **Consequences**
 - some customers over charged for Topeka franchise fee



BILLING ISSUES

Topeka Gas Franchise Fee

- **Corrective actions**

- customers informed by bill insert
- credits issued to correct bills

- **Solution**

- all tax rate changes reviewed by Internal Audit and Operations



BILLING ISSUES

Cost of Gas issue

- **What happened**

- incorrect Cost of Gas applied on customers' natural gas bill

BILLING ISSUES

Cost of Gas issue

- **How it happened**
 - meters read in 21 different cycles
 - cycles 20 and 21 read last of each month
 - some cycle 20 and 21 meters read during cycle 1 read period
 - some cycle 1 meters read during cycle 20 and 21 read period
- **Consequences**
 - some customers over billed for cost of gas
 - some customers under billed for cost of gas

BILLING ISSUES

Cost of Gas issue

- **Corrective actions**
 - WR is checking 23 million bills during past three years
 - credits will be issued to correct bills
 - if error is in customer's favor, WR will not back-bill
- **Solution**
 - adhere to meter reading schedule
 - billing system alarms

SOLUTIONS FOR THE FUTURE

Customer Council

- **comprised of KCC, CURB, outside billing system expert**
- **reviewing WR customer billing practices**
- **develop recommendations to improve WR billing practices**
- **we are willing to consider pro-rated billing**

SOLUTIONS FOR THE FUTURE

*Western Resources is committed
to doing what our customers
want us to do:*

- accurate customer bills
- verifiable customer bills
- understandable customer bills



GAS PURCHASING PRACTICES

Buying natural gas

- WR purchases natural gas from more than 100 producers and marketers
- Reliability is high priority

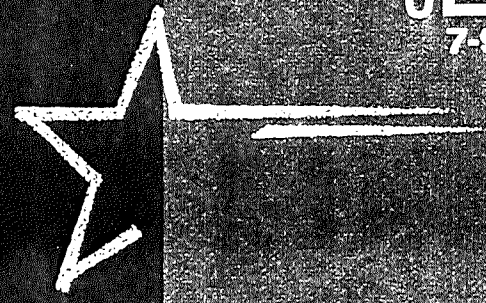
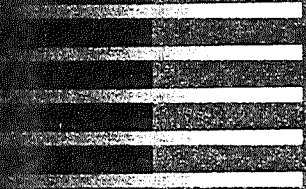
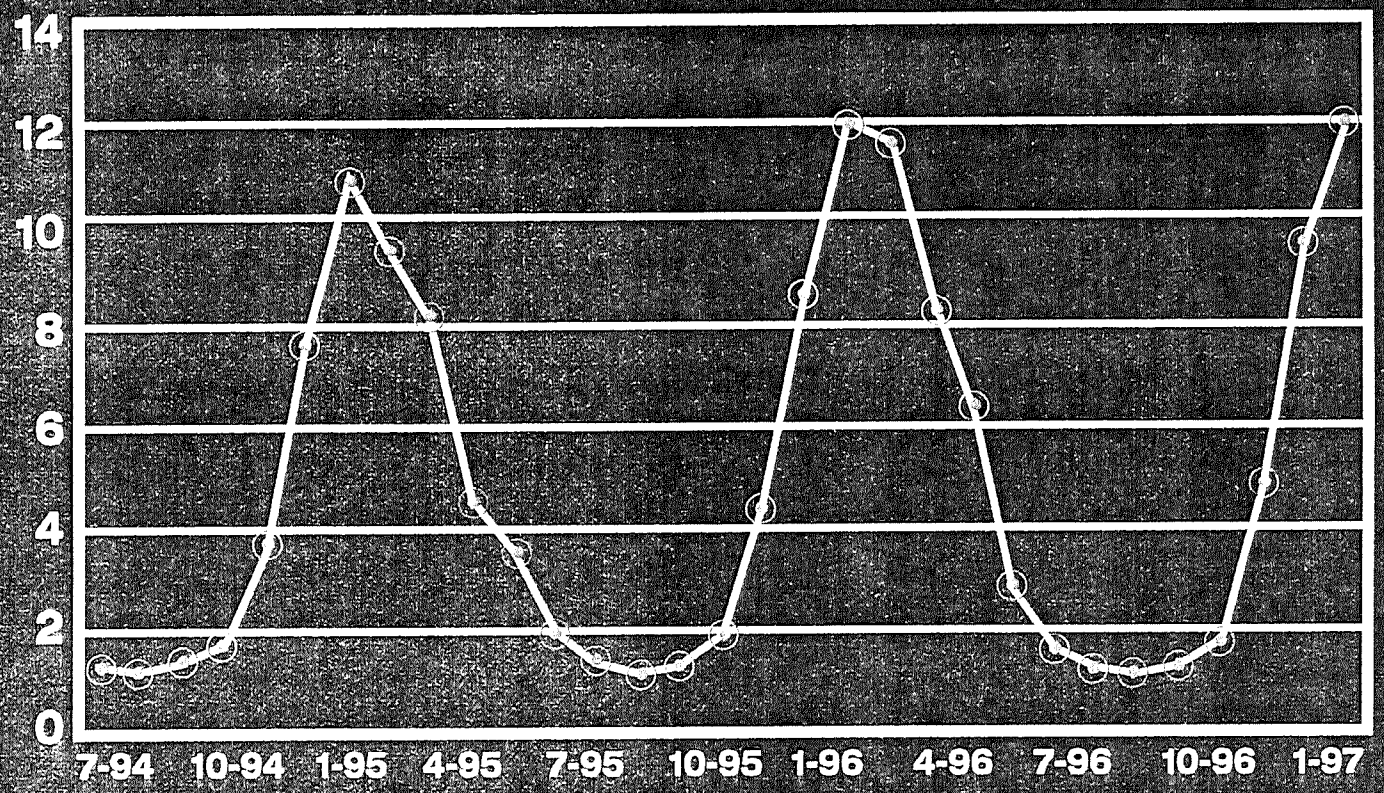
GAS PURCHASING PRACTICES

Buying natural gas

- **WR employs several mechanisms to maintain stable gas costs for customers**
 - competitive bids on all gas purchases
 - long term contracts utilize monthly market pricing mechanism
 - spot (short term) purchases when cost effective
 - gas storage used to reduce cost as well as increase reliability
 - competitive transmission pipelines serve large markets

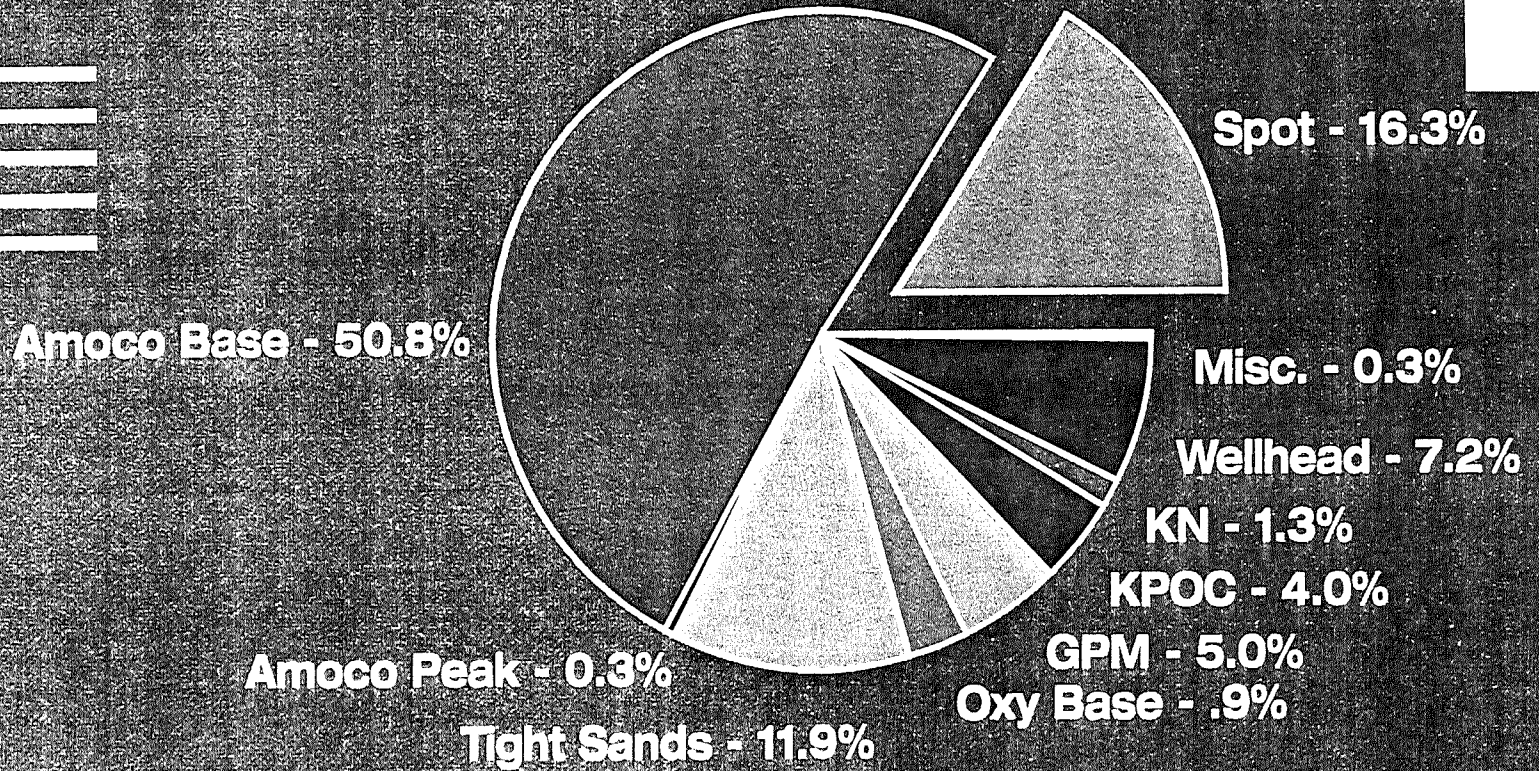
MONTHLY SALES

BCF



TOTAL SYSTEM SUPPLY

1996



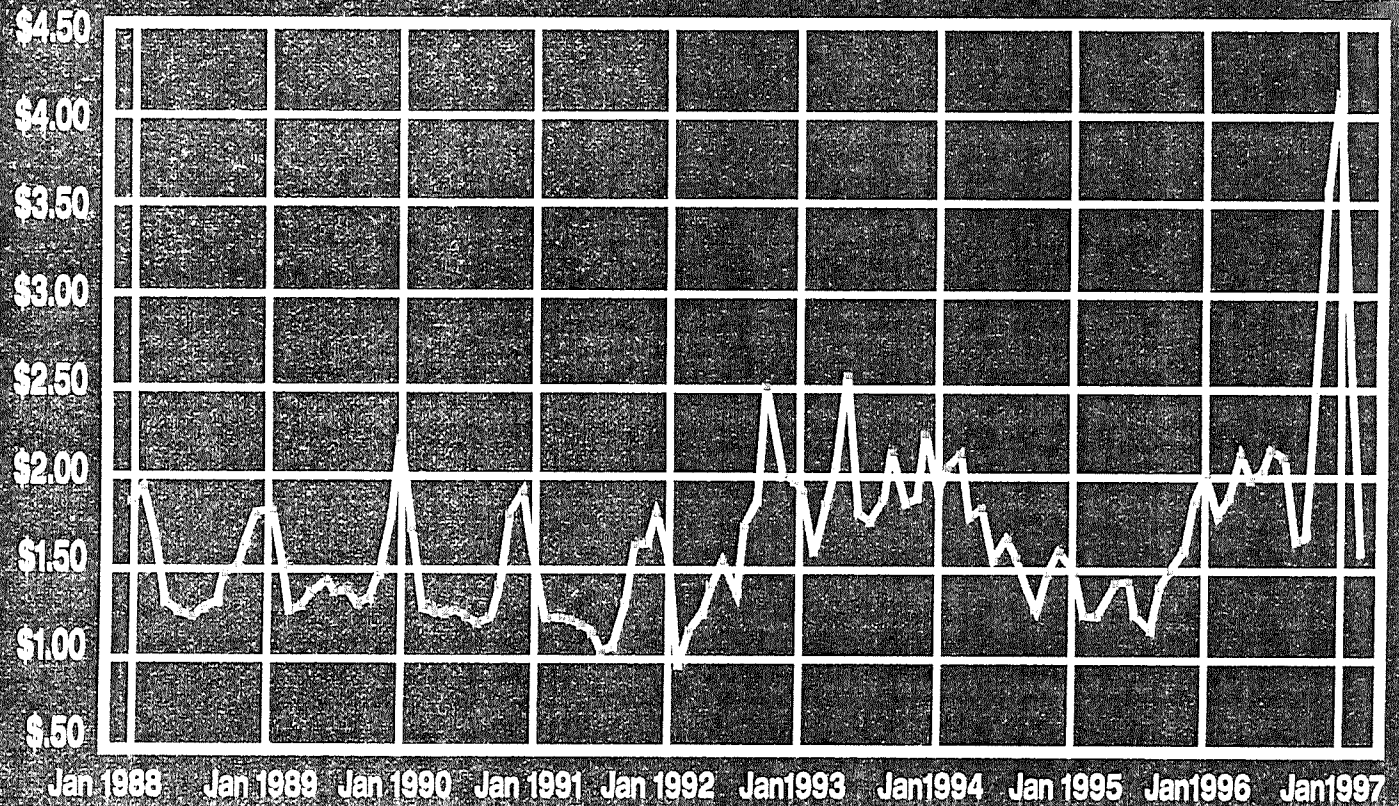
GAS PURCHASING PRACTICES

Cost of Gas mechanism

- **Cost of Gas component of bill comprised of three primary elements**
 - gas transmission cost
 - gas storage cost
 - projection of 12-month gas cost updated monthly
- **Cost of Gas is a pass-through -- WR makes no profit on the sale of gas**

SPOT MARKET INDEX

Five Pipeline Average





February 25, 1997

HAND DELIVERED

Mr. Philip Sanchez
Utilities Analyst
Kansas Corporation Commission
1500 SW Arrowhead Road
Topeka, Kansas 66604-4027

MONTHLY COGR REPORT

Enclosed is the Company's Monthly Cost of Gas Rider (COGR) Report for March 1997.

The purchased gas cost change applicable to the RSk, GSsk and LVSk customer classes reflects a decrease of \$0.2797/Mcf, while the RSt, GSt, LVSt and SRt customer classes reflect a decrease of \$0.0889/Mcf.

The decrease results from changes experienced recently in the spot market gas prices and from a reduction in rates from Williams Natural Gas Co. (WNG) in Docket No. RP95-136. This decrease is partially offset by an increase in the transition cost recovery factor due to additional charges received from WNG in Docket Nos. RP96-400 and RP97-220, as described in prior correspondence.

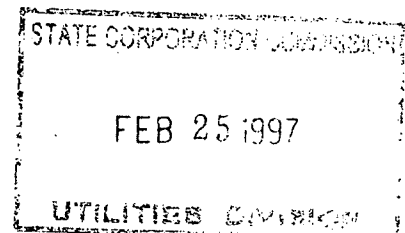
The Company requests confidentiality for information in the report related to the cost of purchased gas from specific suppliers under Paragraph 36 of the Commission Order in Docket No. 106,850-U.

If you have any questions, please call me at 575-8212.

Sincerely,

Douglas L. Will
Supervisor, Revenue Requirements

DLW/PGS/cw



818 South Kansas Avenue / P.O. Box 889 / Topeka, Kansas 66601
Telephone: (913) 575-6300

House Utilities
2-18-97
Attachment 2

WESTERN RESOURCES, INC.
NET GAS COST SUMMARY

2-2

Applicable To : RSt
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
Sheet 1

MAIN SYSTEM

The following computation is submitted in support of net gas costs affecting consumption billed on or after the first billing cycle in

1. Total estimated Base Gas Cost, 12 months ending June 30, 1997 (Sheet 2)
2. 100% minus actual line loss of 1.91%, 12 months ending June 30, 1997
3. 100% minus line loss limit of 4.00% (Column 5, line loss test)
4. Line Loss Limit Factor (Line 2 divided by Line 3). If greater than 1.00, write 1.00 in this space.
5. Recoverable Base Gas Cost (Line 4 times Line 1)
6. Estimated Sales Volumes, 12 months ending June 30, 1997
7. Estimated average recoverable Base Gas Cost Factor (Line 5 divided by Line 6)
8. Actual Cost Adjustment (Sheet 3B, Column H)
9. Take or Pay Cost Factor (Sheet 4, Column H)
10. Refund Factor
11. Capacity Release Factor (7A, Column I)
12. Penalty Recovery Factor
13. Transition Cost Recovery Factor (Sheet 5, Column F)
14. Total Net Gas Cost (Lines 7 through 13)

Changes monthly

March 1997
 — \$36,869,960 ^{N/M}
 98.09% S
 96.00% S
 1.00 ✓
 \$36,869,960 T
 11,084,653 MCF S
 332.62 c/MCF ^{N/M}
 19.77 c/MCF S
 0.00 c/MCF
 0.00 c/MCF
 -0.57 c/MCF S
 0.00 c/MCF
 -0.06 c/MCF S
 351.76 c/MCF ^{N/M}

set once per year.

*P.T.S.
2-26-97*

Line Loss Test		Test Period: 12 months ended May 31, 1996		
(1) MCF Purchased Net of Exchange and Storage	(2) MCF Sold	(3) MCF Loss (1 - 2)	(4) Line Loss (3 / 1)	(5) Line Loss Limit
21,626,823	21,213,344	413,479	1.91%	4.00%

* All c/MCF calculations are rounded to the nearest .01 c/MCF.
 Sheets 1 through 3 and related subsheets (if any) are filed pursuant to Order No. 114,772-U of the Kansas Corporation Commission, dated June 9, 1978.

By: *Douglas L. Will*
 DOUGLAS L. WILL
 Supervisor, Revenue Requirements

STATE CORPORATION COMMISSION
 FEB 25 1997

NOTE: This sheet must be filed monthly. Lines 1 and 5 are recomputed only upon changes in the price of purchased gas. Lines 2, 4, and 6 are recomputed only annually on June 1.

WEST V RESOURCES, INC.
NET GAS COST SUMMARY

2-5

Applicable To : SRt (Sales for Resale)
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
Sheet 1

MAIN SYSTEM

The following computation is submitted in support of net gas costs affecting consumption billed on or after the first billing cycle in

March 1997

- | | |
|---|-----------------------------|
| 1. Total estimated Base Gas Cost, 12 months ending June 30, 1997 (Sheet 2) | \$172,587 ^{N/M} |
| 2. 100% minus actual line loss of 1.91%, 12 months ending June 30, 1997 | 98.09% S |
| 3. 100% minus line loss limit of 4.00% (Column 5, line loss test) | 96.00% S |
| 4. Line Loss Limit Factor (Line 2 divided by Line 3). If greater than 1.00, write 1.00 in this space. | 1.00 ✓ |
| 5. Recoverable Base Gas Cost (Line 4 times Line 1) | \$172,587 T |
| 6. Estimated Sales Volumes, 12 months ending June 30, 1997 | 51,887 MCF S |
| 7. Estimated average recoverable Base Gas Cost Factor (Line 5 divided by Line 6) | 332.62 c/MCF ^{N/M} |
| 8. Actual Cost Adjustment (Sheet 3B, Column H) | 19.77 c/MCF S |
| 9. Take or Pay Cost Factor (Sheet 4, Column H) | 0.00 c/MCF |
| 10. Refund Factor | 0.00 c/MCF |
| 11. Capacity Release Factor (7A, Column I) | -0.57 c/MCF S |
| 12. Penalty Recovery Factor | 0.00 c/MCF |
| 13. Transition Cost Recovery Factor (Sheet 5, Column F) | -0.06 c/MCF S |
| 14. Total Net Gas Cost (Lines 7 through 13) | 351.76 c/MCF ^{N/M} |

Line Loss Test		Test Period: 12 months ended May 31, 1996		
(1) MCF Purchased Net of Exchange and Storage	(2) MCF Sold	(3) MCF Loss (1 - 2)	(4) Line Loss (3 / 1)	(5) Line Loss Limit
21,626,823	21,213,344	413,479	1.91%	4.00%

P.T.S.
2-26-97

* All c/MCF calculations are rounded to the nearest .01 c/MCF.
Sheets 1 through 3 and related subsheets (if any) are filed pursuant to Order No. 114,772-U of the Kansas Corporation Commission, dated June 9, 1978.

By: *Douglas L. Will*
DOUGLAS L. WILL
Supervisor, Revenue Requirements

STATE BOARD OF PUBLIC UTILITIES
FEB 25 1997

NOTE: This sheet must be filed monthly. Lines 1 and 5 are recomputed only upon changes in the price of purchased gas. Lines 2, 4, and 6 are recomputed only annually on June 1.

WESTERN RESOURCES, INC.
NET GAS COST SUMMARY

2-6

Applicable To: ICt (Intercompany Transfer)
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
Sheet 1

MAIN SYSTEM

The following computation is submitted in support of net gas costs affecting consumption billed on or after the first billing cycle in

	March 1997
1. Total estimated Base Gas Cost, 12 months ending June 30, 1997 (Sheet 2)	\$2,248,742 ^{NYM}
2. 100% minus actual line loss of 1.91%, 12 months ending June 30, 1997	98.09% ^S
3. 100% minus line loss limit of 4.00% (Column 5, line loss test)	96.00% ^S
4. Line Loss Limit Factor (Line 2 divided by Line 3). If greater than 1.00, write 1.00 in this space.	1.00 ✓
5. Recoverable Base Gas Cost (Line 4 times Line 1)	\$2,248,742 ^T
6. Estimated Sales Volumes, 12 months ending June 30, 1997	676,066 MCF ^S
7. Estimated average recoverable Base Gas Cost Factor (Line 5 divided by Line 6)	332.62 c/MCF ^{NYM}
8. Actual Cost Adjustment (Sheet 3B, Column H)	19.77 c/MCF ^S
9. Take or Pay Cost Factor (Sheet 4, Column H)	0.00 c/MCF
10. Refund Factor	0.00 c/MCF
11. Capacity Release Factor (7A, Column I)	-0.57 c/MCF ^S
12. Penalty Recovery Factor	0.00 c/MCF
13. Transition Cost Recovery Factor (Sheet 5, Column F)	-0.06 c/MCF ^S
14. Total Net Gas Cost (Lines 7 through 13)	351.76 c/MCF ^{NYM}

Line Loss Test		Test Period: 12 months ended May 31, 1996		
(1) MCF Purchased Net of Exchange and Storage	(2) MCF Sold	(3) MCF Loss (1 - 2)	(4) Line Loss (3 / 1)	(5) Line Loss Limit
21,626,823	21,213,344	413,479	1.91%	4.00%

* All c/MCF calculations are rounded to the nearest .01 c/MCF.
Sheets 1 through 3 and related subsheets (if any) are filed pursuant to Order No. 114,772-U of the Kansas Corporation Commission, dated June 9, 1978.

By: Douglas L. Will
DOUGLAS L. WILL
Supervisor, Revenue Requirements

STATE OF KANSAS
FEB 25 1997

NOTE: This sheet must be filed monthly. Lines 1 and 5 are recomputed only upon changes in the price of purchased gas. Lines 2, 4, and 6 are recomputed only annually on June 1.

P.T.S.
2-26-97

6-27

W. ERN RESOURCES, INC.
SUMMARY OF COST OF GAS BALANCES

Applicable To : RSt, GSSt, LVSt, SRt, ICt
 Reporting Date: February 25, 1997
 Effective Date: March 6, 1997
 12 Months Ended: June 30, 1997
 Sheet 3B

MAIN SYSTEM

Month	Deliveries to Kansas Customers Column (f) Sheet 3A (l)	Cost Component Used in COGR (c/MCF) (g)	Prior Year Actual Cost Adjustment (c/MCF) (h)	Total Cost Recovery Per Unit (g + h) (i)	Total Recovery (i x e) (j)	Under (Over) Recovery (f - j) (k)	Accumulated Under (Over) Recovery (l)
Actual Cost Remainder							\$3,375,753
July, 1996	\$1,577,321	276.21	-13.70	262.51	\$1,270,055	\$307,266	3,683,019
August	1,542,640	281.28	19.77	301.05	1,222,143	320,497	4,003,516
September	3,480,665	280.32	19.77	300.09	1,147,616	2,333,049	6,336,565
October	1,981,731	285.58	19.77	305.35	1,678,255	303,476	6,640,041
November	5,261,558	283.73	19.77	303.50	3,848,377	1,413,181	8,053,222
December	9,180,230	299.06	19.77	318.83	8,008,678	1,171,552	9,224,774
January, 1997	9,821,611 T	315.29 ✓	19.77, S	335.06 M	10,398,729 M	-577,118 M	8,647,656 N/M
February		341.51	19.77	361.28			
March		332.62	19.77	352.39			
April							
May							
June							
TOTALS	\$32,845,756 T				\$27,573,853 M	\$5,271,903 M	

New ACA = $\frac{\text{Total accum. under (over) recovery, 12 months ended June 30}}{\text{Actual sales to Kansas retail customers, 12 months ended June 30}}$ = $\frac{3,375,753}{17,078,618 \text{ MCF}}$ = 19.77 c/MCF

* Total recovery is the product of the current month's cost recovery per unit (i) and the current month's sales in MCF, plus prior period adjustments.

P.T.S.
2-16-97

005

6TH FLOOR GO

9135756427

15:50

02/26/97

WESTERN RESOURCES, INC.
SUMMARY OF COST OF GAS BALANCES

Applicable To : RSt, GSt, LVSt, SRI, ICI
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
12 Months Ended: June 30, 1997
Sheet 3B

MAIN SYSTEM

Month	Deliveries to Kansas Customers Column (f) Sheet 3A (f)	Cost Component Used in COGR (c/MCF) (g)	Prior Year Actual Cost Adjustment (c/MCF) (h)	Total Cost Recovery Per Unit (g + h) (i)	Total Recovery (i x e) (j)	Under (Over) Recovery (f - j) (k)	Accumulated Under (Over) Recovery (l)
Actual Cost Remainder							\$3,375,753
July, 1996	\$1,577,321	276.21	-13.70	262.51	\$1,270,055	\$307,266	3,683,019
August	1,542,640	281.28	19.77	301.05	1,222,143	320,497	4,003,516
September	3,480,665	280.32	19.77	300.09	1,147,616	2,333,049	6,336,565
October	1,981,731	285.58	19.77	305.35	1,678,255	303,476	6,640,041
November	5,261,558	283.73	19.77	303.50	3,848,377	1,413,181	8,053,222
December	9,180,230	299.06	19.77	318.83	8,008,678	1,171,552	9,224,774
January, 1997	9,894,383	315.29	19.77	335.06	0	9,894,383	19,119,157
February		341.51	19.77	361.28			
March		332.62	19.77	352.39			
April							
May							
June							
TOTALS	\$32,918,528				\$17,175,124	\$15,743,404	

0 ?

revised on 2-26-97

New ACA = $\frac{\text{Total accum. under (over) recovery, 12 months ended June 30}}{\text{Actual sales to Kansas retail customers, 12 months ended June 30}}$ = $\frac{3,375,753}{17,078,618 \text{ MCF}}$

19.77 c/MCF
FEB 25 1997

* Total recovery is the product of the current month's cost recovery per unit (i) and the current month's sales in MCF, plus prior period adjustments.

2-9

WESTERN RESOURCES, INC.
SUMMARY OF COST OF GAS BALANCES

Applicable To : RSt, GSt, LVSt, SRt, ICT
 Reporting Date: February 25, 1997
 Effective Date: March 6, 1997
 12 Months Ended: June 30, 1997
 Sheet 3A

MAIN SYSTEM

Month	Actual Purchased Gas Cost ** (a)	Line Loss Limit Factor Line 4, Form PGA-1 (b)	Recoverable Purchased Gas Cost (a x b) (c)	Actual Sales (MCF) (d)	Sales to Kansas Retail Customers (MCF) (e)	Cost of Gas Deliveries To Kansas Customers c x e ----- d (f) ***
July, 1996	\$1,577,321	1.00	\$1,577,321	509,039	509,039	\$1,577,321
August	1,542,640	1.00	1,542,640	416,886	416,886	1,542,640
September	3,480,665	1.00	3,480,665	375,215	375,215	3,480,665
October	1,981,731	1.00	1,981,731	530,144	530,144	1,981,731
November	5,261,558	1.00	5,261,558	1,201,700	1,201,700	5,261,558
December	9,180,230	1.00	9,180,230	2,509,187	2,509,187	9,180,230
January, 1997	9,821,611 ✓	1.00 ✓	9,821,611 T	3,129,083 ✓	3,129,083 T	9,821,611 T
February						
March						
April						
May						
June						
TOTALS	\$32,845,756		\$32,845,756 M	8,671,254	8,671,254 M	\$32,845,756 T

Settlement Computation (ACA)*

- * Purchased Gas Cost = Cost of Gas Purchased +/- Exchange Gas Cost - Cost of Stored Gas + Cost of Gas Withdrawn = (FPC accts. (800 + 801 + 802 + 803 + 804 + 805) +/- 806 + 808 - 809).
- ** Does not include penalties.
- *** Carry amounts in column (f) to Sheet 3B

P.T.S.
2-26-97

004
6TH FLOOR GO
9135756427
15:49
02/26/97

WESTLAW RESOURCES, INC.
SUMMARY OF COST OF GAS BALANCES

2-10

Applicable To : RSt, GSt, LVSt, SRt, ICI
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
12 Months Ended: June 30, 1997
Sheet 3A

MAIN SYSTEM

Month	Actual Purchased Gas Cost (a)	Line Loss Limit Factor Line 4, Form PGA-1 (b)	Recoverable Purchased Gas Cost (a x b) (c)	Actual Sales (MCF) (d)	Sales to Kansas Retail Customers (MCF) (e)	Cost of Gas Deliveries To Kansas Customers
						c x e ----- d (f) ***
July, 1996	\$1,577,321	1.00	\$1,577,321	509,039	509,039	\$1,577,321
August	1,542,640	1.00	1,542,640	416,886	416,886	1,542,640
September	3,480,665	1.00	3,480,665	375,215	375,215	3,480,665
October	1,981,731	1.00	1,981,731	530,144	530,144	1,981,731
November	5,261,558	1.00	5,261,558	1,201,700	1,201,700	5,261,558
December	9,180,230	1.00	9,180,230	2,509,187	2,509,187	9,180,230
January, 1997	9,894,383	1.00	9,894,383	0	0	9,894,383
February						
March						
April						
May						
June						
TOTALS	\$32,918,528		\$32,918,528	5,542,171	5,542,171	\$32,918,528

0
7

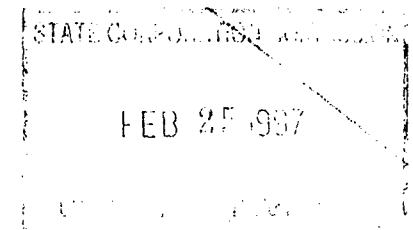
revised on 2-26-97

Settlement Computation (ACA)*

* Purchased Gas Cost = Cost of Gas Purchased +/- Exchange Gas
Cost - Cost of Stored Gas + Cost of Gas Withdrawn =
(FPC accts. (800 + 801 + 802 + 803 + 804 + 805) +/- 806 + 808 - 809).

** Does not include penalties.

*** Carry amounts in column (f) to Sheet 3B



MAIN SYSTEM - MONTH OF JANUARY 1997

Billing Month	Recovery Rate		Mcf		Amount
	RSt, SRt, LVSt	GSt	RSt, SRt, LVSt	GSt	
February, 1997	3.6128	3.6332	16,100	7,773	86,407
January, 1997	3.3506	3.3710	2,087,762	982,859	10,308,473
December, 1996	3.1883	3.2087	19,239	15,026	109,554
November, 1996	3.0350	3.0554	-55	169	349
October, 1996	3.0535	3.0535	8	90	299
September, 1996	3.0009	3.0009	5	-9	-12
August, 1996	3.0105	3.0105	-5	37	96
July, 1996	2.6251	2.6251	1	-201	-525
June, 1996	2.5787	2.5787	5	92	250
May, 1996	2.6239	2.6239	0	195	512
April, 1996	2.5568	2.5568	2	-7	-13
March, 1996	2.5229	2.5229	9	-9	0
February, 1996	2.5485	2.5485	8	-9	-3
January, 1996	2.5413	2.5413	-2	0	-5
Curtailement Penalty					0
Cash-in/Cash-out					-106,724
Rounding/Adjustments			0	0	71
Total Main System			2,123,077 M	1,006,006 M	10,398,729 M

Handwritten notes:
 -62
 -735
 -107,282

Handwritten note:
 3,129,083

FIRM & PRB - MONTH OF JANUARY 1997

Billing Month	Recovery Rate		Mcf		Amount
	Rsk, LVsk	Gsk	Rsk, LVsk	Gsk	
February, 1997	4.4451	4.4658	130,998	36,722	746,292
January, 1997	4.1061	4.1268	8,769,792	2,952,400	48,193,607
December, 1996	3.7275	3.7482	37,809	22,549	225,451
November, 1996	3.4545	3.4752	247	-899	-2,271
October, 1996	3.4636	3.4636	-3	-208	-731
September, 1996	3.4487	3.4487	-41	-65	-366
August, 1996	3.4855	3.4855	-5	-83	-307
July, 1996	3.8206	3.8206	3	-72	-264
June, 1996	3.8393	3.8393	92	-17	288
May, 1996	3.9209	3.9209	-4	-55	-231
April, 1996	3.7743	3.7743	-18	-66	-317
March, 1996	3.6676	3.6676	16	-61	-165
February, 1996	3.6286	3.6286	-8	-67	-272
January, 1996	3.6148	3.6148	-34	-73	-387
June, 1995	2.9147	2.9147	-6	0	-17
February, 1995	2.6495	2.6495	-9	0	-24
December, 1993	3.7236	3.7236	-3	0	-11
March, 1993	3.0247	3.0247	-12	0	-36
October, 1992	2.8129	2.8129	-3	0	-8
Curtailement Penalty					176,133
Cash-in/Cash-out					-8,776
Contract/Daily Demand					0
Rounding/Adjustments			0	0	997
Total Firm			8,938,811	3,010,005	49,328,585

Handwritten note:
 P.T.S.
 2-26-97

AS AVAILABLE GAS SALES SERVICE - MONTH OF JANUARY 1997

	MMBtu	Mcf	AMOUNT
Recoveries / PGA offset			
Amoco Invoice	-1,074	-704	-3,378.70
WNG transportation costs	-1,045	-685	176.76
75% of profits -	0	0	-427.88
Total Recoveries/PGA Offset	-1,074	-704	-3,629.82

Handwritten note:
 FEB 25 1997

PC 1/12/97

**WESTERN RESOURCES
SALES RECOVERY - KANSAS
RECAP OF FERC TRANSITION COST RECOVERIES
KPP DIRECT BILL & RELEASED CAPACITY RECOVERIES
MONTH OF JANUARY 1997**

12/97
9:22 PM

RATE CODE & REV. CLASS	FERC TRANSITION COSTS		KPP DIRECT BILL		RELEASED CAPACITY	
	MCF	RECOVERY	MCF	RECOVERY	MCF	RECOVERY
MAIN SYSTEM						
701 (21) RSt	2,066,382	-1,293.46			2,121,676	-12,123.39
703 (21) RSt41	282	-0.18			282	-1.61
700 (23) GSt	929,391	-564.01			935,516	-5,334.95
702,717 (23) GSt41 **	0	0.00			0	0.00
704 (23) LVSt	0	0.00			0	0.00
708 (23) GSt41	2,711	-1.62			2,712	-15.48
715 (23) GSt	2,888	-12.62			3,117	-12.87
716 (23) GSt	48	-0.03			49	-0.29
719 (23) EGISR	256	-0.15			285	-1.64
720 (23) EGISR	615	-0.37			676	-3.89
721 (23) GSt41	0	0.00			0	0.00
736 (23) GSt	24,011	-14.42			24,035	-136.98
738 (23) GLt41 **	0	0.00			0	0.00
705 (25) LVSt	0	0.00			0	0.00
709-710 (25) GSt & GSt41 **	0	0.00			0	0.00
728-729 (25) GLt & GLt41 **	290	15.46			290	-8.93
730,777 (25) Lit **	0	0.00			0	0.00
733 (25) GSt41	285	-0.17			285	-1.62
735 (25) GSt	39,023	-23.43			39,041	-222.52
737 (25) GLt41 **	0	0.00			0	0.00
772 (28) SRt (Prior Rate 770)	1,119	-0.67			1,119	-6.38
760 (30) (PP) Lit **	0	0.00			0	0.00
700 (36) (INT.) GSt	0	0.00			0	0.00
Total Main System	3,067,301 M	-1,895.67 M			3,129,083 M	-17,870.55 M
CITY GATE SYSTEM:						
792 (21) RSk	421,423	54,846.46	421,423	9,229.93	421,423	-8,977.14
801 (21) RSk	6,942	903.85	6,942	152.03	6,942	-147.87
808 (21) RSk	1,055	137.36	1,055	23.10	1,055	-22.47
821 (21) RSk	492	64.06	492	10.78	492	-10.48
824 (21) RSk	8,508,915	1,107,282.79	8,508,924	186,346.86	8,508,930	-181,254.04
802 (23) GSk	1,030	134.10	1,030	22.55	1,030	-21.94
803 (23) GSk	241	31.38	241	5.28	241	-5.13
804 (23) GSk	2,853,954	371,583.82	2,853,954	62,504.94	2,853,954	-60,788.42
806 (23) GSk	2,213	288.14	2,213	48.46	2,213	-47.13
807 (23) GSk	175	22.78	175	3.83	175	-3.73
820 (23) GSk	132	17.19	132	2.89	132	-2.81
840 (23) GSk	145,209	18,905.70	145,209	3,180.19	145,209	-3,093.08
815 (25) GSk	873	113.67	873	19.13	873	-18.59
816 (25) GSk	0	0.00	0	0.00	0	0.00
844 (25) GSk	6,004	781.71	6,004	131.51	6,004	-127.88
804 (36) GSk	174	22.65	174	3.81	174	-3.71
840 (36) GSk	0	0.00	0	0.00	0	0.00
811 (23) LVSk	0	0.00	0	0.00	0	0.00
850-853 (23) **	0	0.00	0	0.00	0	0.00
812 (25) LVSk	0	0.00	0	0.00	0	0.00
858-859, 866-867 (25) **	0	0.00	0	0.00	0	0.00
Total City Gate System	11,948,832	1,555,135.66	11,948,841	261,685.29	11,948,847	-254,524.39
GRAND TOTAL - KANSAS	15,016,133	1,553,239.99	11,948,841	261,685.29	15,077,930	-272,394.94

*P.T.S.
2-26-97*

**NOTE: These rates have prior period adj. only since they are frozen or transport rates. (Effective 5/1/96)

FEB 25 1997

2-12

**WESTERN RESOURCES
SALES RECOVERY - MAIN SYSTEM - KANSAS
MONTH OF JANUARY 1997**

RATE CODE & REV. CLASS	IMBEDDED					FERC & KANS. TRANSITION RELEASED	
	MCF	+ PGA	ACA	REFUND	TAKE-PAY	COSTS	CAPACITY
RESIDENTIAL							
701 (21) RSt	2,121,676	6,690,604.87	419,438.38	-0.05		-1,293.46	-12,123.39
703 (21) RSt41	282	889.11	55.75			-0.18	-1.61
Total Residential	2,121,958 M	6,691,493.98 M	419,494.13 M	-0.05 T	0.00	-1,293.64 M	-12,125.00 M
COMMERCIAL							
700 (23) GSt	935,516	2,949,159.66	204,045.49	0.07		-564.01	-5,334.95
702, 717 (23) GSt41 **	0	0.00	0.00			0.00	0.00
704 (23) LVSt	0	0.00	0.00			0.00	0.00
708 (23) GSt41	2,712	8,611.99	591.47			-1.62	-15.48
715 (23) GSt	3,117	9,857.03	750.03	0.35		-12.62	-12.87
716 (23) GSt	49	154.50	10.69			-0.03	-0.29
719 (23) EGISR	285	898.57	62.19			-0.15	-1.64
720 (23) EGISR	676	2,131.36	147.46			-0.37	-3.89
721 (23) GSt41	0	0.00	0.00			0.00	0.00
736 (23) GSt	24,035	75,779.96	5,242.06			-14.42	-136.98
738 (23) GLt41 **	0	0.00	0.00			0.00	0.00
Total Commercial	966,390 M	3,046,593.07 M	210,849.39	0.42	0.00	-593.22	-5,506.10
INDUSTRIAL							
705 (25) LVSt	0	0.00	0.00			0.00	0.00
709-710 (25) GSt & GSt41**	0	0.00	0.00			0.00	0.00
728-729 (25) GLt & GLt41 **	290	800.66	-39.73	-1.04		15.46	-8.93
730, 777 (25) Lit **	0	0.00	0.00			0.00	0.00
733 (25) GSt41	285	898.58	62.16			-0.17	-1.62
735 (25) GSt	39,041	123,037.05	8,514.82			-23.43	-222.52
737 (25) GLt41 **	0	0.00	0.00			0.00	0.00
Total Industrial	39,616 M	124,736.29 M	8,537.25	-1.04	0.00	-8.14	-233.07
OTHER SALES							
772 (28) SRt (Prior Rate - 770)	1,119	3,528.09	221.22			-0.67	-6.38
760 (30) (PP) Lit **	0	0.00	0.00			0.00	0.00
700 (36) (INT.) GSt	0	0.00	0.00			0.00	0.00
Total Other Sales	1,119 T	3,528.09 T	221.22	0.00	0.00	-0.67	-6.38
CURTAILMENT PENALTY							
785 (25) LVSt - Industrial		0.00					
786 (23) LVSt - Commercial		0.00					
Total Curtailment Penalty		0.00					
CASH-IN / CASH-OUT							
741 (38) LVTt - Industrial	-39,481 ✓	-106,284.31					
742 (38) LVTt - Commercial	0	0.00					
743-744 (38) GTt - Commercial	-151 ✓	-439.43					
Total Cash-in / Cash-out	-39,632 M	-106,723.74 M					
KANSAS TRANSITION COSTS							
745 (38) LVTt - Commercial	433,345					8,666.90	
746 (38) LVTt - Industrial	715,266					14,305.32	
747 (38) WTt	276,724					5,534.48	
Total Kansas Transition Costs	1,425,335 M					28,506.70	
TOTAL MAIN SYSTEM ***	3,129,083 M	9,759,627.69 M	639,101.99 M	-0.67 M	0.00	26,611.03 M	-17,870.55 M

STATS DIVISION KANSAS
FEB 25 1997

P.T.S.
2-26-97

** NOTE: These rates have prior period adjustments only since they are now frozen rates or transport rates. (Effective 5/1/96)
*** NOTE: The "Total Main System" Mcf column only includes sales Mcf's. Mcf's on Kansas Transition Costs are transport volumes.

WESTERN RESOURCES, INC.
 FERC ORDER NO. 636
 TRANSITION COSTS

Applicable to : MAIN SYSTEM
 Reporting Date: February 25, 1997
 Effective Date: March 6, 1997
 12 Months Ended: June 30, 1997
 Sheet 5

MAIN SYSTEM

(a)	Remaining Costs (from previous month's costs, column h) (b)	Total Actual Transition Costs (c)	Total Actual Remaining Costs (columns b + c) (d)	Monthly Sales Volume (e)	Cost Recovery Per MCF (from LDC TCR cost recovery plan) (f)	Monthly Recovery (g)	Remaining Costs (column d minus column g) (h)
Beginning Balance							-\$413,078
July, 1996	-\$413,078	\$33,619	-\$379,459	653,131	\$0.0533	\$33,587	-413,046
August	-413,046	34,058	-378,988	263,092	-0.0006	3,673	-382,661
September	-382,661	34,425	-348,236	205,463	-0.0006	-52	-348,184
October	-348,184	34,074	-314,110	199,605	-0.0006	-3,400	-310,710
November	-310,710	33,574	-277,136	822,619	-0.0006	-571	-276,565
December	-276,565	33,867	-242,698	2,464,381	-0.0006	-1,576	-241,122 ✓
January, 1997	-241,122 T	33,884 ✓	-207,238 M	3,112,089 ✓	-0.0006 S	-1,923	-205,315 ✓ 1/11
February							
March							
April							
May							
June							
TOTAL	-\$413,078	\$237,501	-\$175,577	7,720,380		\$29,738	-\$205,315

See Recop

*P.T.S.
2-26-97*

STATE OF CALIFORNIA
 PUBLIC UTILITIES COMMISSION
 FEB 25 1997

WESTERN RESOURCES, INC.
ESTIMATED CAPACITY RELEASE ACCUMULATED BALANCE

Applicable to : MAIN SYSTEM
 Reporting Date: February 25, 1997
 Effective Date: March 6, 1997
 12 Months Ended: June 30, 1997
 Sheet 7B

MAIN SYSTEM

(a)	Actual Capacity Release \$ Received (Credit) (b)	50% of Actual Capacity Release \$ Received (column b x 50%) (c)	Actual MCF Sales Volumes (d)	Total Capacity Release Factor (Cents / MCF) (From Sheet 7A) (e)	Capacity Release \$ Refunded (Column d x e / 100) (f)	Capacity Release (Under) / Over Disbursement (Column c - f) (g)	Accumulated (Under) / Over Balance (h)
Prior Balance							-\$76,976
July 1996	\$94,284	\$47,142	656,511	-3.08	\$19,386	-\$27,756	-104,732
August	102,850	51,425	483,235	-0.57	4,688	-46,737	-151,469
September	160,703	80,352	436,479	-0.57	2,665	-77,687	-229,156
October	64,381	32,191	536,535	-0.57	1,611	-30,580	-259,736
November	102,744	51,372	1,242,449	-0.57	7,104	-44,268	-304,004
December	59,968	29,984	2,577,241	-0.57	14,730	-15,254	-319,258
January, 1997	51,842 ✓	25,921 M	3,173,871 ✓	-0.57 S	18,126	-7,795 M	-327,053 1/2
February	0	0	0	-0.57	0	0	-327,053
March	0	0	0	-0.57	0	0	-327,053
April	0	0	0	-0.57	0	0	-327,053
May	0	0	0	-0.57	0	0	-327,053
June	0	0	0	-0.57	0	0	-327,053
TOTAL	\$636,772	\$318,387	9,106,321		\$68,310	-\$250,077	-\$327,053

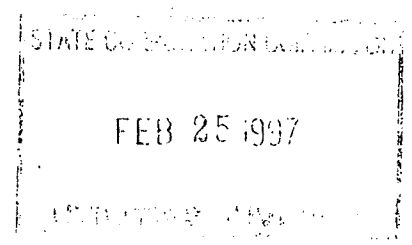
See Recup

Accumulated Capacity
 Release Factor = Total Accumulated Balance (Column h) -76,976

 Total Sales (Column d) 19,794,959

= -0.39 c/MCF

*P.T.S.
2-26-97*



**WESTERN RESOURCES, INC.
ESTIMATED CAPACITY RELEASE FACTOR CALCULATION**

Applicable to : MAIN SYSTEM
 Reporting Date: February 25, 1997
 Effective Date: March 6, 1997
 12 Months Ended: June 30, 1997
 Sheet 7A

MAIN SYSTEM

(a)	Estimated Monthly Capacity Release Volumes (b)	Estimated Capacity Release Rate (Credit) (c)	Total \$ Estimated Capacity Release (Column b x c) (d)	50% of Estimated Capacity Release \$ (column d x 50%) (e)	Estimated MCF Sales Volumes (f)	Estimated Monthly Capacity Release Refund Factor (Cents / MCF) (Column e / f x100) (g)	Accumulated Capacity Release Factor (Cents / MCF) (From Sheet 7B) (h)	Total Capacity Release Factor (Cents / MCF) (Column g + h) (i)
July 1996	89,500	0.0644	\$5,760	\$2,880	524,671			
August	93,000	0.0643	5,980	2,990	621,880			
September	105,000	0.0645	6,770	3,385	547,780			
October	62,000	0.0645	4,000	2,000	640,568			
November	60,000	0.0650	3,900	1,950	1,288,929			
December	31,000	0.0645	2,000	1,000	2,253,304			
January, 1997	31,000	0.0968	3,000	1,500	3,189,932			
February	27,500	0.0945	2,600	1,300	3,168,743			
March	46,500	0.0946	4,400	2,200	2,267,629			
April	68,900	0.1016	7,000	3,500	1,812,632			
May	97,200	0.1019	9,900	4,950	871,001			
June	108,000	0.1019	11,000	5,500	681,185			
TOTAL	819,600		\$66,310	\$33,155	17,868,254 S	-0.19	-0.39	-0.57

P.T.S.
2-26-97

STATISTICS ESTIMATED
 FEB 25 1997

WESTERN RESOURCES, INC.
NET GAS COST SUMMARY

2-17

Applicable To : RSk (Residential)
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
Sheet 1

K SYSTEM .7425 %

The following computation is submitted in support of net gas costs affecting consumption billed on or after the first billing cycle in

March 1997
\$186,581,702 ^{N/M}
98.21% S
96.00% S
1.00 ✓
\$186,581,702 T
44,908,009 MCF S
415.48 c/MCF ^{N/M}
-1.49 c/MCF S
0.00 c/MCF
0.00 c/MCF
-2.13 c/MCF S
0.00 c/MCF
15.57 c/MCF New
2.19 c/MCF S
429.62 c/MCF ^{N/M}

1. Total estimated Base Gas Cost, 12 months ending June 30, 1997 (Sheet 2)
2. 100% minus actual line loss of 1.79%, 12 months ending June 30, 1997
3. 100% minus line loss limit of 4.00% (Column 5, line loss test)
4. Line Loss Limit Factor (Line 2 divided by Line 3). If greater than 1.00, write 1.00 in this space.
5. Recoverable Base Gas Cost (Line 4 times Line 1)
6. Estimated Sales Volumes, 12 months ending June 30, 1997
7. Estimated average recoverable Base Gas Cost Factor (Line 5 divided by Line 6)
8. Actual Cost Adjustment (Sheet 3B, Column H)
9. Take or Pay Cost Factor (Sheet 4, Column H)
10. Refund Factor
11. Capacity Release Factor (7A, Column I)
12. Penalty Recovery Factor
13. Transition Cost Recovery Factor (Sheet 5, Column F)
14. Kansas Pipeline Partnership Direct Bill, Docket No. 190,362-U (Sheet 6, Column F)
15. Total Net Gas Cost (Lines 7 through 14)

P.T.S.
2-26-97

Line Loss Test		Test Period: 12 months ended May 31, 1996		
(1) MCF Purchased Net of Exchange and Storage	(2) MCF Sold	(3) MCF Loss (1 - 2)	(4) Line Loss (3 / 1)	(5) Line Loss 4.00%
63,465,127	62,328,022	1,137,105	1.79%	

KANSAS CORPORATION COMMISSION
FEB 25 1997
UTILITIES DIVISION

* All c/MCF calculations are rounded to the nearest .01 c/MCF.
Sheets 1 through 3 and related subsheets (if any) are filed pursuant to Order No. 114,772-U of the Kansas Corporation Commission, dated June 9, 1978.

By: Douglas L. Will
DOUGLAS L. WILL
Supervisor, Revenue Requirements

NOTE: This sheet must be filed monthly. Lines 1 and 5 are recomputed only upon changes in the price of purchased gas. Lines 2, 4, and 6 are recomputed only annually on June 1.

WE: RN RESOURCES, INC.
NET GAS COST SUMMARY

81-8

Applicable To : GSk (Small Commercial)
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
Sheet 1

K SYSTEM

251,278,201

The following computation is submitted in support of net gas costs affecting consumption billed on or after the first billing cycle in

March 1997

- | | |
|---|-----------------------------|
| 1. Total estimated Base Gas Cost, 12 months ending June 30, 1997 (Sheet 2) | \$64,275,119 ^{N/M} |
| 2. 100% minus actual line loss of 1.79%, 12 months ending June 30, 1997 | 98.21% S |
| 3. 100% minus line loss limit of 4.00% (Column 5, line loss test) | 96.00% S |
| 4. Line Loss Limit Factor (Line 2 divided by Line 3). If greater than 1.00, write 1.00 in this space. | 1.00 ✓ |
| 5. Recoverable Base Gas Cost (Line 4 times Line 1) | \$64,275,119 T |
| 6. Estimated Sales Volumes, 12 months ending June 30, 1997 | 15,470,261 MCF S |
| 7. Estimated average recoverable Base Gas Cost Factor (Line 5 divided by Line 6) | 415.48 c/MCF ^{N/M} |
| 8. Actual Cost Adjustment (Sheet 3B, Column H) | 0.58 c/MCF S |
| 9. Take or Pay Cost Factor (Sheet 4, Column H) | 0.00 c/MCF |
| 10. Refund Factor | 0.00 c/MCF |
| 11. Capacity Release Factor (7A, Column I) | -2.13 c/MCF S |
| 12. Penalty Recovery Factor | 0.00 c/MCF |
| 13. Transition Cost Recovery Factor (Sheet 5, Column F) | 15.57 c/MCF ^{N/M} |
| 14. Kansas Pipeline Partnership Direct Bill, Docket No. 190,362-U (Sheet 6, Column F) | 2.19 c/MCF S |
| 15. Total Net Gas Cost (Lines 7 through 14) | 431.69 c/MCF ^{N/M} |

P.T.S.
2-26-97

Line Loss Test		Test Period: 12 months ended May 31, 1996		
(1) MCF Purchased Net of Exchange and Storage	(2) MCF Sold	(3) MCF Loss (1 - 2)	(4) Line Loss (3 / 1)	(5) Line Loss Limit 4.00%
63,465,127	62,328,022	1,137,105	1.79%	

STATE CORPORATION COMMISSION
FEB 25 1997
UTILITIES DIVISION

* All c/MCF calculations are rounded to the nearest .01 c/MCF.
Sheets 1 through 3 and related subsheets (if any) are filed pursuant to Order No. 114,772-U of the Kansas Corporation Commission, dated June 9, 1978.

By: Douglas L. Will
DOUGLAS L. WILL
Supervisor, Revenue Requirements

NOTE: This sheet must be filed monthly. Lines 1 and 5 are recomputed only upon changes in the price of purchased gas. Lines 2, 4, and 6 are recomputed only annually on June 1.

WESTERN RESOURCES, INC.
NET GAS COST SUMMARY

2-19

Applicable To : GSk (Small Industrial)
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
Sheet 1

K SYSTEM

The following computation is submitted in support of net gas costs affecting consumption billed on or after the first billing cycle in

March 1997

- | | |
|---|-----------------------------|
| 1. Total estimated Base Gas Cost, 12 months ending June 30, 1997 (Sheet 2) | \$315,304 ^{N/M} |
| 2. 100% minus actual line loss of 1.79%, 12 months ending June 30, 1997 | 98.21% S |
| 3. 100% minus line loss limit of 4.00% (Column 5, line loss test) | 96.00% S |
| 4. Line Loss Limit Factor (Line 2 divided by Line 3). If greater than 1.00, write 1.00 in this space. | 1.00 ✓ |
| 5. Recoverable Base Gas Cost (Line 4 times Line 1) | \$315,304 T |
| 6. Estimated Sales Volumes, 12 months ending June 30, 1997 | 75,890 MCF S |
| 7. Estimated average recoverable Base Gas Cost Factor (Line 5 divided by Line 6) | 415.48 c/MCF ^{N/M} |
| 8. Actual Cost Adjustment (Sheet 3B, Column H) | 0.58 c/MCF S |
| 9. Take or Pay Cost Factor (Sheet 4, Column H) | 0.00 c/MCF |
| 10. Refund Factor | 0.00 c/MCF |
| 11. Capacity Release Factor (7A, Column I) | -2.13 c/MCF S |
| 12. Penalty Recovery Factor | 0.00 c/MCF |
| 13. Transition Cost Recovery Factor (Sheet 5, Column F) | 15.57 c/MCF ^{New} |
| 14. Kansas Pipeline Partnership Direct Bill, Docket No. 190,362-U (Sheet 6, Column F) | 2.19 c/MCF S |
| 15. Total Net Gas Cost (Lines 7 through 14) | 431.69 c/MCF ^{N/M} |

P.T.S.
2-26-97

Line Loss Test		Test Period: 12 months ended May 31, 1996		
(1) MCF Purchased Net of Exchange and Storage	(2) MCF Sold	(3) MCF Loss (1 - 2)	(4) Line Loss (3 / 1)	(5) Line Loss Limit
63,465,127	62,328,022	1,137,105	1.79%	

* All c/MCF calculations are rounded to the nearest .01 c/MCF.
Sheets 1 through 3 and related subsheets (if any) are filed pursuant to Order No. 114,772-U of the Kansas Corporation Commission, dated June 9, 1978.

By: Douglas L. Will
DOUGLAS L. WILL
Supervisor, Revenue Requirements

KANSAS CORPORATION COMMISSION
FEB 25 1997
UTILITIES DIVISION

NOTE: This sheet must be filed monthly. Lines 1 and 5 are recomputed only upon changes in the price of purchased gas. Lines 2, 4, and 6 are recomputed only annually on June 1.

WESTERN RESOURCES, INC.
NET GAS COST SUMMARY

2-20

Applicable To : LVSk (Large Commercial)
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
Sheet 1

K SYSTEM

The following computation is submitted in support of net gas costs affecting consumption billed on or after the first billing cycle in

March 1997

- | | |
|---|-------------------------|
| 1. Total estimated Base Gas Cost, 12 months ending June 30, 1997 (Sheet 2) | \$41,805 <i>N/M</i> |
| 2. 100% minus actual line loss of 1.79%, 12 months ending June 30, 1997 | 98.21% <i>S</i> |
| 3. 100% minus line loss limit of 4.00% (Column 5, line loss test) | 96.00% <i>S</i> |
| 4. Line Loss Limit Factor (Line 2 divided by Line 3). If greater than 1.00, write 1.00 in this space. | 1.00 <i>✓</i> |
| 5. Recoverable Base Gas Cost (Line 4 times Line 1) | \$41,805 <i>T</i> |
| 6. Estimated Sales Volumes, 12 months ending June 30, 1997 | 10,062 MCF <i>S</i> |
| 7. Estimated average recoverable Base Gas Cost Factor (Line 5 divided by Line 6) | 415.48 c/MCF <i>N/M</i> |
| 8. Actual Cost Adjustment (Sheet 3B, Column H) | -1.49 c/MCF <i>S</i> |
| 9. Take or Pay Cost Factor (Sheet 4, Column H) | 9.75 c/MCF <i>S</i> |
| 10. Refund Factor | -8.46 c/MCF <i>S</i> |
| 11. Capacity Release Factor (7A, Column I) | -2.13 c/MCF <i>S</i> |
| 12. Penalty Recovery Factor | 0.00 c/MCF |
| 13. Transition Cost Recovery Factor (Sheet 5, Column F) | 15.57 c/MCF <i>New</i> |
| 14. Kansas Pipeline Partnership Direct Bill, Docket No. 190,362-U (Sheet 6, Column F) | 2.19 c/MCF <i>S</i> |
| 15. Total Net Gas Cost (Lines 7 through 14) | 430.91 c/MCF <i>N/M</i> |

*P.T.S.
2-26-97*

Line Loss Test		Test Period: 12 months ended May 31, 1996		
(1) MCF Purchased Net of Exchange and Storage	(2) MCF Sold	(3) MCF Loss (1 - 2)	(4) Line Loss (3 / 1)	(5) Line Loss Limit
63,465,127	62,328,022	1,137,105	1.79%	4.00%

KANSAS CORPORATION COMMISSION
FEB 25 1997
UTILITIES DIVISION

* All c/MCF calculations are rounded to the nearest .01 c/MCF.
Sheets 1 through 3 and related subsheets (if any) are filed pursuant to Order No. 114,772-U of the Kansas Corporation Commission, dated June 9, 1978.

By: *Douglas L. Will*
DOUGLAS L. WILL
Supervisor, Revenue Requirements

NOTE: This sheet must be filed monthly. Lines 1 and 5 are recomputed only upon changes in the price of purchased gas. Lines 2, 4, and 6 are recomputed only annually on June 1.

WE' RN RESOURCES, INC.
NET GAS COST SUMMARY

2-21

Applicable To : LVSk (Large Industrial)
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
Sheet 1

K SYSTEM

The following computation is submitted in support of net gas costs affecting consumption billed on or after the first billing cycle in

March 1997

- | | |
|---|-------------------------|
| 1. Total estimated Base Gas Cost, 12 months ending June 30, 1997 (Sheet 2) | \$64,270 <i>N/M</i> |
| 2. 100% minus actual line loss of 1.79%, 12 months ending June 30, 1997 | 98.21% <i>S</i> |
| 3. 100% minus line loss limit of 4.00% (Column 5, line loss test) | 96.00% <i>S</i> |
| 4. Line Loss Limit Factor (Line 2 divided by Line 3). If greater than 1.00, write 1.00 in this space. | 1.00 <i>✓</i> |
| 5. Recoverable Base Gas Cost (Line 4 times Line 1) | \$64,270 <i>T</i> |
| 6. Estimated Sales Volumes, 12 months ending June 30, 1997 | 15,469 MCF <i>S</i> |
| 7. Estimated average recoverable Base Gas Cost Factor (Line 5 divided by Line 6) | 415.48 c/MCF <i>N/M</i> |
| 8. Actual Cost Adjustment (Sheet 3B, Column H) | -1.49 c/MCF <i>S</i> |
| 9. Take or Pay Cost Factor (Sheet 4, Column H) | 11.31 c/MCF <i>S</i> |
| 10. Refund Factor | -8.46 c/MCF <i>S</i> |
| 11. Capacity Release Factor (7A, Column I) | -2.13 c/MCF <i>S</i> |
| 12. Penalty Recovery Factor | 0.00 c/MCF |
| 13. Transition Cost Recovery Factor (Sheet 5, Column F) | 15.57 c/MCF <i>New</i> |
| 14. Kansas Pipeline Partnership Direct Bill, Docket No. 190,362-U (Sheet 6, Column F) | 2.19 c/MCF <i>S</i> |
| 15. Total Net Gas Cost (Lines 7 through 14) | 432.47 c/MCF <i>N/M</i> |

*P.T.S.
2-26-97*

Line Loss Test		Test Period: 12 months ended May 31, 1996		
(1) MCF Purchased Net of Exchange and Storage	(2) MCF Sold	(3) MCF Loss (1 - 2)	(4) Line Loss (3 / 1)	(5) Line Loss Limit
63,465,127	62,328,022	1,137,105	1.79%	4.00%

STATE CORPORATION COMMISSION
FEB 25 1997
UTILITIES DIVISION

* All c/MCF calculations are rounded to the nearest .01 c/MCF.
Sheets 1 through 3 and related subsheets (if any) are filed pursuant to Order No. 114,772-U of the Kansas Corporation Commission, dated June 9, 1978.

By: *Douglas L. Will*
DOUGLAS L. WILL
Supervisor, Revenue Requirements

NOTE: This sheet must be filed monthly. Lines 1 and 5 are recomputed only upon changes in the price of purchased gas. Lines 2, 4, and 6 are recomputed only annually on June 1.

WERN RESOURCES, INC.
SUMMARY OF COST OF GAS BALANCES

2-22

Applicable To : RSk, GSk, LVSk
 Reporting Date: February 25, 1997
 Effective Date: March 6, 1997
 12 Months Ended: June 30, 1997
 Sheet 3B

K SYSTEM

Month	Deliveries to Kansas Customers Column (f) Sheet 3A (i)	Cost Component Used in COGR (c/MCF) (g)	Prior Year Actual Cost Adjustment (c/MCF) (h)	Total Cost Recovery Per Unit (g + h) (i)	Total Recovery (i x e) * (j)	Under (Over) Recovery (f - j) (k)	Accumulated Under (Over) Recovery (l)
Actual Cost Remainder							-\$2,145,249
July, 1996	\$13,723,479	367.30	14.76	382.06	\$10,206,012	\$3,517,467	1,372,218
August	15,516,361	352.01	-3.46	348.55	11,069,613	4,446,748	5,818,966
September	13,937,174	348.33	-3.46	344.87	8,195,498	5,741,676	11,560,642
October	17,781,536	347.85	-1.49	346.36	12,130,253	5,651,283	17,211,925
November	33,495,753	346.94	-1.49	345.45	21,170,658	12,325,095	29,537,020
December	44,147,983	374.24	-1.49	372.75	38,143,403	6,004,580	35,541,600
January, 1997	61,966,391 T	412.10 ✓	-1.49 S	410.61 M	49,324,955 T	12,641,436 M	48,183,036 M
February		446.00	-1.49	444.51			
March		415.48	-1.49	413.99			
April							
May							
June							
TOTAL	\$200,568,677 T				\$150,240,392 M	\$50,328,285 M	
New ACA =				Total accum. under (over) recovery, 12 months ended June 30 -923,630	Actual sales to Kansas retail customers, 12 months ended June 30 62,029,041 MCF	= <u>-1.49 c/MCF</u> S	

* Total recovery is the product of the current month's cost recovery per unit (i) and the current month's sales in MCF, plus prior period adjustments.

P.T.S.
2-26-97

02/26/97 15:49 9135756427 6TH FLOOR GO 003

WESTERN RESOURCES, INC.
SUMMARY OF COST OF GAS BALANCES

2-23

K SYSTEM

Applicable To : RSk, GSk, LVSk
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
12 Months Ended: June 30, 1997
Sheet 3B

Month	Deliveries to Kansas Customers Column (f) Sheet 3A (f)	Cost Component Used in COGR (c/MCF) (g)	Prior Year Actual Cost Adjustment (c/MCF) (h)	Total Cost Recovery Per Unit (g + h) (i)	Total Recovery (i x e) * (j)	Under (Over) Recovery (f - j) (k)	Accumulated Under (Over) Recovery (l)
Actual Cost Remainder							-\$2,145,249
July, 1996	\$13,723,479	367.30	14.76	382.06	\$10,206,012	\$3,517,467	1,372,218
August	15,516,361	352.01	-3.46	348.55	11,069,613	4,446,748	5,818,966
September	13,937,174	348.33	-3.46	344.87	8,195,498	5,741,676	11,560,642
October	17,781,536	347.85	-1.49	346.36	12,130,253	5,651,283	17,211,925
November	33,495,753	346.94	-1.49	345.45	21,170,658	12,325,095	29,537,020
December	44,147,983	374.24	-1.49	372.75	38,143,403	6,004,580	35,541,600
January, 1997	61,966,391	412.10	-1.49	410.61	-800	61,967,191	97,508,791
February		446.00	-1.49	444.51			
March		415.48	-1.49	413.99			
April							
May							
June							
TOTAL	\$200,568,677				\$100,914,637	\$99,654,040	
New ACA =	Total accum. under (over) recovery, 12 months ended June 30			-923,630			
	Actual sales to Kansas retail customers, 12 months ended June 30			62,029,041 MCF			

revised on 2-26-97

STATE CORPORATION COMMISSION
FEB 25 1997

* Total recovery is the product of the current month's cost recovery per unit (i) and the current month's sales in MCF, plus prior period adjustments.

WERN RESOURCES, INC.
SUMMARY OF COST OF GAS BALANCES

2-24

Applicable To : RSk, GSk, LVSk
 Reporting Date: February 25, 1997
 Effective Date: March 6, 1997
 12 Months Ended: June 30, 1997
 Sheet 3A

K SYSTEM

Month	Actual Purchased Gas Cost ** (a)	Line Loss Limit Factor Line 4, Form PGA-1 (b)	Recoverable Purchased Gas Cost (a x b) (c)	Actual Sales (MCF) (d)	Sales to Kansas Retail Customers (MCF) (e)	Cost of Gas Deliveries To Kansas Customers
						c x e ----- d (f) ***
July, 1996	\$13,723,479	1.00	\$13,723,479	1,294,930	1,294,930	\$13,723,479
August	15,516,361	1.00	15,516,361	1,213,828	1,213,828	15,516,361
September	13,937,174	1.00	13,937,174	1,285,207	1,285,207	13,937,174
October	17,781,536	1.00	17,781,536	1,866,347	1,866,347	17,781,536
November	33,495,753	1.00	33,495,753	4,699,355	4,699,355	33,495,753
December	44,147,983	1.00	44,147,983	9,572,020	9,572,020	44,147,983
January, 1997	61,966,391 ✓	1.00 ✓	61,966,391 T	11,948,816 ✓	11,948,816 M	61,966,391 T
February						
March						
April						
May						
June						
TOTALS	\$200,568,677		\$200,568,677	31,880,503	31,880,503 M	\$200,568,677 M

Settlement Computation (ACA)*

* Purchased Gas Cost = Cost of Gas Purchased +/- Exchange Gas
 Cost - Cost of Stored Gas + Cost of Gas Withdrawn =
 (FPC accts. (800 + 801 + 802 + 803 + 804 + 805) +/- 806 + 808 - 809).

** Does not include penalties.

*** Carry amounts in column (f) to Sheet 3

P.T.S.
2-26-97

002
6TH FLOOR GO
9135756427
02/26/97 15:48

WESTERN RESOURCES, INC.
SUMMARY OF COST OF GAS BALANCES

2-25

Applicable To : RSk, GSk, LVSk
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
12 Months Ended: June 30, 1997
Sheet 3A

K SYSTEM

Month	Actual Purchased Gas Cost ** (a)	Line Loss Limit Factor Line 4, Form PGA-1 (b)	Recoverable Purchased Gas Cost (a x b) (c)	Actual Sales (MCF) (d)	Sales to Kansas Retail Customers (MCF) (e)	Cost of Gas Deliveries To Kansas Customers
						c x e ----- d (f) ***
July, 1996	\$13,723,479	1.00	\$13,723,479	1,294,930	1,294,930	\$13,723,479
August	15,516,361	1.00	15,516,361	1,213,828	1,213,828	15,516,361
September	13,937,174	1.00	13,937,174	1,285,207	1,285,207	13,937,174
October	17,781,536	1.00	17,781,536	1,866,347	1,866,347	17,781,536
November	33,495,753	1.00	33,495,753	4,699,355	4,699,355	33,495,753
December	44,147,983	1.00	44,147,983	9,572,020	9,572,020	44,147,983
January, 1997	61,966,391	1.00	61,966,391	0	0 ?	61,966,391
February						
March						
April						
May						
June						
TOTALS	\$200,568,677		\$200,568,677	19,931,687	19,931,687	\$200,568,677

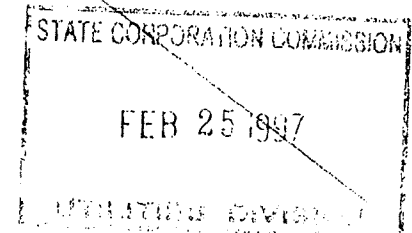
revised on 2-26-97

Settlement Computation (ACA)*

* Purchased Gas Cost = Cost of Gas Purchased +/- Exchange Gas
Cost - Cost of Stored Gas + Cost of Gas Withdrawn =
(FPC accts. (800 + 801 + 802 + 803 + 804 + 805) +/- 806 + 808 - 809).

** Does not include penalties.

*** Carry amounts in column (f) to Sheet 3



MAIN SYSTEM - MONTH OF JANUARY 1997

11:45 A

Billing Month	Recovery Rate RSt, SRt, LVSt	Recovery Rate GSt	Mcf RSt, SRt, LVSt	Mcf GSt	Amount
February, 1997	3.6128	3.6332	16,100	7,773	86,407
January, 1997	3.3506	3.3710	2,087,762	982,859	10,308,473
December, 1996	3.1883	3.2087	19,239	15,026	109,554
November, 1996	3.0350	3.0554	-55	169	349
October, 1996	3.0535	3.0535	8	90	299
September, 1996	3.0009	3.0009	5	-9	-12
August, 1996	3.0105	3.0105	-5	37	96
July, 1996	2.6251	2.6251	1	-201	-525
June, 1996	2.5787	2.5787	5	92	250
May, 1996	2.6239	2.6239	0	195	512
April, 1996	2.5568	2.5568	2	-7	-13
March, 1996	2.5229	2.5229	-9	-9	0
February, 1996	2.5485	2.5485	8	-9	-3
January, 1996	2.5413	2.5413	-2	0	-5
Curtailment Penalty					0
Cash-in/Cash-out					-106,724
Rounding/Adjustments			0	0	71
Total Main System			2,123,077	1,006,006	10,398,729

FIRM & PRB - MONTH OF JANUARY 1997

Billing Month	Recovery Rate RSk, LVSk	Recovery Rate GSk	Mcf RSk, LVSk	Mcf GSk	Amount
February, 1997	4.4451	4.4658	130,998	36,722	746,292
January, 1997	4.1061	4.1268	8,769,792	2,952,400	48,193,607
December, 1996	3.7275	3.7482	37,809	22,549	225,451
November, 1996	3.4545	3.4752	247	-899	-2,271
October, 1996	3.4636	3.4636	-3	-208	-731
September, 1996	3.4487	3.4487	-41	-65	-366
August, 1996	3.4855	3.4855	-5	-83	-307
July, 1996	3.8206	3.8206	3	-72	-264
June, 1996	3.8393	3.8393	92	-17	288
May, 1996	3.9209	3.9209	-4	-55	-231
April, 1996	3.7743	3.7743	-18	-66	-317
March, 1996	3.6676	3.6676	16	-61	-165
February, 1996	3.6286	3.6286	-8	-67	-272
January, 1996	3.6148	3.6148	-34	-73	-387
June, 1995	2.9147	2.9147	-6	0	-17
February, 1995	2.6495	2.6495	-9	0	-24
December, 1993	3.7236	3.7236	-3	0	-11
March, 1993	3.0247	3.0247	-12	0	-36
October, 1992	2.8129	2.8129	-3	0	-8
Curtailment Penalty					176,133
Cash-in/Cash-out					-8,776
Contract/Daily Demand					0
Rounding/Adjustments			0	0	997
Total Firm			8,938,811	3,010,005	49,328,585

AS AVAILABLE GAS SALES SERVICE - MONTH OF JANUARY 1997

	MMBtu	Mcf	AMOUNT
Recoveries / PGA offset			
Amoco Invoice	-1,074	-704	-3,378.70
WNG transportation costs	-1,045	-685	176.76
75% of profits -	0	0	-427.88
Total Recoveries/PGA Offset	-1,074	-704	-3,629.82

\$ 49,324,955 OK
2-26

WESTERN RESOURCES
SALES RECOVERY - KANSAS

RECAP OF FERC TRANSITION COST RECOVERIES
KPP DIRECT BILL & RELEASED CAPACITY RECOVERIES
MONTH OF JANUARY 1997

RATE CODE & REV. CLASS	FERC TRANSITION COSTS		KPP DIRECT BILL		RELEASED CAPACITY	
	MCF	RECOVERY	MCF	RECOVERY	MCF	RECOVERY
MAIN SYSTEM						
701 (21) RSt	2,066,382	-1,293.46			2,121,676	-12,123.39
703 (21) RSt41		282			282	-1.61
700 (23) GSt	929,391	-564.01			935,516	-5,334.95
702,717 (23) GSt41 **	0	0.00			0	0.00
704 (23) LVSt	0	0.00			0	0.00
708 (23) GSt41	2,711	-1.62			2,712	-15.48
715 (23) GSt	2,888	-12.62			3,117	-12.87
716 (23) GSt	48	-0.03			49	-0.29
719 (23) EGISR	256	-0.15			285	-1.64
720 (23) EGISR	615	-0.37			676	-3.89
721 (23) GSt41	0	0.00			0	0.00
736 (23) GSt	24,011	-14.42			24,035	-136.98
738 (23) GLt41 **	0	0.00			0	0.00
705 (25) LVSt	0	0.00			0	0.00
709-710 (25) GSt & GSt41 **	0	0.00			0	0.00
728-729 (25) GLt & GLt41 **	290	15.46			290	-8.93
730,777 (25) Lt **	0	0.00			0	0.00
733 (25) GSt41	285	-0.17			285	-1.62
735 (25) GSt	39,023	-23.43			39,041	-222.52
737 (25) GLt41 **	0	0.00			0	0.00
772 (28) SRt (Prior Rate 770)	1,119	-0.67			1,119	-6.38
760 (30) (PP) Lt **	0	0.00			0	0.00
700 (36) (INT.) GSt	0	0.00			0	0.00
Total Main System	3,067,301	-1,895.67			3,129,083	-17,870.55
CITY GATE SYSTEM:						
792 (21) RSk	421,423	54,846.46	421,423	9,229.93	421,423	-8,977.11
801 (21) RSk	6,942	903.85	6,942	152.03	6,942	-147.87
808 (21) RSk	1,055	137.36	1,055	23.10	1,055	-22.47
821 (21) RSk	492	64.06	492	10.78	492	-10.48
824 (21) RSk	8,508,915	1,107,282.79	8,508,924	186,346.86	8,508,930	-181,254.04
802 (23) GSk	1,030	134.10	1,030	22.55	1,030	-21.94
803 (23) GSk	241	31.38	241	5.28	241	-5.13
804 (23) GSk	2,853,954	371,583.82	2,853,954	62,504.94	2,853,954	-60,788.42
806 (23) GSk	2,213	288.14	2,213	48.46	2,213	-47.13
807 (23) GSk	175	22.78	175	3.83	175	-3.73
820 (23) GSk	132	17.19	132	2.89	132	-2.81
840 (23) GSk	145,209	18,905.70	145,209	3,180.19	145,209	-3,093.08
815 (25) GSk	873	113.67	873	19.13	873	-18.59
816 (25) GSk	0	0.00	0	0.00	0	0.00
844 (25) GSk	6,004	781.71	6,004	131.51	6,004	-127.88
804 (36) GSk	174	22.65	174	3.81	174	-3.71
840 (36) GSk	0	0.00	0	0.00	0	0.00
811 (23) LVSk	0	0.00	0	0.00	0	0.00
850-853 (23) **	0	0.00	0	0.00	0	0.00
812 (25) LVSk	0	0.00	0	0.00	0	0.00
858-859, 866-867 (25) **	0	0.00	0	0.00	0	0.00
Total City Gate System	11,948,832	1,555,135.66	11,948,841	261,685.29	11,948,847	-254,524.39
GRAND TOTAL - KANSAS	15,016,133	-1,553,239.99	11,948,841	261,685.29	15,077,930	-272,394.94

P.T.S.
2-26-97

**NOTE: These rates have prior period adj. only since they are frozen or transport rates. (Effective 5/1/96)

FEB 25 1997

WESTERN RESOURCES, INC.

REFUND ADJUSTMENT Lck, Lcf, Lik. Lif

REFUND AMOUNT

\$9,100.66

CURRENT REFUND PER MCF \$-0.0846

DATE		MCF SOLD	AMOUNT PER MCF	CUSTOMER REFUND	BALANCE REMAINING
June 94	Balance Forward				\$9,100.66
July 94	Customer Refund	2,405	-0.0091	-21.99	9,078.67
August 94	Customer Refund-Prior Mo. Ad	-226	-0.0091	2.06	9,080.73
August 94	Customer Refund	11,152	-0.0199	-221.93	8,858.80
August 94	Refund by Check			-6,148.67	2,710.13
Sept. 94	Customer Refund	-6,973	-0.0199	138.76	2,848.89
Oct. 94	Customer Refund	5,685	-0.0199	-113.14	2,735.75
Nov. 94	Customer Refund	-231	-0.0199	4.58	2,740.33
Dec. 94	Customer Refund	5,733	-0.0199	-114.09	2,626.24
Jan. 95	Customer Refund	2,055	-0.0199	-40.90	2,585.34
Feb. 95	Customer Refund	6,727	-0.0199	-133.88	2,451.46
March 95	Customer Refund	1,849	-0.0199	-36.80	2,414.66
March 95	WNG Refund			507,326.81	509,741.47
March 95	Checks mailed			-504,346.56	5,394.91
March 95	Bad Debts reduced			-3,122.41	2,272.50
April 95	Customer Refund	2,847	-0.0199	-56.67	2,215.83
May 95	Customer Refund	4,007	-0.0199	-79.75	2,136.08
June 95	Customer Refund	33	-0.0199	-0.66	2,135.42
July 95	Customer Refund	2,201	-0.0199	-43.80	2,091.62
August 95	Customer Refund	-64	-0.0199	1.28	2,092.90
August 95	WNG Refund received			3,423.07	5,515.97
Sept. 95	Customer Refund	881	-0.0199	-17.54	5,498.43
Oct. 95	Customer Refund	1,352	-0.0199	-26.93	5,471.50
Nov. 95	Customer Refund-Prior Mo. Ad	-238	-0.0199	4.74	5,476.24
Nov. 95	Customer Refund	7,283	-0.0820	-597.21	4,879.03
Dec. 95	Customer Refund	4,411	-0.0820	-361.70	4,517.33
Jan. 96	Customer Refund	4,555	-0.0820	-373.55	4,143.78
Febr. 96	Customer Refund	10,245	-0.0820	-840.11	3,303.67
Febr. 96	Transfer balance of WNG refund dated 10/95			103.32	3,406.99
March 96	Customer Refund	-2,313	-0.0846	195.67	3,602.66
April 96	Customer Refund	-2,843	-0.0846	240.51	3,843.17
May 96	Customer Refund	0	-0.0846	0.00	3,843.17
June 96	Customer Refund	0	-0.0846	0.00	3,843.17
July 96	Customer Refund	0	-0.0846	0.00	3,843.17
August 96	Customer Refund	0	-0.0846	0.00	3,843.17
Sept. 96	Customer Refund	0	-0.0846	0.00	3,843.17
Oct. 96	Customer Refund	0	-0.0846	0.00	3,843.17
Nov. 96	Customer Refund	0	-0.0846	0.00	3,843.17
Dec. 96	Customer Refund	0	-0.0846	0.00	3,843.17
Jan. 97	Customer Refund	0	-0.0846	0.00	3,843.17 ✓

FEB 25 1997

P.T.S.
2-26-97

**WESTERN RESOURCES
SALES RECOVERY - KANSAS
AS AVAILABLE GAS SALES SERVICE
MONTH OF DECEMBER 1996
TRUE-UP TO ACTUAL**

	MMBTU	MCF	AMOUNT	
INCOME:				
Revenue Class 28-Rate 885	643,185	658,721	2,385,076.87	✓
EXPENSES:				
Cost of Gas Purchase - Amoco	660,094	678,061	2,076,589.71	
Cost of Gas Purchase - Amoco (PMA)	0	0	0.00	
WNG transportation costs	642,140	659,618	9,230.62	
WNG transportation costs - (PMA)	0	0	0.00	
75% of profits	0	0	224,442.41	M
TOTAL EXPENSES	660,094	678,061	2,310,262.74	M
Booked in 12/96 Subledger	661,168	678,765	2,311,063.22	
Balance to book in 01/97 Subledger	-1,074	-704	-800.48	M
GROSS PROFIT FROM AAGS	-16,909	-19,340	74,814.13	
Booked in 12/96 Subledger	-17,983	-20,044	74,013.65	
Balance to book in 01/97 Subledger	1,074	704	800.48	

FEB 25 1997

WESTERN RESOURCES
SALES RECOVERY - KANSAS
AS AVAILABLE GAS SALES SERVICE
MONTH OF JANUARY 1997

	MMBTU	MCF	AMOUNT
INCOME:			
Revenue Class 28-Rate 885	-1,045	-685	-3,772.45
EXPENSES:			
Cost of Gas Purchase - Amoco	0	0	0.00
Cost of Gas Purchase - Amoco (PMA)	0	0	0.00
WNG transportation costs	0	0	0.00
WNG transportation costs - (PMA)	0	0	0.00
75% of profits	0	0	-2,829.34
TOTAL EXPENSES	0	0	-2,829.34 ✓
GROSS PROFIT FROM AAGS	-1,045	-685	-943.11

FEB 25 1997

**WESTERN RESOURCES
SALES RECOVERY - KANSAS
RECAP OF TAKE OR PAY CHARGES
MONTH OF JANUARY 1997**

RATE CODE & REV. CLASS	MCF	VOLUM. RECOVERY	DIRECT BILL RECOVERY	TOTAL RECOVERY
CITY GATE SYSTEM:				
RSk				
792 (21) RSk	0	0.00	0.00	0.00
801 (21) RSk	0	0.00	0.00	0.00
808 (21) RSk	0	0.00	0.00	0.00
821 (21) RSk	0	0.00	0.00	0.00
824 (21) RSk	-17	-0.78	-0.60	-1.38
Total RSk	-17 T	-0.78	-0.60	-1.38
GSk-COMML				
802 (23) GSk	0	0.00	0.00	0.00
803 (23) GSk	0	0.00	0.00	0.00
804 (23) GSk	-1,666	-73.67	-56.99	-130.66
806 (23) GSk	0	0.00	0.00	0.00
807 (23) GSk	0	0.00	0.00	0.00
820 (23) GSk	0	0.00	0.00	0.00
840 (23) GSk	0	0.00	0.00	0.00
804 (36) GSk	0	0.00	0.00	0.00
840 (36) GSk	0	0.00	0.00	0.00
Total GSk-Commercial	-1,666 T	-73.67	-56.99	-130.66
GSk-INDUST				
815 (25) GSk	0	0.00	0.00	0.00
844 (25) GSk	0	0.00	0.00	0.00
Total GSk-Industrial	0	0.00	0.00	0.00
LARGE COMMERCIAL				
811 (23) LVSk	0	0.00	0.00	0.00
850-853 (23) **	0	0.00	0.00	0.00
Total Large Commercial	0	0.00	0.00	0.00
LARGE INDUSTRIAL				
812 (25) LVSk	0	0.00	0.00	0.00
858-859, 866-867 (25) **	0	0.00	0.00	0.00
Total Large Industrial	0	0.00	0.00	0.00
TRANSPORTATION RATES				
841 (38) GTk - Commercial	259,057	0.00	15,336.26	15,336.26
842 (38) GTk - Industrial	34,535	0.00	2,044.47	2,044.47
856 (38) LVtk Flex - Commercial	50,858	0.00	1,383.34	1,383.34
857 (38) LVtk Flex - Industrial	317,312	0.00	8,630.88	8,630.88
860 (38) LVtk - Commercial (Includes 886 ac	718,475	0.00	42,533.70	42,533.70
861 (38) LVtk - Industrial	597,268	0.00	35,358.29	35,358.29
Total Take or Pay - Transportation	1,977,505 M	0.00	105,286.94	105,286.94
TOTAL TAKE OR PAY-CITY GATE SYSTEM	1,975,822 M	-74.45 M	105,229.35 M	105,154.90 M

*P.T.S.
2-6-97*

**NOTE: These rates have prior period adj. only since they are frozen or transport rates. (Effective 5/1/96)

FEB 25 1997

SALES RECOVERY - CITY GATE SYSTEM - KANSAS

02/1

MONTH OF JANUARY 1997

FERC & KANS.

04:22 PM

RATE CODE & REV. CLASS	MCF	IMBEDDED + PGA	ACA	REFUND	TAKE-PAY	TRANSITION COSTS	KPP DIRECT BILL	RELEASED CAPACITY
(Coded to ACA)								
792 (21) RSK	421,423	1,743,831.58	-6,270.76			54,846.46	9,229.93	-8,977.11
801 (21) RSK	6,942	28,607.97	-103.44			903.85	152.03	-147.87
808 (21) RSK	1,055	4,347.66	-15.72			137.36	23.10	-22.47
821 (21) RSK	492	2,027.53	-7.34			64.06	10.78	-10.48
824 (21) RSK	8,508,899	35,088,665.72	-126,524.34	6.63	-1.38	1,107,282.79	186,346.86	-181,254.04
802 (23) GSk	1,030	4,244.63	5.98			134.10	22.55	-21.94
803 (23) GSk	241	993.16	1.40			31.38	5.28	-5.13
804 (23) GSk	2,853,954	11,765,065.21	16,509.24	18.54	-130.66	371,583.82	62,504.94	-60,788.42
806 (23) GSk	2,213	9,119.78	12.84			288.14	48.46	-47.13
807 (23) GSk	175	721.18	1.02			22.78	3.83	-3.73
820 (23) GSk	132	543.97	0.77			17.19	2.89	-2.81
840 (23) GSk	145,209	599,365.43	842.58			18,905.70	3,180.19	-3,093.08
815 (25) GSk	873	3,721.05	5.07			113.67	19.13	-18.59
816 (25) GSk	0	0.00	0.00			0.00	0.00	0.00
844 (25) GSk	6,004	24,742.55	34.83			781.71	131.51	-127.88
804 (36) GSk	174	712.13	1.01			22.65	3.81	-3.71
840 (36) GSk	0	0.00	0.00			0.00	0.00	0.00
Total Firm	11,948,816	49,276,709.55	-115,506.86	25.17	-132.04	1,555,135.66	261,685.29	-254,524.39
LARGE VOLUME								
811 (23) LVSk	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
812 (25) LVSk	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
850-853 (23) **	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
858-859, 866-867 (25) **	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total Large Volume	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CONTRACT/DAILY DEMAND								
829-832, 836-837 (23)		0.00						
870-873, 875-876 (25)		0.00						
Total Contract/Daily Demand		0.00						
CURTAILMENT PENALTY								
833, 838 (23) LVTK		76,549.02						
874, 877 (25) LVTK		99,583.91						
Total Curtailment Penalty		176,132.93						
TAKE OR PAY TRSP.								
841 (38) GTk - Commercial						15,336.26		
842 (38) GTk - Industrial						2,044.47		
856 (38) LVTK Flex - Commercial						1,383.34		
857 (38) LVTK Flex - Industrial						8,630.88		
860 (38) LVTK - Commercial (Includes 886 adj.)						42,533.70		
861 (38) LVTK - Industrial						35,358.29		
Total Take or Pay - Transportation						105,286.94		
CASH-IN / CASH-OUT								
813 (38) LVTK - Industrial	-1,546	-3,958.56						
814 (38) LVTK - Commercial	-338	-896.20						
818 (38) GTk - Industrial	0	0.00						
819 (38) GTk - Commercial	-1,549	-3,921.02						
Total Cash-in / Cash-out	-3,433	-8,775.78						
KANSAS TRANSITION COSTS								
827 (38) LVTK - Commercial	1,026,830		(INCLUDES RATE 886 ADJ.)			20,560.00		
28 (38) LVTK - Industrial	949,114					18,982.28		
Total Kansas Transition Costs	1,975,944					39,542.28		
TOTAL CITY GATE - KS ***	11,948,816	49,444,066.70	-115,506.86	25.17	105,154.90	1,594,677.94	261,685.29	-254,524.39

P.T.S.
2-26-97

FER 25,000

** NOTE: These rates have prior period adjustments only since they are now frozen rates or transport rates. (Effective 5/1/96)

*** NOTE: The "Total City Gate-Ks" Mcf column only includes sales Mcf's. Mcf's on Kansas Transition Costs are transport volumes.

WESTERN RESOURCES Journal Entry

Group Number: RRPGS08001
Journal Entry Number: 08001
Effective Date: 01/01/97

BUDGET AREA	COST CODE	JURIS CODE	ACTIVITY	WORK AREA	WORK REQUEST	EQUIP CODE	SPECIAL PROJECT	USER CODE	AMOUNT OF ENTRY		STATISTICS	QUANTITY	UOM
									DEBIT	CREDIT			
1) 9601	100	13	1914000	9601					7,888,863.65				
8160	200	10	2323100	8160						5,903,392.48			
9601	100	13	1916200	9601					33,884.23				
8160	200	10	2538300	8160						25,920.86			
8160	500	10	4210000	8160						25,920.86			
5214	G40	13	GOPURNT	5214					167,117.50				
8160	100	10	1641000	8160						2,134,631.18			
Totals													
2) 9601	100	13	1916200	9601					640,330.32				
9601	100	33	1916200	9601					47,923.42				
8160	200	10	2323100	8160						688,253.74			

DESCRIPTION LINE 1: ACTUAL GAS PURCHASE INVOICES

DESCRIPTION LINE 2: _____

EXPLANATION: 1) To record the Main System Gas Purchases and storage withdrawals from the Alden and MCMC Storage Activity for the prior month.
(Includes prior mo. adjustments for MCMC Storage)

2) To record the transition costs paid to Williams Natural Gas as a result of FERC Order 636.

STATE OF CALIFORNIA
 FEB 25 1997

PREPARED BY:	DEPARTMENT APPROVED BY:	ACCOUNTING REVIEWED BY:	ACCOUNTING APPROVED BY:
SMITH (575-6469)			

WESTERN RESOURCES, INC.
TOP COST RECOVERY SUMMARY

Applicable to : RSk
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
12 Months Ended: June 30, 1997
Sheet 4

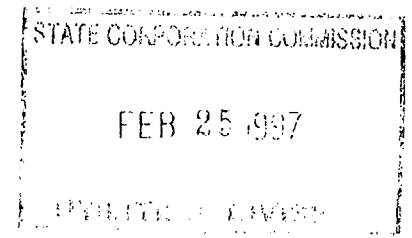
K SYSTEM

The following computation is submitted in support of take-or-pay costs affecting consumption on or after 8/04/93.

(a)	Remaining TOP Costs (from previous month's TOP costs, column j) (b)	Carrying Costs (rate of 8.54% times column b) (c)	Total Actual Volumetric TOP Costs (d)	Total Actual Direct-billed TOP Costs (e)	Total Actual Remaining TOP Costs (column b + c + d + e) (f)	Monthly Sales Volume (g)	TOP Cost Recovery Per MCF (from LDC TOP cost recovery plan) (h)	Monthly Recovery (i)	Remaining TOP Costs (column f minus column i) (j)
Beginning Balance									-\$1,011,293.28
July, 1996	-\$1,011,293.28	-\$7,197.04	\$431.52	\$145,703.59	-\$872,355.21	958,593	\$0.0730	\$70,331.96	-942,687.17
August	-942,687.17	-6,708.79	719.81	144,467.73	-804,208.42	885,576	0.0730	64,945.13	-869,153.55
September	-869,153.55	-6,185.48	999.75	143,538.00	-730,801.28	930,481	0.0730	68,268.70	-799,069.98
October	-799,069.98	0.00	868.47	66,942.23	-731,259.28	-456	0.0730	-32.93	-731,226.35
November	-731,226.35	0.00	428.41	67,271.04	-663,526.90	-1,517	0.0730	-110.61	-663,416.29
December	-663,416.29	0.00	898.36	66,399.58	-596,118.35	-139	0.0730	-10.07	-596,108.28
January, 1997	-596,108.28 T	0.00 ✓	951.26 ✓	65,977.57 ✓	-529,179.45 M	-17 ✓	0.0730 S	-1.38	-529,178.07 N/M
February									
March									
April									
May									
June									
	-\$1,011,293.28	-\$20,091.31	\$5,297.58	\$700,299.74		2,772,521		\$203,390.80	-\$529,178.07

See Recop

P.T.S.
2-26-97



WESTERN RESOURCES, INC.
TOP COST RECOVERY SUMMARY

Applicable to : GSk (Small Commercial)
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
12 Months Ended: June 30, 1997
Sheet 4

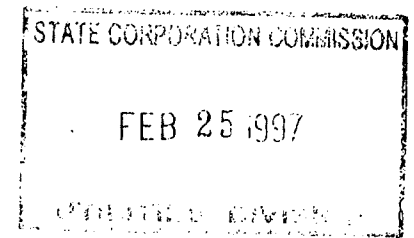
K SYSTEM

The following computation is submitted in support of take-or-pay costs affecting consumption on or after 8/04/93.

(a)	Remaining TOP Costs (from previous month's TOP costs, column j) (b)	Carrying Costs (rate of 8.54% times column b) (c)	Total Actual Volumetric TOP Costs (d)	Total Actual Direct-billed TOP Costs (e)	Total Actual Remaining TOP Costs (column b + c + d + e) (f)	Monthly Sales Volume (g)	TOP Cost Recovery Per MCF (from LDC TOP cost recovery plan) (h)	Monthly Recovery (i)	Remaining TOP Costs (column f minus column i) (j)
Beginning Balance									-\$247,353.80
July, 1996	-\$247,353.80	-\$1,760.33	\$167.84	\$56,668.48	-\$192,277.81	332,921	0.0784	\$26,138.74	-218,416.55
August	-218,416.55	-1,554.40	279.98	56,187.81	-163,503.16	326,075	0.0784	25,601.65	-189,104.81
September	-189,104.81	-1,345.80	388.86	55,826.20	-134,235.55	342,597	0.0784	26,895.83	-161,131.38
October	-161,131.38	-1,146.72	337.79	26,035.84	-135,904.47	472,316	0.0784	37,064.88	-172,969.35
November	-172,969.35	-1,230.97	166.64	26,163.71	-147,869.97	1,093,554	0.0784	85,751.18	-233,621.15
December	-233,621.15	0.00	349.43	25,824.78	-207,446.94	12,826	0.0784	1,005.60	-208,452.54 ✓
January, 1997	-208,452.54 T	0.00	370.01 ✓	25,660.65 ✓	-182,421.88 M	-1,666 ✓	0.0784 S	-130.66	-182,291.22 ✓
February									
March									
April									
May									
June									
	-\$247,353.80	-\$7,038.22	\$2,060.55	\$272,367.47		2,578,623		\$202,327.22	-\$182,291.22

See Recomp

P.T.S.
2-26-97



WESTERN RESOURCES, INC.
TOP COST RECOVERY SUMMARY

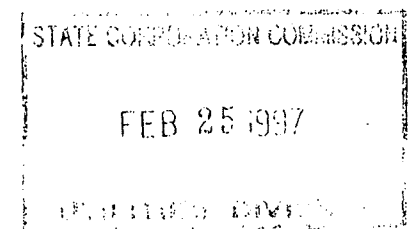
Applicable to : GSk (Small Industrial)
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
12 Months Ended: June 30, 1997
Sheet 4

K SYSTEM

The following computation is submitted in support of take-or-pay costs affecting consumption on or after 8/04/93.

(a)	Remaining TOP Costs (from previous month's TOP costs, column j) (b)	Carrying Costs (rate of 8.54% times column b) (c)	Total Actual Volumetric TOP Costs (d)	Total Actual Direct-billed TOP Costs (e)	Total Actual Remaining TOP Costs (column b + c + d + e) (f)	Monthly Sales Volume (g)	TOP Cost Recovery Per MCF (from LDC TOP cost recovery plan) (h)	Monthly Recovery (i)	Remaining TOP Costs (column f minus column i) (j)
Beginning Balance									-\$3,368.08
July, 1996	-\$3,368.08	-\$23.97	\$0.97	\$322.59	-\$3,068.49	0	0.0000	\$0.00	-3,068.49
August	-3,068.49	-21.84	1.61	319.85	-2,768.87	0	0.0000	0.00	-2,768.87
September	-2,768.87	45.81	2.25	317.80	-2,403.01	0	0.0000	0.00	-2,403.01
October	-2,403.01	0.00	1.94	148.21	-2,252.86	0	0.0000	0.00	-2,252.86
November	-2,252.86	0.00	0.96	148.94	-2,102.96	0	0.0000	0.00	-2,102.96
December	-2,102.96	0.00	2.01	147.01	-1,953.94	0	0.0000	0.00	-1,953.94
January, 1997	-1,953.94	0.00	2.14 ✓	146.07 ✓	-1,805.73	0	0.0000	0.00	-1,805.73
February									
March									
April									
May									
June									
	-\$3,368.08	\$0.00	\$11.88	\$1,550.47		0		\$0.00	-\$1,805.73

P.T.S.
2-26-97



WESTERN RESOURCES, INC.
TOP COST RECOVERY SUMMARY

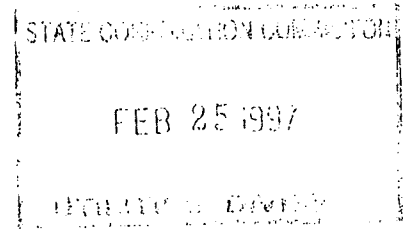
Applicable to : LVSk (Large Commercial)
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
12 Months Ended: June 30, 1997
Sheet 4

K SYSTEM

The following computation is submitted in support of take-or-pay costs affecting consumption on or after 8/04/93.

(a)	Remaining TOP Costs (from previous month's TOP costs, column j) (b)	Carrying Costs (rate of 8.54% times column b) (c)	Total Actual Volumetric TOP Costs (d)	Total Actual Direct-billed TOP Costs (e)	Total Actual Remaining TOP Costs (column b + c + d + e) (f)	Monthly Sales Volume (g)	TOP Cost Recovery Per MCF (from LDC TOP cost recovery plan) (h)	Monthly Recovery (i)	Remaining TOP Costs (column f minus column i) (j)
Beginning Balance									\$21,271.65
July, 1996	\$21,271.65	\$151.38	\$2.23		\$21,425.26	0	0.0383	\$0.00	21,425.26
August	21,425.26	152.48	3.74		21,581.48	0	0.0383	0.00	21,581.48
September	21,581.48	153.59	5.18		21,740.25	0	0.0383	0.00	21,740.25
October	21,740.25	154.72	4.50		21,899.47	0	0.0383	0.00	21,899.47
November	21,899.47	155.85	2.22		22,057.54	0	0.0383	0.00	22,057.54
December	22,057.54	156.98	4.66		22,219.18	0	0.0383	0.00	22,219.18 ✓
January, 1997	22,219.18 T	158.13 M	4.93 ✓		22,382.24 M	0	0.0383	0.00	22,382.24 ✓ M
February									
March									
April									
May									
June									
	\$21,271.65	\$1,083.13	\$27.46			0		\$0.00	\$22,382.24

P.T.S.
2-26-97



WESTERN RESOURCES, INC.
TOP COST RECOVERY SUMMARY

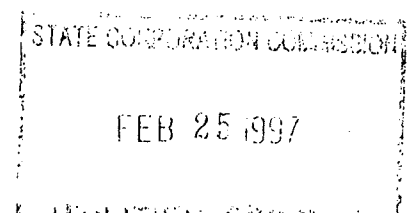
Applicable to : LVSk (Large Industrial)
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
12 Months Ended: June 30, 1997
Sheet 4

K SYSTEM

The following computation is submitted in support of take-or-pay costs affecting consumption on or after 8/04/93.

(a)	Remaining TOP Costs (from previous month's TOP costs, column j) (b)	Carrying Costs (rate of 8.54% times column b) (c)	Total Actual Volumetric TOP Costs (d)	Total Actual Direct-billed TOP Costs (e)	Total Actual Remaining TOP Costs (column b + c + d + e) (f)	Monthly Sales Volume (g)	TOP Cost Recovery Per MCF (from LDC TOP cost recovery plan) (h)	Monthly Recovery (i)	Remaining TOP Costs (column f minus column i) (j)
Beginning Balance									\$18,818.95
July, 1996	\$18,818.95	\$133.93	\$2.06		\$18,954.94	0	0.0539	\$0.00	18,954.94
August	18,954.94	134.90	3.43		19,093.27	0	0.0539	0.00	19,093.27
September	19,093.27	135.88	4.76		19,233.91	0	0.0539	0.00	19,233.91
October	19,233.91	136.88	4.14		19,374.93	0	0.0539	0.00	19,374.93
November	19,374.93	137.88	2.04		19,514.85	0	0.0539	0.00	19,514.85
December	19,514.85	138.88	4.28		19,658.01	0	0.0539	0.00	19,658.01
January, 1997	19,658.01 T	139.90 M	4.53 ✓		19,802.44 M	0	0.0539 S	0.00	19,802.44 ✓ 1/1
February									
March									
April									
May									
June									
	\$18,818.95	\$958.25	\$25.24			0		\$0.00	\$19,802.44

P.T.S.
2-25-97



WESTERN RESOURCES, INC.
TOP DIRECT BILLED/GAS IMBALANCE COST RECOVERY SUMMARY

Applicable to : LVTK (Industrial)
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
12 Months Ended: June 30, 1997
Sheet 4

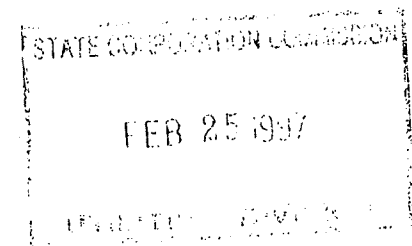
K SYSTEM

The following computation is submitted in support of take-or-pay costs affecting consumption on or after 8/04/93.

(a)	Remaining TOP Costs (from previous month's TOP costs, column j) (b)	Carrying Costs (rate of 8.54% times column b) (c)	Total Actual Volumetric TOP Costs (d)	Total Actual Direct-billed TOP Costs (e)	Total Actual Remaining TOP Costs (column b + c + d + e) (f)	Monthly Sales Volume (g)	TOP Cost Recovery Per MCF (from LDC TOP cost recovery plan) (h)	Monthly Recovery (i)	Remaining TOP Costs (column f minus column i) (j)
Beginning Balance									\$1,306,383.49
July, 1996	\$1,306,383.49			\$66,131.14	\$1,372,514.63	1,304,263	0.0592	\$58,644.00	1,313,870.63
August	1,313,870.63			65,570.22	1,379,440.85	1,348,151	0.0592	59,669.88	1,319,770.97
September	1,319,770.97			65,148.24	1,384,919.21	1,223,462	0.0592	55,728.57	1,329,190.64
October	1,329,190.64			30,383.39	1,359,574.03	1,505,017	0.0592	68,759.39	1,290,814.64
November	1,290,814.64			30,532.61	1,321,347.25	2,523,779	0.0592	98,093.94	1,223,253.31
December	1,223,253.31			30,137.08	1,253,390.39	2,154,224	0.0592	104,494.84	1,148,895.55 ✓
January, 1997	1,148,895.55 T			29,945.53 ✓	1,178,841.08 M	2,474,923 ✓	0.0592 S	118,816.71	1,060,024.37 ✓ 4/1
February									
March									
April									
May									
June									
	\$1,306,383.49			\$317,848.21		12,533,819		\$564,207.33	\$1,060,024.37

See Recap

*P.T.S.
2-26-97*



WESTERN RESOURCES, INC.
 FERC ORDER NO. 636
 TRANSITION COSTS

Applicable to : K SYSTEM
 Reporting Date: February 25, 1997
 Effective Date: March 6, 1997
 12 Months Ended: June 30, 1997
 Sheet 5

K SYSTEM

(a)	Remaining Costs (from previous month's costs, column h) (b)	Total Actual Transition Costs (c)	Total Actual Remaining Costs (columns b + c) (d)	Monthly Sales Volume (e)	Cost Recovery Per MCF (from LDC TCR cost recovery plan) (f)	Monthly Recovery (g)	Remaining Costs (column d minus column g) (h)
Beginning Balance							\$553,719
July, 1996	\$553,719	\$542,767	\$1,096,486	1,294,931	\$0.1095	\$142,677	953,809
August	953,809	595,089	1,548,898	1,213,903	0.1302	157,909	1,390,989
September	1,390,989	629,707	2,020,696	1,285,207	0.1302	167,224	1,853,472
October	1,853,472	623,561	2,477,033	1,866,345	0.1302	242,736	2,234,297
November	2,234,297	625,431	2,859,728	4,699,355	0.1302	611,195	2,248,533
December	2,248,533	661,507	2,910,040	9,572,020	0.1302	1,245,437	1,664,603 ✓
January, 1997	1,664,603 T	655,829 ✓	2,320,432 M	11,948,832 ✓	0.1302 S	1,555,135	765,297 ✓ N/M
February							
March							
April							
May							
June							
TOTAL	\$553,719	\$4,333,891	\$4,887,610	31,880,593		\$4,122,313	\$765,297

see Recap

P.T.S.
 2-26-97

STATE OF CALIFORNIA
 FEB 25 1997

WESTERN RESOURCES, INC.
KPP DIRECT BILLING

Applicable to : K SYSTEM
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
12 Months Ended: June 30, 1997
Sheet 6

K SYSTEM

(a)	Remaining Costs (from previous month's costs, column h) (b)	Total Actual KPP Billing (c)	Total Actual Remaining Costs (columns b + c) (d)	Monthly Sales Volume (e)	Cost Recovery Per MCF (f)	Monthly Recovery (g)	Remaining Costs (column d minus column g) (h)
Beginning Balance							\$1,228,589
July, 1996	\$1,228,589	\$0	\$1,228,589	1,294,931	\$0.0219	\$27,975	1,200,614
August	1,200,614	0	1,200,614	1,213,903	0.0219	26,097	1,174,517
September	1,174,517	0	1,174,517	1,285,228	0.0219	27,729	1,146,788
October	1,146,788	0	1,146,788	1,866,345	0.0219	40,906	1,105,882
November	1,105,882	0	1,105,882	4,699,355	0.0219	103,069	1,002,813
December	1,002,813	0	1,002,813	9,572,022	0.0219	209,615	793,198 ✓
January, 1997	793,198 T	0	793,198 T	11,948,841M	0.0219 ^s	261,685	531,513 ✓ 4/m
February							
March							
April							
May							
June							
TOTAL	\$1,228,589	\$0	\$1,228,589	31,880,625		\$697,076	\$531,513

Sec Recap

*P.T.S.
2-26-97*

STATE COMMISSION ON UTILITIES
FEB 25 1997

WESTERN RESOURCES, INC.
ESTIMATED CAPACITY RELEASE ACCUMULATED BALANCE

Applicable to : K SYSTEM
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
12 Months Ended: June 30, 1997
Sheet 7B

K SYSTEM

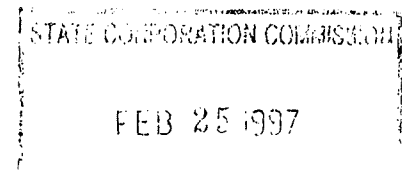
(a)	Actual Capacity Release \$ Received (Credit) (b)	50% of Actual Capacity Release \$ Received (Credit) (column b x 50%) (c)	Actual MCF Sales Volumes (d)	Total Capacity Release Factor (Cents / MCF) (From Sheet 7A) (e)	Capacity Release \$ Refunded (Column d x e /100) (f)	Capacity Release (Under) / Over Disbursement (Column c - f) (g)	Accumulated (Under) / Over Balance (h)
Prior Balance							-\$67,293
July 1996	\$214,402	\$107,201	1,295,050	-2.93	\$38,422	-\$68,779	-136,072
August	178,660	89,330	1,213,903	-2.13	25,119	-64,211	-200,283
September	266,895	133,448	1,285,254	-2.13	26,628	-106,820	-307,103
October	156,458	78,229	1,866,345	-2.13	39,425	-38,804	-345,907
November	148,023	74,011	4,699,364	-2.13	100,232	26,221	-319,686
December	218,512	109,256	9,572,022	-2.13	203,891	94,635	-225,051
January, 1997	181,337	90,669 M	11,948,847 M	-2.13 S	254,525 M	163,856	-61,195 M/m
February	0	0	0	-2.13	0	0	-61,195
March	0	0	0	-2.13	0	0	-61,195
April	0	0	0	-2.13	0	0	-61,195
May	0	0	0	-2.13	0	0	-61,195
June	0	0	0	-2.13	0	0	-61,195
TOTAL	\$1,364,287	\$682,144	31,880,785		\$688,242	\$6,098	-\$61,195

see Recap

P.T.S.
2-26-97

Accumulated Capacity Release Factor = $\frac{\text{Total Accumulated Balance (Column h)}}{\text{Total Sales (Column d)}}$ = $\frac{-67,293}{60,651,628}$

S
-0.11 c/MCF



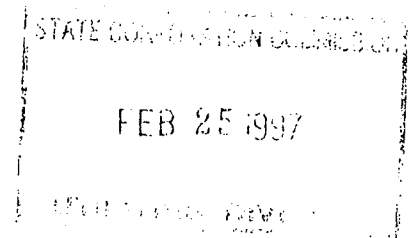
WESTERN RESOURCES, INC. ESTIMATED CAPACITY RELEASE FACTOR CALCULATION

Applicable to : K SYSTEM
Reporting Date: February 25, 1997
Effective Date: March 6, 1997
12 Months Ended: June 30, 1997
Sheet 7A

K SYSTEM

(a)	Estimated Monthly Capacity Release Volumes (b)	Estimated Capacity Release Rate (Credit) (c)	Total \$ Estimated Capacity Release (Column b x c) (d)	50% of Estimated Capacity Release \$ (column d x 50%) (e)	Estimated MCF Sales Volumes (f)	Estimated Monthly Capacity Release Refund Factor (Cents / MCF) (Column e / f x100) (g)	Accumulated Capacity Release Factor (Cents / MCF) (From Sheet 7B) (h)	Total Capacity Release Factor (Cents / MCF) (Column g + h) (i)
July 1996	11,516,636	0.0295	\$339,280	\$169,640	1,409,116			
August	7,993,505	0.0309	246,651	123,326	1,252,007			
September	5,159,522	0.0267	137,661	68,831	1,355,528			
October	4,571,466	0.0219	100,210	50,105	1,937,793			
November	4,738,149	0.0361	171,143	85,571	4,339,967			
December	4,540,137	0.0570	258,676	129,338	8,375,789			
January, 1997	4,034,524	0.0446	180,127	90,063	11,621,141			
February	3,646,237	0.0472	172,087	86,043	11,149,438			
March	5,068,255	0.0408	206,972	103,486	8,126,795			
April	6,091,067	0.0345	210,015	105,008	6,086,380			
May	7,254,398	0.0345	250,473	125,236	2,870,347			
June	7,122,263	0.0233	166,135	83,068	1,955,390			
TOTAL	71,736,159		\$2,439,430	\$1,219,715	60,479,691^S	-2.02	-0.11	-2.13

P.T.S
2-26-97





KCC News Release

For more information contact:

Rosemary Foreman · Director of Public Affairs

Telephone (913) 271-3140 · Fax (913) 271-3354

Internet · www.kcc.state.ks.us

Kansas Corporation Commission · 1500 SW Arrowhead Road · Topeka, Kansas 66604-4027

Release No. 96-06

KCC selects Price Waterhouse to review Western Resources' billing procedures

TOPEKA, Kansas, March 18, 1997 -- The Kansas Corporation Commission today announced the selection of Price Waterhouse as an independent auditor to review Western Resources' billing procedures.

Price Waterhouse will provide a comprehensive audit of Western Resources' billing practices and system. In addition, Price Waterhouse will make recommendations to assure future compliance with Commission billing practices and bill accuracy.

The audit of the company's billing system is the result of billing errors associated with the cost of gas factor on natural gas bills discovered last month by the Commission.

"All parties involved are eager to determine the full extent of the billing errors and to implement procedure and system changes to assure accurate and understandable bills for consumers," said Tim McKee, KCC Chair.

The selection of the independent auditor, Price Waterhouse, by the KCC resulted from a cooperative effort of the KCC, Western Resources and CURB (Citizens' Utility Ratepayer Board).

- kcc -

House Utilities
2-18-97
Attachment 3



BILL GRAVES
FRANK WEIMER
DONNA KIDD
A.W. DIRKS
LAVON KRUCKENBERG
GENE MERRY
WALKER HENDRIX

GOVERNOR
CHAIRMAN
VICE-CHAIR
MEMBER
MEMBER
MEMBER
CONSUMER COUNSEL

Citizens' Utility Ratepayer Board

1500 Southwest Arrowhead Road
TOPEKA, KANSAS 66604-4027
Ph. 913-271-3200

BEFORE THE JOINT UTILITIES COMMITTEES

**PRESENTATION BY WALKER HENDRIX, CONSUMER COUNSEL
THE CITIZENS' UTILITY RATEPAYER BOARD**

BILLING PRACTICES

The longer than usual winter has given rise to a higher commodity price for natural gas futures. This, in turn, has caused the price of natural gas, which is indexed to the Mercantile Exchange, to rise precipitously. High customer bills have caused customers to more closely examine their bills. Based on a number of mistakes which were identified by the customers of KPL Gas Service, a division of Western Resources, CURB brought a complaint against Western Resources to have their billing errors rectified by refunds and appropriate changes to their billing procedures. Western has agreed to an expansive audit of their billing system and is making and will continue to make refunds of any overcharges.

Three factors caused the price of gas to increase to historically high levels. The three factors are low inventory levels, trading of electricity derivatives (deregulation) and an early winter (not necessarily a colder than usual winter). The increase in gas prices was identified by CURB on December 19, 1996, when it issued a press release to notify customers of forthcoming higher prices. CURB noted volatile trading of natural gas futures on the New York Mercantile Exchange (NYMEX). At the time, January futures prices jumped to an all time high of \$4.56 per million British thermal units and February prices topped off at a high of \$3.92 per MMBTU.

Unlike prior years, futures prices for natural gas did not decline as much during the summer months as had been expected. Gas purchasers delayed buying gas to place into storage

*House Utilities
2-18-97
Attachment 4*

in anticipation of some leveling off of natural gas prices. In September 1996, the price finally declined, but many purchasers failed to put as much gas in storage for fear of having to absorb the cost of large inventory stocks. Some estimates suggested that inventory stocks were down as much as 10%. Inventory shortfalls were also accompanied by the first futures contracts for electricity. Derivative transactions where natural gas futures were swapped for electricity futures may have created some pressure on the upward price of natural gas.

Despite the high cost of natural gas, the old regulatory structure which permits utilities like Western to flow through its cost of gas under a Purchased Gas Adjustment (or Cost of Gas Adjustment) were left in place. Because the PGA mechanism in Kansas provides little incentive to change procurement practices, the price of gas was allowed to flow through to customers. Additionally, because most utilities do not have enough storage to avoid making spot market purchases in the colder winter months (December, January and February), the utilities were forced to go into the market and pay for gas at the prices which peaked in the middle of December 1996. Knowing that there would be no penalty for making these purchases and the price would be flowed through to customers under the PGA, the utilities made no change in their procurement practices.

There have been extensive discussions about modifying the PGA mechanism to place some of the risk of the utility procurement practices on to the utilities, rather than merely allowing them to flow through 100% of gas costs in every situation. An investigation of procurement practices and the type of contract provisions which are tied to commodity indexes need to be examined. Also, some consideration should be given to the practice of hedging prices with involvement in the commodity markets. However, there will always be room for second guessing utilities on the purchase of commodity futures in the event that they lock in at prices higher than the market price at the time they take delivery of the gas. But, if current trends prevail and movement continues to more competitive markets, utilities will have to be involved in commodity trading to protect customers against volatile prices during periods of short supply.

In addition to investigating billing practices, the Commission should open up a docket to investigate PGA mechanisms. The Commission should also have the authority to retain more employees for reviewing the procurement practices of natural gas utilities in the state.