#### UNITED STATES OF AMERICA

#### **BEFORE THE**

#### FEDERAL ENERGY REGULATORY COMMISSION

# DEPRECIATION STUDY FOR CONOCOPHILLIPS TRANSPORTATION ALASKA, INC.

August 11, 2006

Revised

ConocoPhillips Transportation Alaska, Inc. Depreciation Study August 11, 2006

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#### Organization, Ownership and Nature of Operations

ConocoPhillips Transportation Alaska Inc., ("CPTAI") is a wholly-owned subsidiary of ConocoPhillips Alaska, Inc., which is a subsidiary of ConocoPhillips Company. CPTAI owns and manages a joint undivided interest (28.3%) ownership in the Trans Alaska Pipeline System ("TAPS"). The owners of TAPS (the "TAPS Carriers") and their respective ownership percentages are as follows:

Company	Pipeline Ownership	Terminal Ownership
BP Pipelines (Alaska) Inc.	46.9263%	46.0955%
ConocoPhillips Transportation	28.2953%	27.2445%
Alaska, Inc.		
ExxonMobil Pipeline Co.	20.3378%	21.9155%
Koch Alaska Pipeline Co, LLC	3.0845%	3.0845%
Unocal Pipeline Co.	1.3561%	1.6600%

TAPS is operated by the TAPS Carriers' agent, Alyeska Pipeline Service Company.

Shippers move crude oil on TAPS from Pump Station #1 on the North Slope of Alaska to the port of Valdez, Alaska, a distance of approximately 800 miles. In addition, refinery return streams are transported on TAPS from two refineries near Fairbanks and a refinery near Valdez. Current TAPS throughput is approximately 900,000 barrels per day.

In accordance with the Amended Capacity Settlement Agreement, which was approved by the FERC on May 15, 1998, the daily average capacity of TAPS is 1,100,000 barrels per day. Given its 28.2953% pipeline ownership share, CPTAI's daily average capacity is 311,248 barrels per day. In 2005, the actual average capacity of TAPS was 1,097,260 barrels per day, and CPTAI's actual average capacity was 305,548 barrels per day.

There are 11 Pump Stations ("PS") of which six are operational (PS # 1, 3, 4, 5, 7, and 9) and five (PS #2, 6, 8, 10, and 12) are in standby condition. Pump Station #5 is in fact a relief station, and PS #11 was never built.

The Marine Terminal is located in Valdez, Alaska, an ice-free deep water port in south-central Alaska. Primary facilities are oil storage tanks and loading docks for ocean going tankers. A Ballast Water Treatment facility is located on site to treat ballast water.

#### Request for Approval of New Depreciation Rates

Up to now, the depreciation rates of CPTAI have been determined on the basis of a Depreciation Stipulation that was approved by the Commission in an order issued on September 23, 1982. *Trans Alaska Pipeline System*, Order Approving Stipulation Resolving the Depreciation Issue, 20 FERC ¶ 61,352 (1982) ("1982 Depreciation Order"). Under the terms of

<sup>&</sup>lt;sup>1</sup> Exxon Pipeline Co., 83 FERC ¶ 61,169 (1998).

the approved Stipulation, the basis for the depreciation rates determined under the Stipulation "shall be utilized by the TAPS owners unless and until said basis is altered by further stipulation or order of the FERC or the [Alaska Public Utilities Commission]." Stipulation and Agreement, Docket No. OR78-1 at 5 (Feb. 11, 1982). CPTAI has maintained its depreciation rates in accordance with the approved Stipulation up to the present time.

A challenge to CPTAI's interstate tariff rates for service through TAPS is currently pending in FERC Docket Nos. IS05-82-000, et al. (the "TAPS rate proceeding"), which involves the TAPS rates for 2005 and 2006. In the TAPS rate proceeding, various parties have questioned the underlying basis for the existing depreciation rates of the TAPS Carriers (including CPTAI), asserting that the 34.5-year depreciable life for TAPS that was adopted in the Stipulation (a depreciable life ending on December 31, 2011) is no longer realistic in light of current circumstances. One potential outcome of the rate proceeding is that the Commission will, for tariff rate purposes, determine new depreciation rates for CPTAI and the other TAPS Carriers for the period from January 1, 2005 forward, thereby superseding the depreciation rates determined for that period under the approved Stipulation.

The purpose of this depreciation study is to support new depreciation rates for CPTAI to be implemented for accounting ("book") purposes in the event the Commission orders a departure from the approved Depreciation Stipulation for ratemaking purposes in the TAPS rate proceeding. These proposed depreciation rates are calculated as of January 1, 2005, to be consistent with the period at issue in the rate case. In all cases, the depreciation rates are substantially reduced below the level of the depreciation rates currently in use, primarily due to the extension of the projected life of the major TAPS assets beyond the December 31, 2011 date assumed in the 1982 Depreciation Order.

#### General Principles on Which Proposed Depreciation Rates are Based

This depreciation study used the straight line method, the remaining life basis, and the average service life ("ASL") procedure to calculate depreciation accrual rates and accrued depreciation. These calculations were based on the attained ages and estimated service life and net salvage characteristics for each depreciable group of assets. Service life was estimated by compiling surviving property by plant accounts, determining how the plant will be used in the future, and forecasting the trend of survivors for each depreciable group by considering past trends of other pipeline companies as well as future plans for TAPS. Net salvage value for all accounts was estimated at zero. As the provisions for Dismantlement, Removal, and Restoration ("DR&R") are treated separately, DR&R costs were not considered in this study.

The comprehensive methods and principles used to determine the proposed depreciation rates can be found in the attached Gannet Fleming Depreciation Study included in Appendix A.

#### Physical Life

The physical life of TAPS can be continually extended due to the TAPS Owners' comprehensive program of pipeline maintenance and repair. TAPS maintains a pipeline integrity program that identifies problem areas and quickly remedies any issues found. This process is

designed to maintain the operating lifespan of the pipeline system for an indefinite period of time.

#### **Economic Life**

The service lives of the TAPS assets are dependent upon both physical forces such as wear and tear and deterioration and the economic forces of retirement, such as the economic exhaustion of the North Slope oil fields (primarily Prudhoe Bay). As long as the majority of the North Slope fields continue to operate, it is expected that crude oil will flow through TAPS. As a result, the economic life of TAPS is dependent upon the economic life of the North Slope oil fields.

The Alaska Division of Oil and Gas 2006 Annual Report estimates that there are approximately 6,715 million barrels of oil reserves remaining on the North Slope. The Report further estimates future production from North Slope fields through 2025, forecasting annual production ranging from 317.8 million barrels in 2006 to 169.6 million barrels in 2025. The relevant pages of the Annual Report are attached as Appendix E.

The Gannett Fleming Depreciation Study attached as Appendix A utilizes a 30-year remaining lifespan with a truncation date of 2034 to reflect the economic life of TAPS. As reflected in Appendix A, there is considerable uncertainty when attempting to forecast economic or physical lives for periods beyond 30 years. The forecast is sensitive to changes in crude price, technological innovation, environmental regulation, and North Slope field performance. In addition, the term of the recently renewed TAPS federal and state right-of-way grants expires in 2034. For these reasons, a truncation period of 30 years was used for the TAPS asset.

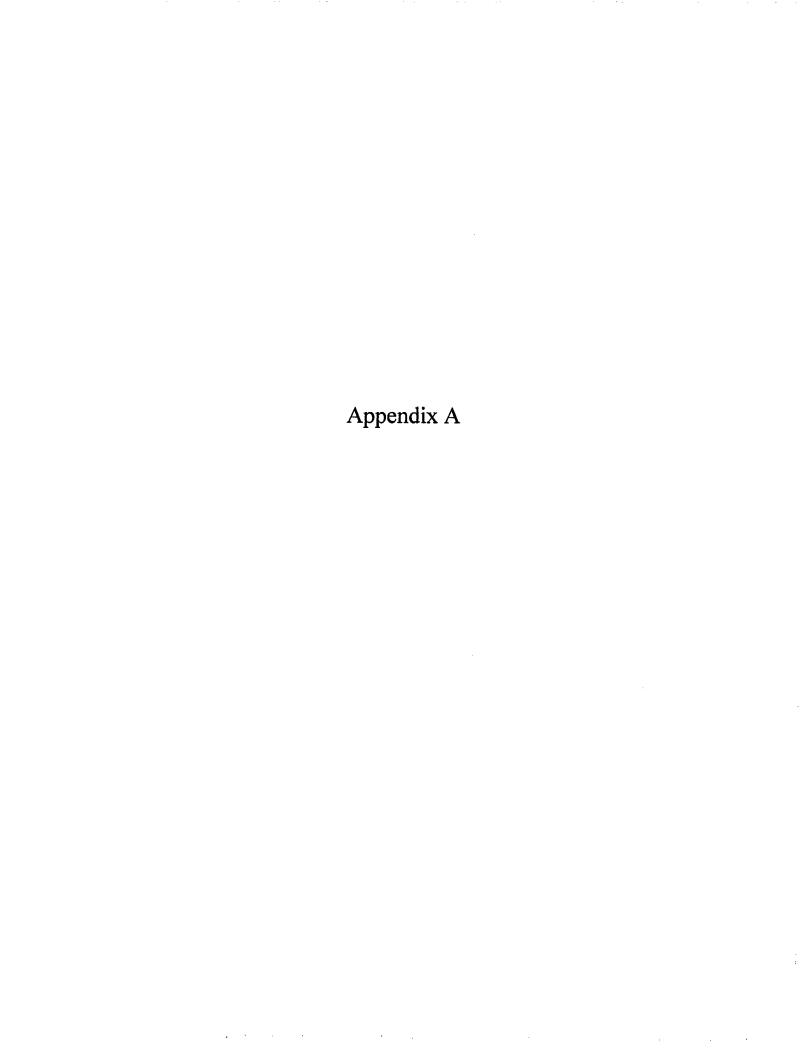
#### **Plant Additions and Retirements**

TAPS has been in service for approximately 30 years. Some of the equipment is approaching the end of its economic life. Therefore, TAPS is in the process of replacing pumps, turbines, and ancillary equipment with new, automated electric motor driven equipment on four of the five actively operational pump stations. All four of these pump stations will be required for the remaining life of TAPS. The cost of these additions is over \$400 million and is expected to be completed in the 2006 - 2007 timeframe.

As a result of the replacement of equipment at four pump stations, TAPS will be retiring the obsolete plant and equipment associated with those stations. The retirement figure is estimated to exceed \$350 million. It is expected that the financial retirement will occur in the 2006-2007 timeframe.

#### Compliance Key to 18 CFR Part 347

Paragraph	Location
(e) (1)	Pages 3-4 and Appendix A
(e) (2)	Page 2
(e) (3)	Appendix A
(e) (4)	Appendix A
(e) (5) (i)	Appendix B
(e) (5) (ii)	Pages 2, 4
(e) (5) (iii)	Appendix C
(e) (5) (iv)	Appendix D
(e) (5) (v)	Page 2
(e) (5) (vi)	Appendix D
(e) (5) (vii)	Appendix A
(e) (5) (viii)	Appendix A
(e) (5) (ix)	Appendix E
(e) (5) (x)	Appendix A
(e) (5) (xi)	Appendix A



# CONOCOPHILLIPS TRANSPORTATION ALASKA, INC. Valdez, Alaska

# DEPRECIATION STUDY CALCULATED ANNUAL DEPRECIATION ACCRUALS APPLICABLE TO PLANT AS OF DECEMBER 31, 2004

i

GANNETT FLEMING, INC. - VALUATION AND RATE DIVISION

Harrisburg, Pennsylvania

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I-1 I. INTRODUCTION

# CONOCO PHILLIPS TRANSPORTATION ALASKA, INC. DEPRECIATION STUDY

#### I. INTRODUCTION

#### SCOPE

This report sets forth the results of the depreciation study conducted for the Conoco Phillips Transportation, Inc. ("CPTAI") to determine the annual depreciation accrual rates applicable to the original cost of the Pipeline facilities as of December 31, 2004.

The depreciation accrual rates presented herein are based on generally-accepted methods and procedures for calculating depreciation. The estimated survivor curves used in this report are based on historical indications for the period 1977 through 2004, engineering judgment and estimates of others.

#### BASIS OF DEPRECIATION STUDY

<u>Depreciation</u>. The depreciation accrual rates and accrued depreciation were calculated using the straight line method, the remaining life basis and the average service life ("ASL") procedure. The calculations were based on the attained ages and estimated service life and net salvage characteristics for each depreciable group of assets.

Service Life and Net Salvage Estimates. The method of estimating service life consisted of compiling the surviving property by plant accounts, understanding how the plant will be utilized differently in the future, and forecasting the trend of survivors for each depreciable group on the basis of interpretations of past trends of other pipeline companies and consideration of Company plans for the future.

A general understanding of the function of the plant and information with respect to the expected future causes of retirement was obtained through discussions with operating and management personnel. The most significant cause of future retirements will be obsolescence resulting from the economic exhaustion of oil and gas from the North Slope of Alaska. The estimated survivor curves for Accounts 152 through 163 and 166 were truncated at 2034 to reflect such obsolescence.

The estimates of net salvage for accounts were zero. I understand that provision for Dismantlement, Removal and Restoration ("DR&R"), or negative salvage, is separately handled, and it would, therefore, be inappropriate for me to also take it into account in this study.

II. METHODS USED IN THE DETERMINATION OF ANNUAL AND ACCRUED DEPRECIATION

II-1

# II. METHODS USED IN THE DETERMINATION OF ANNUAL AND ACCRUED DEPRECIATION

#### DEPRECIATION

Depreciation is the loss in service value not restored by current maintenance, incurred in connection with the consumption or prospective retirement of crude oil plant in the course of service from causes which are known to be in current operation and against which the utility is not protected by insurance. Among the causes to be given consideration are wear and tear, deterioration, action of the elements, inadequacy, obsolescence, changes in the art, changes in demand, requirements of public authorities, and the economic exhaustion of natural resources.

Depreciation as used in accounting is a method of distributing fixed capital costs over a period of time by allocating annual amounts to expense. Each annual amount of such depreciation expense is part of that year's total cost of providing transportation service. Normally the period of time over which the fixed capital cost is allocated to the cost of service is equal to the period of time over which an item renders service, that is, the item's service life. The most prevalent method of allocation is to distribute an equal amount of cost to each year of service life. This method is known as the straight line method of depreciation.

The calculation of annual and accrued depreciation based on the straight line method requires the estimation of survivor curves and the selection of group depreciation procedures. These subjects are discussed in the sections which follow.

#### **ESTIMATION OF SURVIVOR CURVES**

<u>Survivor Curves</u>. The use of an average service life for a property group implies that the various units within a group have different lives. The average life can be obtained by constructing a survivor curve, i.e., plotting the number or percent of units which survive at successive ages. Inasmuch as survivor curves were used in the estimation of service lives, a discussion of survivor curves and their derivation is presented.

A survivor curve graphically depicts the amount of property existing at each age throughout the life of an original group. From the survivor curve, the average life of the group, as well as other functions, such as remaining life expectancy, probable life, and the frequency curve, can be calculated. Geometrically, the average life is obtained by calculating the area under the survivor curve, between age zero and maximum life, and dividing this area by the ordinate at age zero, which is 100 percent. The average remaining life expectancy is calculated by dividing the area under the survivor curve between the attained age and the maximum life by the ordinate at the attained age.

Survivor curves for groups in which all property is expected to be retired concurrently are obtained by truncating smooth survivor curves at an age before zero percent surviving is reached. Such groups to which truncated survivor curves are applicable are designated as life span groups. In life span groups of one or more vintages, future retirements of all property included in the group are anticipated to occur at a specific date or over a restricted range of future dates which are represented by an estimated probable retirement date. Survivor curves for life span groups can be developed using both available historical experience and known or forecasted retirement dates. The life span of both the original installation and a subsequent addition is the number of years which elapse between its installation and the final retirement of the group. During the life of the group as a whole,

interim retirements normally occur between age zero and the maximum age to produce a survivor pattern which is referred to as an "interim survivor curve".

The range of survivor characteristics usually experienced by utility and industrial properties is encompassed by a system of generalized survivor curves known as the lowa type curves. There are four families in the lowa system, labeled in accordance with the location of the modes of the retirements in relationship to the average life and the relative height of the modes. The left moded curves are those in which the greatest frequency of retirement occurs to the left of, or prior to, average service life. The symmetrical moded curves are those in which the greatest frequency of retirement occurs at average service life. The right moded curves are those in which the greatest frequency occurs to the right of, or after, average service life. The origin moded curves are those in which the greatest frequency of retirement occurs at the origin, or immediately after age zero. The letter designation of each family of curves (L, S, R, or O) represents the location of the mode of the associated frequency curve with respect to the average service life. The numerical subscripts represent relative heights of the modes of the frequency curves within each family.

The lowa curves were developed at the lowa State College Engineering Experiment Station through an extensive process of observation and classification of the ages at which industrial property had been retired. A report of the study which resulted in the classification of property survivor characteristics into 18 type curves was published in 1935 in the form of the Experiment Station's Bulletin 125. These type curves have also been presented in subsequent Experiment Station bulletins and in the text, "Engineering

<sup>&</sup>lt;sup>1</sup>Winfrey, Robley. <u>Statistical Analyses of Industrial Property Retirements</u>. Iowa State College, Engineering Experiment Station, Bulletin 125. 1935.

Valuation and Depreciation".<sup>2</sup> In 1957, Frank V. B. Couch, Jr., an Iowa State College graduate student, submitted a thesis<sup>3</sup> presenting his development of the four O type survivor curves.

#### Simulated Plant Balance Method

The simulated plant balance method of life analysis is a statistical procedure by which experienced average service life and survivor characteristics are inferred through a series of approximations in which several average service life and survivor curve combinations are tested. The testing procedure consists of applying survivor ratios defined by the average service life and survivor curve combinations being tested to historical plant additions and comparing the resulting calculated, or simulated, surviving balances with the actual surviving balances.

Each year-end book balance is the sum of the plant surviving from the original annual additions. Each calculated year-end balance is the sum of the simulated plant surviving from the same original annual additions. The simulated survivors are calculated for each vintage by multiplying the original additions by the percent surviving corresponding to the age of the vintage as of the date of the year-end balances being simulated. This procedure is repeated until a series of simulated balances is calculated. The balances are then compared with the book balances to determine which average service life and survivor curve combinations result in calculated balances most nearly simulating the progression of actual balances.

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<sup>&</sup>lt;sup>2</sup>Marston, Anson, Robley Winfrey and Jean C. Hempstead. <u>Engineering Valuation</u> and <u>Depreciation</u>, 2nd Edition. New York, McGraw-Hill Book Company. 1953.

<sup>&</sup>lt;sup>3</sup>Couch, Frank V. B., Jr. "Classification of Type O Retirement Characteristics of Industrial Property." Unpublished M.S. thesis (Engineering Valuation). Library, Iowa State College, Ames, Iowa. 1957.

The simulated plant balance method is presented in greater detail in the Edison Electric Institute's publication, "Methods of Estimating Utility Plant Life." <sup>4</sup>

Survivor Curve Judgments. The survivor curve estimates were based on judgment which considered a number of factors. The primary factors were the historical indications of all Trans Alaska Pipeline System (TAPS) assets from the period 1977 through 2004; the current policies and outlook as determined during conversations with TAPS management; a field inspection; and survivor curve estimates from other pipeline companies. The interim survivor curve estimates selected for Transmission Plant do not incorporate consideration of oil and gas supply.

Oil and Gas Supply Capability. The service life of CPTAI is restricted not only by physical forces of retirement, such as wear and tear and deterioration, but also, and to a much greater extent, by economic forces of retirement, specifically, the economic exhaustion of the oil and gas supply in the Alaska North Slope.

There are a number of uncertainties affecting the economic viability of the pipeline system beyond the indicated 30-year remaining life. The amount of conventional reserves is finite. It is probable that significant elements of the transmission system will become economically obsolete as the remaining conventional reserves decrease. Some assets will be retired as the required capacity of the system decreases in the years subsequent to the indicated remaining life. In addition, the recently extended Right of Way is for thirty years.

Based on all factors considered, a 30-year remaining life span is selected for CPTAI. The 30-year remaining life span is a reasonable point within the range of dates

<sup>&</sup>lt;sup>4</sup>A Report of the Engineering Subcommittee of the Depreciation Accounting Committee, Edison Electric Institute. Publication No. 51-23. Published 1952.

during which the facilities are expected to be retired. Based on a 2004 study date, the 30-year life span results in a truncation date during the year 2034.

The 30-year period is incorporated in the estimated survivor characteristics by truncating the survivor curves which represents the physical life of the facilities in Accounts 152 through 163 and 166, at the attained age of each vintage as of December 31, 2034. The estimated survivor curves for General Plant Accounts 164 and 165, were not truncated due to the nature of the assets and their relatively short service lives.

#### **ESTIMATION OF NET SALVAGE**

The net salvage estimates for transmission plant are zero percent. Negative salvage is separately accounted for through DR&R, and thus there is no need to consider this economic factor in the context of this study.

#### CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

Group Depreciation Procedures. When more than a single item of property is under consideration, a group procedure for depreciation is appropriate because normally all of the items within a group do not have identical service lives, but have lives that are dispersed over a range of time. There are two primary group procedures, namely, average service life and equal life group.

In the average service life procedure, the rate of annual depreciation is based on the average life or average remaining life of the group, and this rate is applied to the surviving balances of the group's cost. A characteristic of this procedure is that the cost of plant retired prior to average life is not fully recouped at the time of retirement, whereas the cost of plant retired subsequent to average life is more than fully recouped. Over the entire life

cycle the portion of cost not recouped prior to average life is balanced by the cost recouped subsequent to average life.

Remaining Life Annual Accruals. For the purpose of calculating remaining life accrual rates as of December 31, 2004, the book depreciation reserve for each plant account is allocated among vintages in proportion to the calculated accrued depreciation for the account. Explanations of remaining life accruals and calculated accrued depreciation follow. The detailed calculations are set forth in the Results of Study section of the report.

In the average service life procedure, the remaining life annual accrual for each vintage is determined by dividing future book accruals (original cost less book reserve) by the average remaining life of the vintage. The average remaining life is a directly weighted average derived from the estimated future survivor curve in accordance with the average service life procedure.

The calculated accrued depreciation for each depreciable property group represents that portion of the depreciable cost of the group which would not be allocated to expense through future whole life depreciation accruals, if current forecasts of life characteristics are used as the basis for such accruals. The accrued depreciation calculation consists of applying an appropriate ratio to the surviving original cost of each vintage of each account, based upon the attained age and service life. The straight line accrued depreciation ratios are calculated as follows for the average service life procedure:

Ratio = 
$$1 - \frac{Average Remaining Life}{Average Service Life}$$
.

In life span groups, a different average service life is applicable to each vintage due to the expected concurrent retirement of all associated property which restricts the lives of successive additions. Thus, the accrued depreciation calculation is based on each vintage group's individual average service life.

The annual accrual rate for each account is equal to the sum of the remaining life annual accruals for all vintages divided by the account's total original cost. The account's "composite remaining life" is calculated by dividing the sum of the future book accruals for all vintages by the sum of the remaining life annual accruals for all vintages.

#### III. RESULTS OF STUDY

#### DESCRIPTION OF SUMMARY TABULATION

The table on page III-3 summarizes the results of the depreciation study for CPTAI. The tables sets forth, by account, the estimated survivor curve, net salvage percent, original cost, book depreciation reserve, future accruals, calculated annual accrual amount and rate, and the composite remaining life.

#### **DESCRIPTION OF DETAILED TABULATIONS**

The tables of the calculated annual depreciation applicable to plant as of December 31, 2004 are presented in account sequence in the following section and indicate the estimated average survivor curves and net salvage percents used in the calculations. The tables set forth, for each installation year, the original cost, calculated accrued depreciation, allocated book reserve, remaining life expectancy, and the calculated annual accrual. The summarized results by account are brought forward and presented in the table on page III-3.

CONOCOPHILLIPS TRANSPORTATION ALASKA, INC.

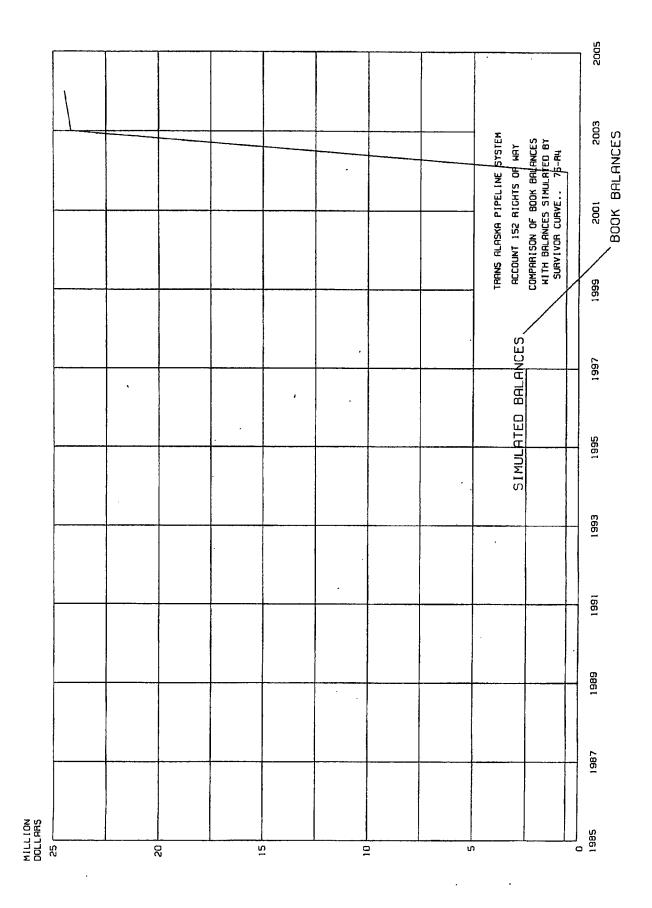
ESTIMATED SURVIVOR CURVES, ORIGINAL COST, BOOK RESERVE AND CALCULATED ANNUAL DEPRECIATION ACCRUALS RELATED TO PLANT IN SERVICE AT DECEMBER 31, 2004

	Composite	Summer of the	(8)=(5)/(6)	10000	0	6.67	28.5	27.0	28.1	26.4	27.2	23.0	25.8	27.0	27.4	25.3	26.4	16.5	1 1	:	26.1
		ı	(7)=(6)/(3)		2 84	7.07	0.90	1.10	0.74	0.98	0.88	1.00	1.73	1.08	1.10	0.86	1.33	2.98	2.10	e i	0.87
	Annual Ac	Amount	/(9)=( <i>L</i> )	•	191 732	70 1,101	525,233	236,251	13.247.925	1,632,255	46,899	340,775	4,927	2,565,145	205.230	4,285,104	134,857	888,126	1,238,386		25,542,845
		Accruais			5 740 465	0010110	14,972,565	6,375,627	372,904,968	43,018,480	1,276,580	7,843,328	127,228	69,305,752	5,621,297	108,240,915	3,554,020	14,694,790	13,804,965		667,480,980
	Book	Reserve	(4)		1.087.982	0,00,00	43,694,948	15,088,199	1,422,098,643	123,653,645	4,073,938	26,158,795	157,827	168,595,095	13,075,721	390,986,802	6,606,131	15,114,060	45,121,631		2,275,513,417
Original Cost	at	December 31, 2004	(3)		6,828,447.00	59 557 542 00	00.515,750	21,463,826.00	1,795,003,611.00	166,672,125.00	5,350,518.00	34,002,123.00	285,055.00	237,900,847.00	18,697,018.00	499,227,717.00	10,160,151.00	29,808,850.00	58,926,596.00	.	2,942,994,397.00
,	Survivor	Curve	(2)		75-R4	80-R2 5	20.00		80-K2.5	60-K1.5	60-K3	36-52.5	40-K1.5	56.52.5	25-00	32-K3	. c.15-04	79-K2	16-KZ.5		
	Donosiohi C.	droup argentant	(E)	52 RIGHTS OF WAY	153 1 INF PIPE			155 PIPELINE CONSTRUCTION	156 BUILDINGS	157 BOILERS	158 PUMPING EQUIPMENT	159 MACHINE TOOLS AND MACHINERY	_	Ü	162 DELIVERY FACILITIES	163 COMMUNICATION SYSTEMS	Ī	165 VEHICLES AND OTHER WORK FOLIPMENT		TOTAL	
				<del>-</del>		•	_	~-	<del>~</del>	÷	÷	÷	¥	<del>1</del> 6	×	7	₹ 2	7			

LIFE SPAN PROCEDURE USED. CURVE SHOWN IS INTERIM SURVIVOR CURVE.

III-4

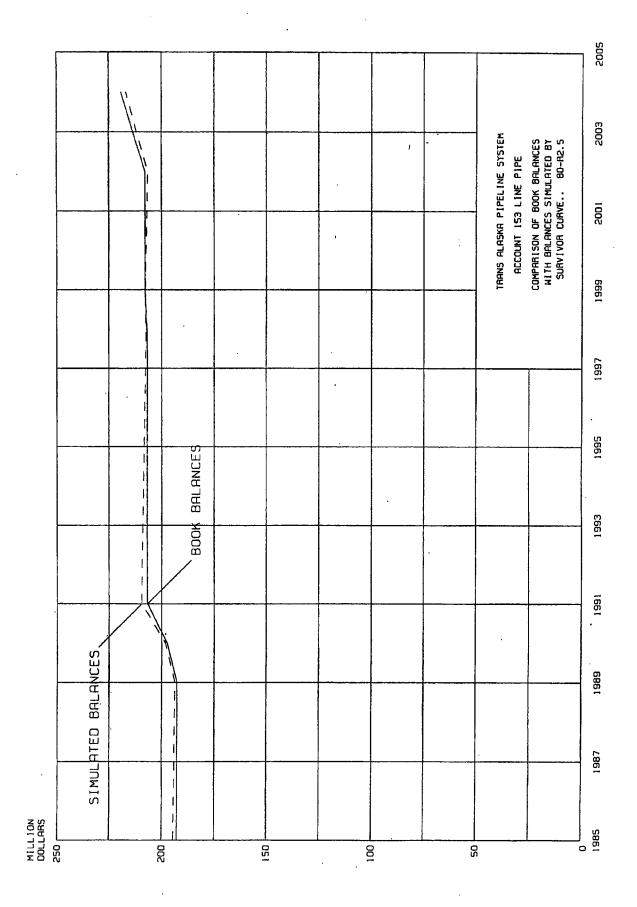
LIFE ANALYSES



#### ACCOUNT 152 RIGHTS OF WAY

# SIMULATED PLANT BALANCES BASED ON SURVIVOR CURVE.. 75-R4

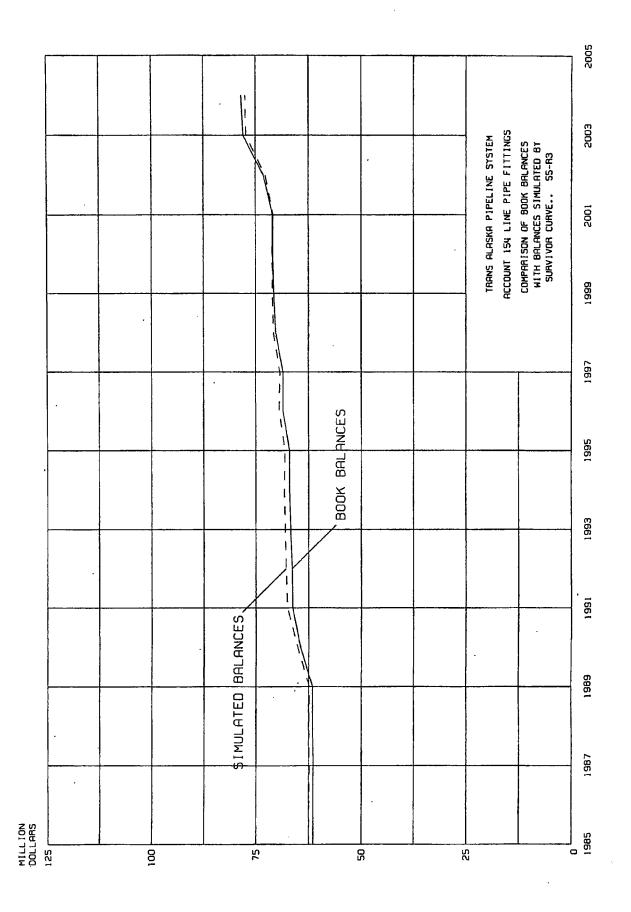
YEAR	BOO BALA		SIMULATED BALANCE	DIFFERENCE
ILAK	раца	NCE	BALIANCE	DIFFERENCE
1985	567	,619	576,385	8,766-
1986	569	,467	576,354	6,887-
1987	569	,467	576,317	6,850-
1988	569	,467	576,273	6,806-
1989	569	,467	576,221	6,754-
1990	569	,467	576,162	6,695-
1991	569	,467	576,091 ·	6,624-
1992	569	,467	576,010	6,543-
1993	569	,467	575,916	6,449-
1994	569	,467	575,805	6,338-
1995	569	,467	575,678	6,211-
1996	574	,350	575,533	1,183-
1997	574	,350	575,363	1,013-
1998	574	,350	575,171	821-
1999	574	,350	574,953	603-
2000		,350	574,699	349-
2001	574	,236	574,414	178-
2002	574	,236	5 <b>74,</b> 092	144
2003	24,156	,139	24,155,496	643
2004	24,460	,224	24,458,872	1,352
				RETIREMENTS
AVERA	GE BOOK	RESIDUAL	CONFORMANCE	EXPERIENCE
	LANCE	MEASURE	INDEX	BEG END
2,9	44,944	5,103	577.1	0.0 0.6



#### ACCOUNT 153 LINE PIPE

## SIMULATED PLANT BALANCES BASED ON SURVIVOR CURVE.. 80-R2.5

YEAR	BOOK BALANCE	SIMULATED BALANCE	DIFFERENCE
1985 1 1986 1 1987 1 1988 1 1989 1 1990 1 1991 2 1992 2 1993 2 1994 2 1995 2 1996 2 1997 2 1998 2	92,634,499 92,618,646 92,618,646 92,617,638 92,617,638 97,430,912 06,624,368 06,696,427 06,696,428 06,696,428 06,694,006 06,641,116 06,773,916	194,517,706 194,310,132 194,090,979 193,859,224 193,617,253 198,175,196 209,315,370 209,123,884 208,817,355 208,496,226 208,158,754 207,804,183 207,433,026 207,177,439	1,883,207- 1,691,486- 1,472,333- 1,241,586- 999,615- 744,284- 2,691,002- 2,427,457- 2,120,927- 1,799,798- 1,464,748- 1,163,067- 791,910- 403,523-
2000 2	07,607,649 07,607,649 07,577,744	207,603,160 207,174,759 206,726,893	4,489 432,890 850,851
2002 2 2003 2	07,620,444 13,519,032 19,208,447	206,726,833 206,301,528 211,707,445 216,876,659	1,318,916 1,811,587 2,331,788
AVERAGE B BALANC	E MEASURE	CONFORMANCE INDEX 131.3	RETIREMENTS' EXPERIENCE BEG END 0.7 4.0

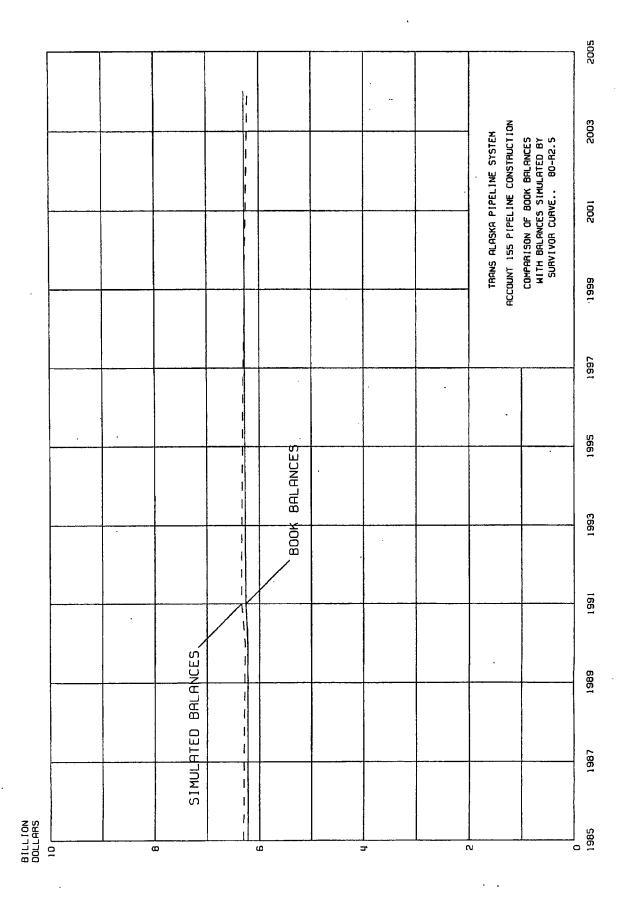


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#### ACCOUNT 154 LINE PIPE FITTINGS

# SIMULATED PLANT BALANCES BASED ON SURVIVOR CURVE.. 55-R3

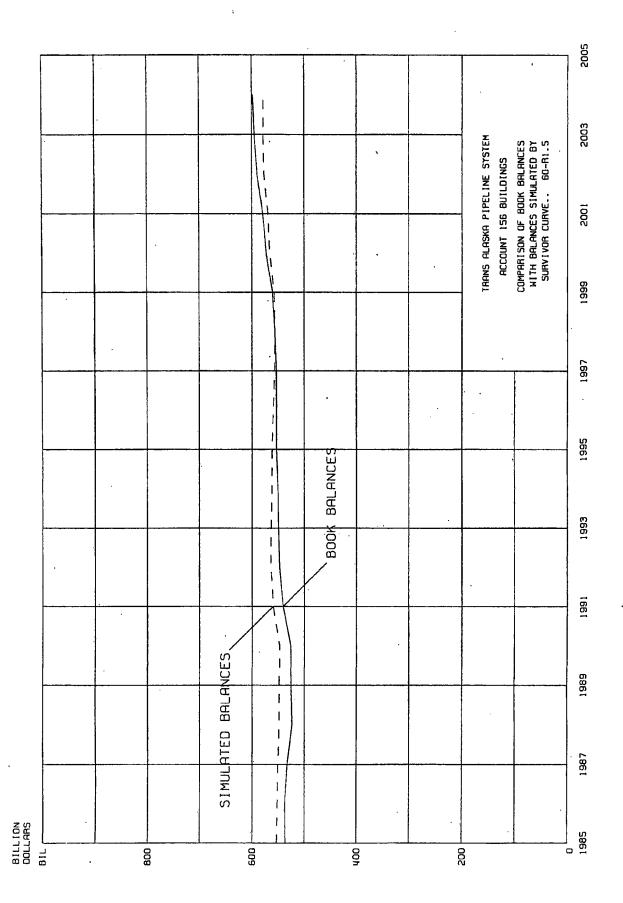
YEAR	BOO: BALA	<del>-</del>	SIMULATED BALANCE	DIFFERENCE
1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000 2001	61,408 61,412 61,414 61,546 61,544 64,424 66,300 66,757 67,050 67,050 68,545 70,240 70,636 70,949	,051 ,188 ,599 ,008 ,397 ,361 ,146 ,886 ,926 ,926 ,137 ,137 ,573 ,792	62,395,202 62,350,458 62,294,321 62,376,339 62,299,848 65,097,208 67,532,680 67,835,678 68,073,997 68,238,268 68,096,119 69,436,566 69,264,150 70,770,433 70,959,185 71,044,806 70,797,775	987,158- 938,407- 880,133- 829,740- 755,840- 672,811- 1,232,319- 1,425,532- 1,316,111- 1,187,342- 1,045,193- 891,429- 719,013- 529,860- 322,393- 95,558- 146,119
2002	73,117	•	72,702,214	414,899
2003 2004	77,941 78,416	•	77,233,974 77,460,591	707,408 956,017
BAI	GE BOOK ANCE	RESIDUAL MEASURE	CONFORMANCE INDEX	RETIREMENTS EXPERIENCE BEG END
67,732,771		878,652	77.1	0.4 5.5



#### ACCOUNT 155 PIPELINE CONSTRUCTION

## SIMULATED PLANT BALANCES BASED ON SURVIVOR CURVE.. 80-R2.5

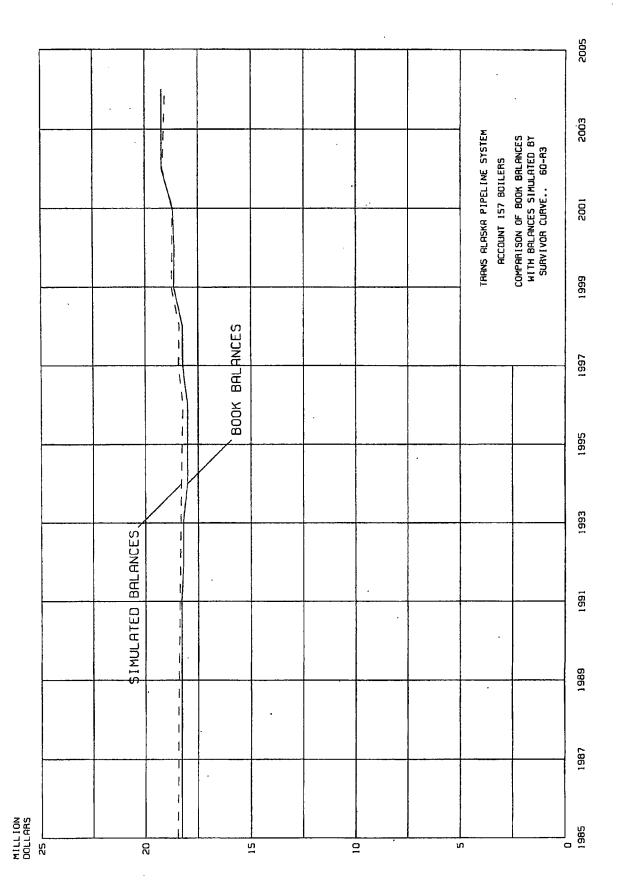
YEAR	BO BAL	OK ANCE	SIMULATED BALANCE	DIFFERENCE
1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999	6,221,74 6,221,93 6,225,41 6,224,38 6,224,11 6,224,46 6,258,95 6,264,46 6,266,90 6,268,60 6,268,60 6,271,98 6,272,12 6,273,39 6,274,95	0,039 8,661 7,844 9,306 5,790 1,661 3,999 8,518 6,416 3,870 8,428 1,026 7,502	6,303,845,754 6,298,907,082 6,295,298,789 6,286,794,528 6,279,490,815 6,272,625,000 6,340,109,269 6,338,462,561 6,331,884,656 6,324,560,308 6,315,380,188 6,309,659,216 6,298,180,632 6,287,302,985 6,276,098,851 6,265,418,283	82,102,493- 76,977,043- 69,880,128- 62,406,684- 55,371,509- 48,159,210- 81,157,608- 73,998,562- 64,977,666- 56,461,790- 46,773,514- 37,672,800- 26,056,762- 13,904,557- 1,147,825- 12,229,219
2001 2002	6,276,55 6,278,80	•	6,251,579,668 6,239,921,055	24,977,324 38,881,567
2002 2003 2004	6,279,24 6,280,62	9,792	6,225,042,571 6,210,358,477	54,207,221 70,264,080
	AGE BOOK ALANCE	RESIDUA MEASURE	L CONFORMANCE INDEX	RETIREMENTS EXPERIENCE BEG END
6,257,7	721,597	55,201,028	113.4	0.7 4.0



#### ACCOUNT 156 BUILDINGS

## SIMULATED PLANT BALANCES BASED ON SURVIVOR CURVE.. 60-R1.5

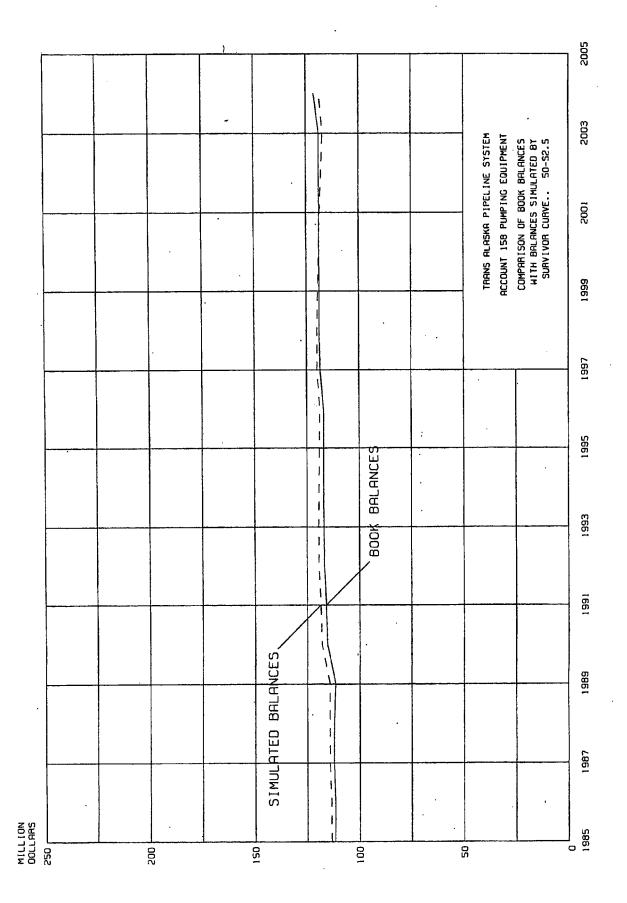
YEAR	BOO: BALAI		SIMULATED BALANCE	DIFFERENCE
TUTIL	DALLE		DAILUCE .	DITTERENCE
1985	536,670	,784	553,239,165	16,568,381-
1986	537,471	•	552,091,923	14,620,085-
1987	533,256	,627	550,622,295	17,365,668-
1988	523,852	,720	548,753,881	24,901,161-
1989	525,595	,462	548,301,479	22,706,017-
1990	526,324	,845	547,747,584	21,422,739-
1991	540,843	,663	559,829,735	18,986,072-
1992	547,661	, 937	564,226,768	16,564,831-
1993	549,627	,809	563,982,077	14,354,268-
1994	550 <b>,</b> 777	,231	562,434,041	11,656,810-
1995	553,477	,898	562,288,627	8,810,729-
1996	553,444	•	559,409,137	5,964,635-
1997	553,643	-	556,733,522	3,090,489-
1998	556,359	•	556,342,646	16,527
1999	560,710	•	557,526,725	3,183,625
2000	572,206		565,770,196	6,436,377
2001	578,196		568,370,871	9,825,359
2002	589,501	•	576,105,426	13,396,080
2003	594,597		577,554,077	17,043,669
2004	598,151	, 252	577,288,405	20,862,847
				RETIREMENTS
AVE	RAGE BOOK	RESIDUAL	CONFORMANCE	EXPERIENCE
	BALANCE	MEASURE	· INDEX	BEG END
554	,118,559 1	5,061,935	36.8	2.8 12.4



#### ACCOUNT 157 BOILERS

## SIMULATED PLANT BALANCES BASED ON SURVIVOR CURVE.. 60-R3

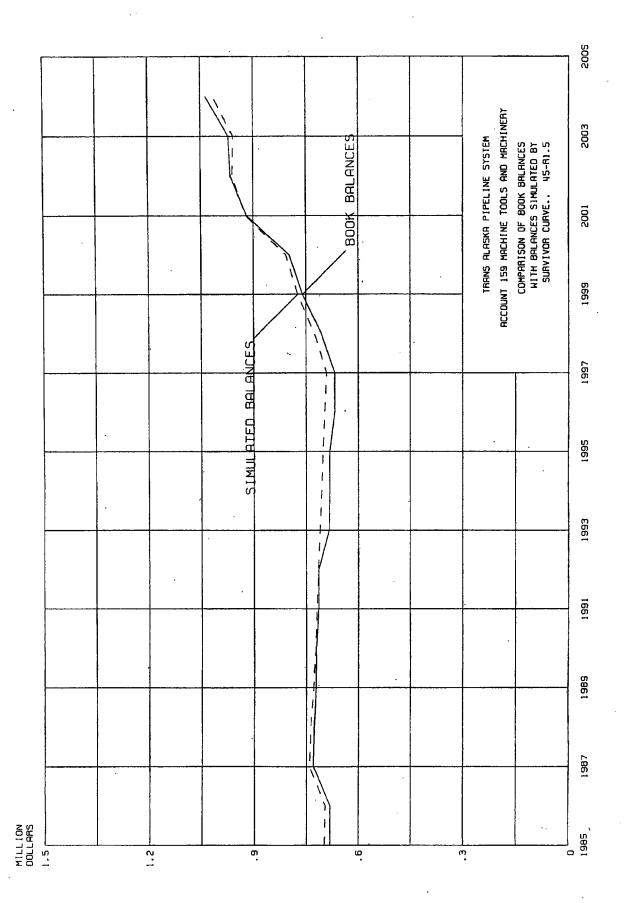
YEAR	BOO! BALAI	-	SIMULATED BALANCE	DIFFERENCE	
1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998	18,247 18,251 18,266 18,265 18,265 18,271 18,181 18,001 17,998 17,997 18,208 18,212 18,631	,756 ,246 ,247 ,927 ,927 ,709 ,270 ,270 ,542 ,195 ,219 ,099	18,444,361 18,435,099 18,434,530 18,417,786 18,398,784 18,377,992 18,360,833 18,335,435 18,307,380 18,276,641 18,242,854 18,205,793 18,412,430 18,372,819 18,743,061	196,762- 183,343- 168,284- 151,539- 132,857- 112,065- 89,165- 124- 154,165- 126,110- 275,099- 244,659- 208,574- 204,331- 160,198- 112,044-	
2000 2001 2002	18,609 18,667 19,200	, 802	18,690,869 18,695,356 19,167,028	81,228- 27,554- 33,930	
2003 2004	19,200,958		19,100,737 19,029,755	100,221 171,801	
AVERAGE BALA	NCE	RESIDUAL MEASURE	CONFORMANCE INDEX	RETIREMENTS EXPERIENCE BEG END	
18,406,378 159,45		159,454	115.4	0.4 4.4	



#### ACCOUNT 158 PUMPING EQUIPMENT

## SIMULATED PLANT BALANCES BASED ON SURVIVOR CURVE.. 50-S2.5

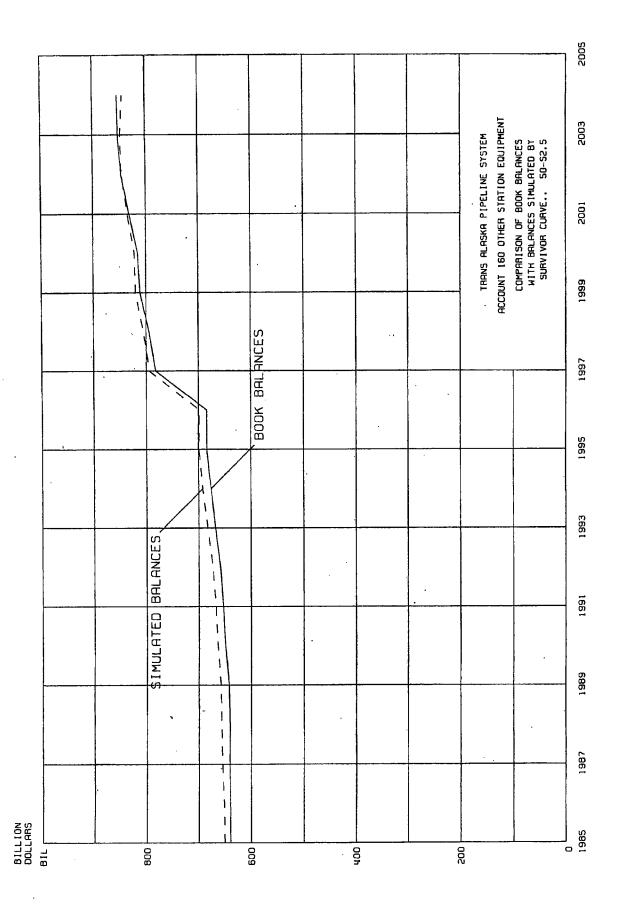
YEAR	BOOK BALANCE	SIMULATED BALANCE	DIFFERENCE
1985 1986	111,716,942 111,747,351	113,519,445 113,531,916	1,802,503- 1,784,565-
1987	112,340,630	114,337,700	1,997,070-
1988	112,308,475	114,294,648	1,986,173-
1989 1990	111,535,084 115,504,102	114,267,180	2,732,096-
1991	115,988,912	118,169,633 118,568,048	2,665,531- 2,579,136-
1992	116,930,556	119,499,096	2,568,540-
1993 .	117,008,663	119,438,870	2,430,207-
1994	117,025,239	119,285,293	2,260,054-
1995	117,025,220	119,076,168	2,050,948-
1996	117,047,290	118,823,544	1,776,254-
1997	118,565,283	120,039,552	1,474,269-
1998	118,869,373	119,986,053	1,116,680-
1999	118,869,373	119,566,358	696,985-
2000 2001	118,869,612 118,870,713	119,078,077	208,465~
2001	118,899,001	118,522,778 117,904,157	3 <b>47</b> ,935 994,844
2002	118,899,003	117,304,137	1,731,394
2003	121,229,208	118,664,837	2,564,371
2001	121,223,200	110,001,00,	2/301/3/1
			RETIREMENTS
AVERAGI	BOOK RESIDUAL	CONFORMANCE	EXPERIENCE
BAL	ANCE . MEASURE	INDEX	BEG END
116,46	2,502 1,939,008	60.1	0.0 5.4



#### ACCOUNT 159 MACHINE TOOLS AND MACHINERY

## SIMULATED PLANT BALANCES BASED ON SURVIVOR CURVE.. 45-R1.5

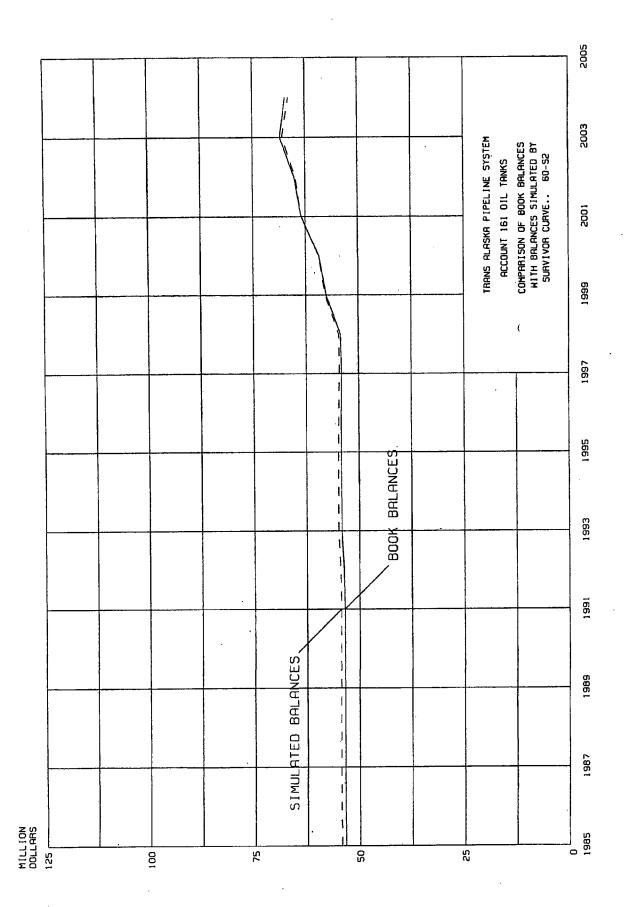
YEAR	BOO BALA		SIMULATED BALANCE	DIFFERENCE
TEAK	the state of the s		511211102	
1985	681	,961	698,420	16,459-
1986		,961	696,366	14,405-
1987		,438	741,307	10,869-
1988		,889	737,527	9,638~
1989		,718	728,434	5,716-
1990		,718	724,366	1,648-
1991		,009	720,137	5,128-
1992	·	,009	715,741	732-
1993		,275	711,177	26,902-
1994		,614	706,436	23,822-
1995		,171	701,513	19,342-
1996		,415	696,400	28,985-
1997		,383	691,094	23,711-
1998		,179	725,936	19,757-
1999	759	,609	773,375	13,766-
2000		,495	807,235	9,740-
2001	918	,381	921,189	2,808-
2002	964	,419	959,638	4,781
2003	969	,682	956,906	12,776
2004	1,035	,191	1,013,962	21,229
			•	RETIREMENTS
AVE	RAGE BOOK	RESIDUAL	CONFORMANCE	EXPERIENCE
	BALANCE	MEASURE	INDEX	BEG END
	761,626	16,029	47.5	4.0 19.3



#### ACCOUNT 160 OTHER STATION EQUIPMENT

## SIMULATED PLANT BALANCES BASED ON SURVIVOR CURVE.. 50-S2.5

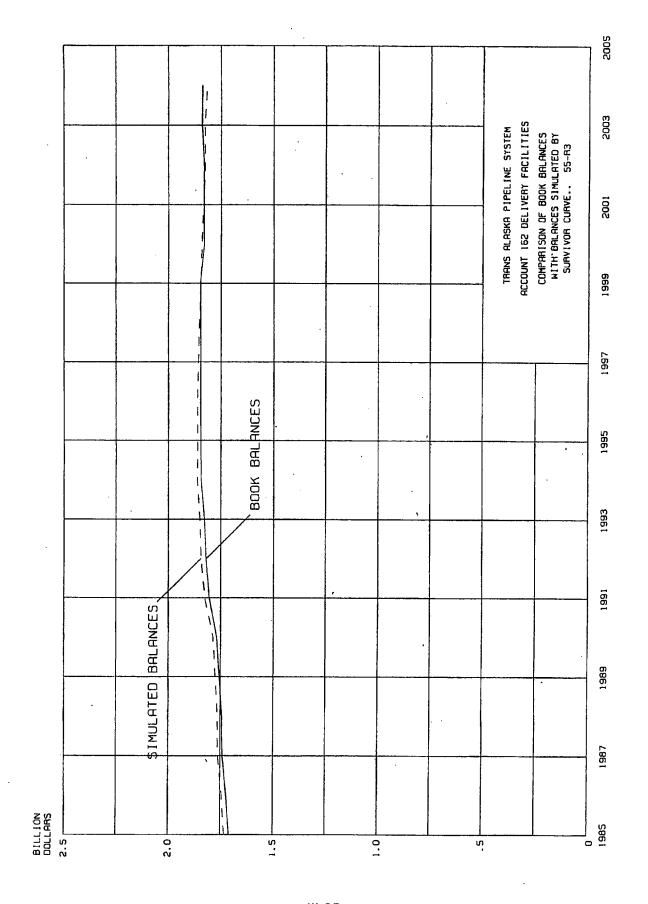
YEAR	BOC BALA		SIMULATED BALANCE	DIFFERENCE
124				
1985	639,436	5,731	650,008,418	10,571,687-
1986	640,246	5,402	651,095,873	10,849,471-
1987	641,353	3,810	655,026,021	13,672,211-
1988	640,891	L,390	656,253,776	15,362,386-
1989	642,405	5,271	657,495,978	15,090,707-
1990	649,046	5,320	663,834,010	14,787,690-
1991	652,948	3,603	667,571,819	14,623,216-
1992	658,643	•	673,016,732	14,373,566-
1993	667,922	2,237	682,811,068	14,888,831-
1994	676,390	0,823	692,309,559	15,918,736-
1995	684,230	0,004	699,053,259	14,823,255-
1996	684,114	1,876	698,123,786	14,008,910-
1997	782,143	1,592	794,394,193	12,252,601-
1998	794,484	1,336	804,620,555	10,136,219-
1999	810,506	5 <b>,</b> 793	819,573,934	9,067,141-
2000	814,934	4,667	821,370,064	6,435,397-
2001	830,806	5,740	833,962,137	3,155,397-
2002	845,76	1,120	845,309,290	451,830
2003	851,668	8,491	846,895,204	4,773,287
2004	853,139	9,084	843,403,175	9,735,909
				RETIREMENTS
AVERAG	E BOOK	RESIDUAL	CONFORMANCE	EXPERIENCE
BAL	ANCE	MEASURE	INDEX	BEG END
723,05	3,623	12,071,740	59.9	0.0 5.4



#### ACCOUNT 161 OIL TANKS

## SIMULATED PLANT BALANCES BASED ON SURVIVOR CURVE.. 60-S2

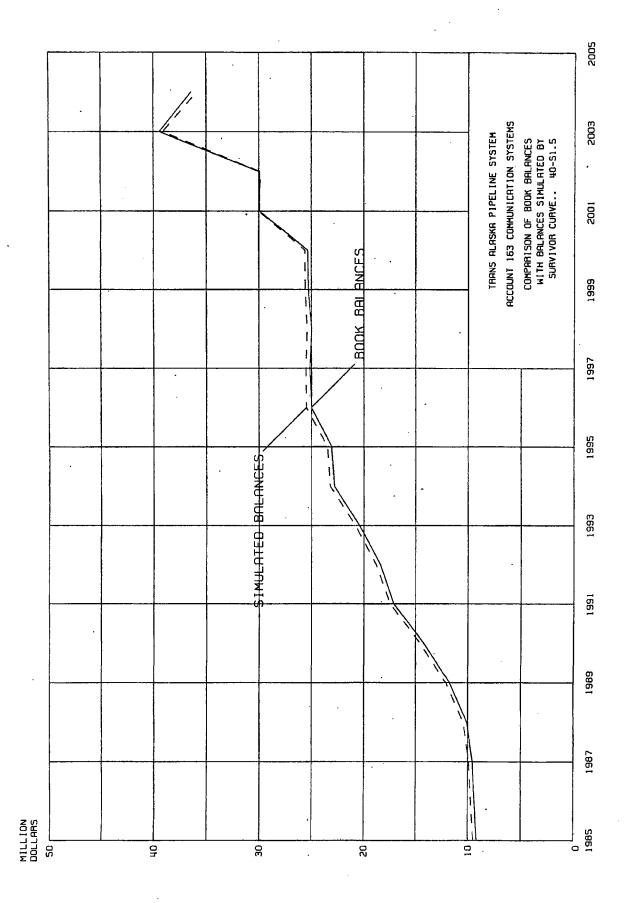
YEAR	BOOI BALAI	=	SIMULATED BALANCE	DIFFERENCE
1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	53,244,53,367,53,411,53,460,53,630,54,150,54,184,54,189,54,184,54,067,54,274,57,610,59,307,	377 113 648 648 401 401 668 529 408 960 070 947 584 497	54,226,862 54,342,744 54,402,723 54,381,819 54,362,325 54,385,379 54,352,767 54,481,971 54,972,637 54,947,127 54,878,258 54,789,548 54,590,695 54,676,667 57,873,167 59,411,536	982,649- 975,367- 984,610- 970,171- 950,677- 924,978- 892,366- 851,303- 822,108- 762,719- 688,298- 605,478- 522,748- 402,083- 262,670- 104,181-
2001	63,469		63,401,901	67,584
2002 2003 2004			64,840,362 67,979,319 66,481,382	270,813 497,184 749,345
AVERAG BAL	E BOOK ANCE	RESIDUAL MEASURE	CONFORMANCE INDEX	RETIREMENTS EXPERIENCE BEG END
56,683,085 728,265		728,265	77.8	0.0 3.9



#### ACCOUNT 162 DELIVERY FACILITIES

## SIMULATED PLANT BALANCES BASED ON SURVIVOR CURVE.. 55-R3

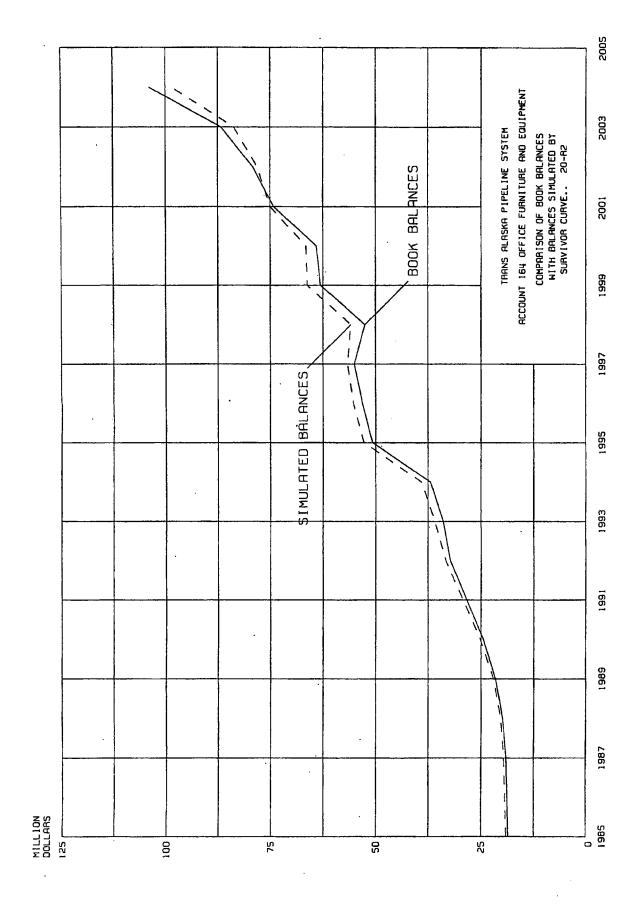
	BOOK		SI	MULAT	TED		
YEAR	BALAN	ICE	E	BALANC	CE	DIFFER	ENCE
•							
1985	1,707,871,		1,731,	•		23,282,	
1986	1,721,356,	820	1,743,	246,5	524	21,889,	
1987	1,739,971,	819	1,762,			22,069,	
1988	1,743,724,	777	1,763,	887,7	768	20,162,	
1989	1,755,272,	375	1,775,	214,9	912	19,942,	
1990	1,769,306,		1,787,	-		17,924,	857-
1991	1,805,553,	263	1,825,	130,5	525	19,577,	262-
1992	1,819,348,	285	1,844,	133,2	275	24,784,	990-
1993	1,828,069,	420	1,849,	794,9	960	21,725,	540-
1994	1,843,351,	777.	1,861,	198,7	774	17,846,	
1995	1,846,174,	649	1,860,	092,3	356	13,917,	70.7-
1996 .	1,847,840,	650	1,861,	416,7	766	13,576,	116-
1997	1,846,772,	668	1,857,	438,8	346 .	10,666,	178-
1998	1,847,250,	476	1,852,	256,0	007	5,005,	
1999	1,847,280,	318	1,846,	095,7	740	1,184,	578
2000	1,829,861,	767	1,839,	618,3	387	9,756,	620-
2001	1,829,860,	447	1,832,	604,8	313	2,744,	366-
2002	·1,829,902,	944	1,824,	693,5	564	5,209,	380
2003	1,839,766,	493	1,825,	,951,2	247	13,815,	246
2004	1,837,801,	622	1,814,	,936,7	732	22,864,	890
						RETIREM	ENTS
AVER	AGE BOOK	RESIDUAI		CONF	ORMANCE	EXPERI	ENCE
	ALANCE	MEASURE	٠,		NDEX	BEG.	END
				-	·		
1,806,	816,897 17	7,005,387		10	06.2	0.4	5.5



#### ACCOUNT 163 COMMUNICATION SYSTEMS

## SIMULATED PLANT BALANCES BASED ON SURVIVOR CURVE.. 40-S1.5

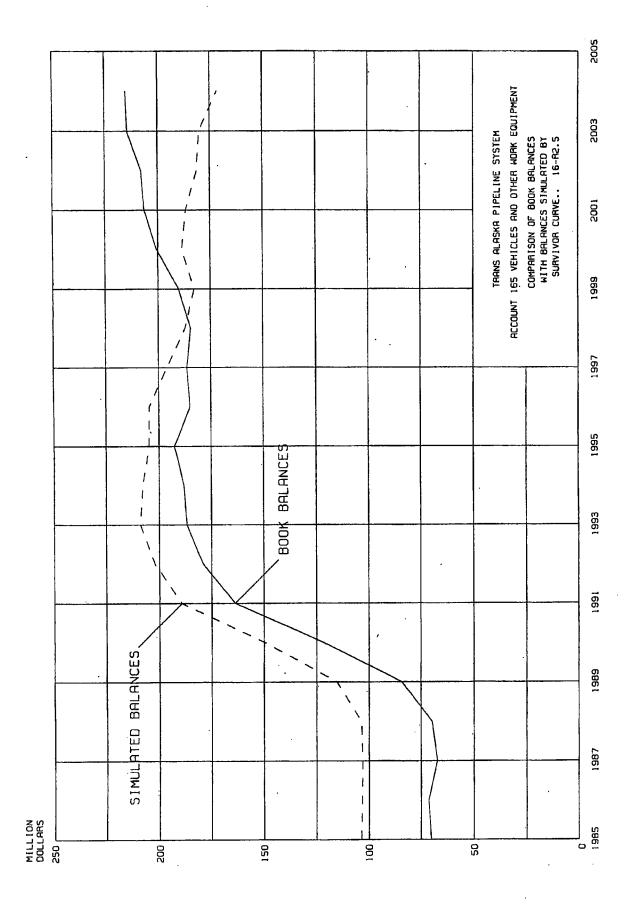
YEAR	BOO! BALA!	·=	SIMULATED BALANCE	DIFFERENCE		
1985 1986 1987 1988	9,174 9,379 9,569 10,095	, 938 , 516	9,489,708 9,704,455 9,913,524 10,445,116	314,817- 324,517- 344,008- 349,249-		
1989 1990 1991	11,743 14,220 17,088	, 984	12,100,024 14,592,463 17,436,962	356,535- 371,479- 348,732-		
1992 1993	18,388 20,386	,006 ,087	18,807,729 20,781,715	419,723- 395,628-		
1994 1995 1996	22,823 23,061 24,997	,648	23,219,741 23,472,177 25,478,786	395,744- 410,529- 481,563-		
1997 1998 1999	25,136 24,979 25,282	,124	25,513,172 25,403,757 25,588,028	376,911- 424,633- 305,557-		
2000 2001 .	25,342 29,937	,418 ,340	25,595,431 30,018,876 29,826,657	253,013- 81,536- 110,683		
2002 2003 2004	29,937 39,425 36,397	,851	39,101,737 35,837,302	324,114 560,314		
•	GE BOOK LANCE	RESIDUAL MEASURE	CONFORMANCE INDEX	RETIREMENTS EXPERIENCE BEG END		
21,3	68,415	363,240	58.8	0.7 20.1		



#### ACCOUNT 164 OFFICE FURNITURE AND EQUIPMENT

## SIMULATED PLANT BALANCES BASED ON SURVIVOR CURVE. 20-R2

YEAR		OOK LANCE	SIMULATED BALANCE	DIFFERENCE
1985	18,61	13,500	19,080,822	467,322-
1986	18,80	8,707	19,368,653	559,946~
1987	19,06	8,203	19,655,482	587,279-
1988	19,93	38,335	20,399,575	461,240-
1989	21,59	5,527	22,044,031	448,504-
1990	24,46	55,262	25,191,110	725,848-
1991	28,35	50,810	29,204,610	853,800-
1992	32,17	75,036	33,262,687	1,087,651-
1993	33,87	78,314	35,875,797	1,997,483-
1994	36,91	18,186	39,034,717	2,116,531~
1995	50,69	95,919	52,751,921	2,056,002-
1996	53,10	06,312	55,290,368	2,184,056-
1997	55,04	19,018	56,679,561	1,630,543-
1998	- ,	99,002	55,902,516	3,403,514~
1999		35,410	66,265,579	3,180,169-
2000	-	77,137	66,571,796	2,494,659-
2001	74,13	36,986	74,968,916	831,930-
2002	•	37,741	78,056,025	1,031,716
2003	•	28,662	83,631,347	3,097,315
2004	103,95	50,241	98, <u>5</u> 90,599	5,359,642
		•		RETIREMENTS
AVER	AGE BOOK	RESIDUAL	CONFORMANCE	EXPERIENCE
В	ALANCE	MEASURE	INDEX	BEG END
46,	811,415	2,143,029	21.8	8.2 84.3



#### ACCOUNT 165 VEHICLES AND OTHER WORK EQUIPMENT

## SIMULATED PLANT BALANCES BASED ON SURVIVOR CURVE.. 16-R2.5

YEAR	BOO BALA		SIMULATED BALANCE	DIFFERENCE
1985 1986 1987 1988 1989 1990 1991 1992 1993 1994 1995 1996 1997 1998 1999 2000	70,122 71,372 67,190 69,750 84,133 121,765 163,622 179,054 186,690 188,083 192,590 185,025 186,374 190,213	2,286 0,187 0,305 9,276 5,338 2,419 4,938 0,893 0,743 5,995 4,367 7,196 8,584 5,676	103,519,006 103,174,556 102,840,576 103,512,252 115,386,259 149,603,606 189,388,385 201,983,030 208,921,484 207,750,789 204,617,372 204,513,444 195,997,601 187,198,120 182,706,220 188,545,586	33,396,206- 31,802,270- 35,650,389- 33,761,947- 31,246,983- 27,838,268- 25,765,966- 22,928,092- 22,230,592- 19,662,856- 12,026,629- 19,487,449- 9,623,234- 2,720,924- 7,507,364 11,941,090
2001 2002	206,252 207,769	. *	186,553,622 181,301,971	19,699,232 26,464,010
2003 2004	214,333 215,081	3,376	180,192,003 171,551,009	34,141,373 43,530,756
AVERAGE BALA	E BOOK	RESIDUAL MEASURE	CONFORMANCE INDEX	RETIREMENTS EXPERIENCE BEG END
159,219	9,946 2	25,818,198	6.2	9.3 99.7

#### ACCOUNT 152 RIGHTS OF WAY

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUT. BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
PROB	RIM SURVIVOR CU ABLE RETIREMENT SALVAGE PERCENT	YEAR 12-2				
1977	250,279.00	121,836	250,279			
2003	6,578,168.00	311,805	837,703	5,740,465	29.94	191,732
	6,828,447.00	433,641	1,087,982	5,740,465		191,732
COMPOS	SITE REMAINING	LIFE AND ANN	UAL ACCRUAL	RATE, PCT	29.9	2.81

#### ACCOUNT 153 LINE PIPE

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOO RESERVE (4)	K FUT. BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)
INTE	RIM SURVIVOR C	URVE IOWA 8	30-R2.5			
	BABLE RETIREMEN					
NET	SALVAGE PERCEN	T 0				
1977	49,586,863.00	•	40,262,273	9,324,590	28.10	331,836
1978	55,437.00	26,094	44,121	11,316	28.18	402
1979	420,260.00	193,782	327,660	92,600	28.25	3,278
1980	324,848.00	146,474	247,668	77,180	28.33	2,724
1983	67,807.00	28,377	47,982	19,825	28.53	695
1984	1.00			1	28.60	0,5
1985	62,008.00	24,462	41,362	20,646	28.66	720
1986	590.00	225	380	210	28.72	720
1990	1,368,731.00	446,206	754,475	614,256	28.93	21,232
1991	3,248,687.00	1,008,068	1,704,509	1,544,178	28.98	53,284
1992	28,772.00	8,468	14,318	14,454	29.02	498
1998	37,847.00	6,729	11,378	26,469	29.27	904
1999	237,787.00	36,762	62,160	175,627	29.30	5,994
2003	1,652,012.00	78,636	132,963	1,519,049	29.42	51,633
2004	1,575,863.00	25,844	43,699	1,532,164	29.45	52,026
			·	.,,		32,020
	58,667,513.00	25,841,739	43,694,948	14,972,565		525,233
						222,233
COMPO	SITE REMAINING	LIFE AND ANN	UAL ACCRUAL	RATE, PCT	28.5	0.90

#### ACCOUNT 154 LINE PIPE FITTINGS

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUT. BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
						, ,
INTE	ERIM SURVIVOR CU	RVE IOWA 5	5-R3			
PROE	BABLE RETIREMENT	YEAR 12-2	034			
NET	SALVAGE PERCENT	0				
1977	11,160,915.00	5,711,040	9,479,044	1,681,871	24.52	68,592
1978	79,673.00	39,837	66,120	13,553	24.86	545
1979	1,331,184.00	649,884	1,078,662	252,522	25.18	10,029
1980	1,607,552.00	765,356	1,270,319	337,233	25.49	13,230
1981	599,911.00	278,119	461,615	138,296	25.79	5,362
1982	891,910.00	402,162	667,499	224,411	26.07	8,608
1983	605,633.00	265,328	440,385	165,248	26.33	6,276
1984	94,423.00	40,111	66,575	27,848	26.58	1,048
1985	17,103.00	7,034	11,675	5,428	26.81	202
1986	3,919.00	1,557	2,584	1,335	27.03	49
1987	604.00	231	383	221	27.24	8
1988	37,727.00	13,884	23,044	14,683	27.44	535
1990	815,829.00	274,690	455,924	359,905	27.80	12,946
1991	716,304.00	229,217	380,449	335,855	27.97	12,008
1992	115,575.00	34,996	58,086	57,489	28.12	2,044
1993	102,043.00	29,052	48,220	53,823	28.27	1,904
1994	83,287.00	22,163	36,786	46,501	28.40	1,637
1996	408,162.00	92,204	153,038	255,124	28.65	8,905
1998	482,745.00	87,715	145,587	337,158	28.87	11,678
1999	112,756.00	17,793	29,532	83,224	28.97	2,873
2000	90,170.00	11,975	19,876	70,294	29.06	2,419
2002	626,573.00	48,998	81,326	545,247	29.22	18,660
2003	1,351,815.00	65,022	107,921	1,243,894	29.30	42,454
2004	128,013.00	2,138	3,549	124,464	29.36	4,239
						-,
	21,463,826.00	9,090,506	15,088,199	6,375,627		236,251
				•		<b>,</b>
COMPO	SITE REMAINING 1	LIFE AND ANNU	JAL ACCRUAL R	ATE, PCT	27.0	1.10
				•	· - <del>-</del>	

#### ACCOUNT 155 PIPELINE CONSTRUCTION

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOM RESERVE (4)	K FUT. BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)			
PROB	INTERIM SURVIVOR CURVE IOWA 80-R2.5 PROBABLE RETIREMENT YEAR 12-2034 NET SALVAGE PERCENT 0								
19771	722,840,566.00	827,308,040	1376851,059	345 989 507	28.10	12 212 704			
1978	17,622,360.00	8,294,845	13,804,732	3,817,628	28.18	12,312,794 135,473			
1979	6,946,418.00	3,202,993	5,330,595	1,615,823	28.25	57,197			
1980	2,442,545.00	1,101,344	1,832,917	609,628	28.33	21,519			
1983	7,025,151.00	2,940,026	4,892,951	2,132,200	28.53	74,735			
1984	102,144.00	41,532	69,120	33,024	28.60	1,155			
1985	6,457,701.00	2,547,563	4,239,793	2,217,908	28.66	77,387			
1986	518,391.00	197,922	329,393	188,998	28.72	6,581			
1987	694,212.00	256,095	426,207	268,005	28.77	9,315			
1989	149,916.00	51,091	85,028	64,888	28.88	2,247			
1990	379,946.00	123,862	206,138	173,808	28.93	6,008			
1991	21,432,675.00	6,650,559	11,068,222	10,364,453	28.98	357,642			
1992	2,113,297.00	621,943	1,035,071	1,078,226	29.02	37,155			
1993	853,098.00	236,308	393,277	459,821	29.07	15,818			
1994	767,794.00	198,935	331,079	436,715	29.11	15,002			
1995	396,593.00	95,381	158,738	237,855	29.15	8,160			
1996	1,455,912.00	321,174	534,515	921,397	29.19	31,566			
1997	47,814.00	9,553	15,899	31,915	29.23	1,092			
1998	361,660.00	64,303	107,017	254,643	29.27	8,700			
1999	435,518.00	67,331	112,056	323,462	29.30	11,040			
2000	664,264.00	86,620	144,157	520,107	29.33	17,733			
2001	38,753.00	4,030	6,707	32,046	29.37	1,091			
2002	833,447.00	63,842	106,249	727,198	29.40	24,735			
2003	118,708.00	5,651	9,405	109,303	29.42	3,715			
2004	304,728.00	4,998	8,318	296,410	29.45	10,065			
1	795,003,611.00	854,495,941	1422098,643	372,904,968		13,247,925			
						• •			
COMPOS	SITE REMAINING	LIFE AND ANN	UAL ACCRUAL 1	RATE, PCT	28.1	0.74			

#### ACCOUNT 156 BUILDINGS

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AT DECEMBER 31, 2004

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUT. BOOK	REM.	ANNUAL				
YEAR	COST	OST ACCRUED RESERVE ACCRUALS LIFE		ACCRUAL						
(1)	(2)	(3)	(4)	(5)	(6)	(7)				
INT	INTERIM SURVIVOR CURVE IOWA 60-R1.5									
PRO:	BABLE RETIREMENT	YEAR 12-	2034							
NET	SALVAGE PERCENT	0								
1977	96,754,329.00	45,784,148	79,989,530	16,764,799	25.45	658,735				
1978	7,497,784.00	3,474,473	6,070,255	1,427,529	25.61	55,741				
1979	5,951,278.00	2,698,905	4,715,260	1,236,018	25.76	47,982				
1980	15,978,020.00	7,084,654	12,377,606	3,600,414	25.90	139,012				
1981	7,204,099.00	3,117,934	5,447,345	1,756,754	26.04	67,464				
1982	1,719,320.00	725,209	1,267,013	452,307	26.18	17,277				
1983	5,674,910.00	2,330,118	4,070,951	1,603,959	26.31	60,964				
1984	3,934,017.00	1,569,673	2,742,377	1,191,640	26.43	45,087				
1985	22,619.00	8,754	15,294	7,325	26.55	276				
1986	261,873.00	98,045	171,295	90,578	26.67	3,396				
1987	192,259.00	69,463	121,359	70,900	26.78	2,647				
1988	102,159.00	35,531	62,076	40,083	26.89	1,491				
1989	506,333.00	168,963	295,195	211,138	26.99	7,823				
1990	500,795.00	159,854	279,281	221,514	27.09	8,177				
1991	3,933,800.00	1,195,875	2,089,315	1,844,485	27.18	67,862				
1992	1,912,404.00	550,772	962,254	950,150	27.27	34,842				
1993	668,629.00	181,332	316,805	351,824	27.36	12,859				
1994	334,253.00	84,733	148,037	186,216	27.45	6,784				
1995	746,008.00	175,536	306,679	439,329	27.53	15,958				
1996	14,538.00	3,137	5,481	9,057	27.61	328				
1997	96,872.00	18,919	33,053	63,819	27.69	2,305				
1998	746,149.00	129,905	226,957	519,192	27.76	18,703				
1999	1,227,108.00	185,907	324,799	902,309	27.83	32,422				
2000	3,241,221.00	413,580	722,566	2,518,655	27.90	90,274				
2001	1,648,682.00	168,330	294,090	1,354,592	27.97	48,430				
2002	3,113,723.00	234,152	409,087	2,704,636	28.03	96,491				
2003	2,133,591.00	99,852	174,452	1,959,139	28.09	69,745				
2004	555,352.00	8,719	15,233	540,119	28.16	19,180				
			•	•	_	,				
	166,672,125.00	70,776,473	123,653,645	43,018,480		1,632,255				
				•		,,				

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PCT.. 26.4 0.98

#### ACCOUNT 157 BOILERS

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUT. BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)					
	INTERIM SURVIVOR CURVE IOWA 60-R3										
	PROBABLE RETIREMENT YEAR 12-2034										
NET :	SALVAGE PERCENT	0									
1977	3,733,523.00	1,868,628	3,156,027	577,496	25.94	22 262					
1978	38,287.00	18,757	31,680	6,607	26.18	22,263					
1979	18,009.00	8,621	14,560	3,449	26.18	252					
1980	230,815.00	107,883	182,209	48,606	26.42	131 1,825					
1983	574,384.00	247,962	418,797	155,587	27.24	•					
1984	176,497.00	73,935	124,873	51,624	27.42	5,712					
1986	1,872.00	735	1,241	631	27.42	1,883 23					
1987	6,101.00	2,309	3,900	2,201	27.73	79					
1988	2.00	1	2	2,201	27.71	19					
1991	2,887.00	915	1,545	1,342	28.44	47					
1997	126,394.00	25,671	43,357	83,037	29.03	2,860					
1998	2,388.00	432	730	1,658	29.11	2,880 57					
1999	272,926.00	42,877	72,417	200,509	29.18	6,871					
2001	15,897.00	1,679	2,836	13,061	29.32	445					
2002	150,367.00	11,699	19,759	130,608	29.38	4,445					
2004	169.00	. 3	5	164	29.49	4,443					
			-		25.15	0					
	5,350,518.00	2,412,107	4,073,938	1,276,580		46,899					
						, 000					
COMPOS	SITE REMAINING	LIFE AND ANN	JAL ACCRUAL R	LATE, PCT	27.2	0.88					

#### CONOCOPHILLIPS TRANSPORTATION ALASKA, INC.

#### ACCOUNT 158 PUMPING EQUIPMENT

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUT. BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	RIM SURVIVOR CU					
	ABLE RETIREMENT		034			
NET	SALVAGE PERCENT	0				
1077	20 400 012 00	11 224 592	16 024 077	3 566 935	21 20	167 457
1977	20,400,912.00	11,224,582	16,834,077	3,566,835	21.30	167,457
1978	2,760,492.00	1,482,384	2,223,207	537,285	21.78	24,669
1979	2,552,532.00	1,335,229	2,002,511	550,021	22.27	24,698
1980	2,918,133.00	1,486,205	2,228,937	689,196	22.74	30,308
1981	2,061,786.00	1,020,172	1,530,004	531,782	23.21	22,912
1983	277,262.00	128,982	193,441	83,821	24.11	3,477
1984	8,758.00	3,940	5,909	2,849	24.54	116
1986	8,556.00	3,577	5,365	3,191	25.36	126
1987	232,534.00	93,386	140,056	92,478	25.75	3,591
1989	26,203.00	9,627	14,438	11,765	26.47	444
1990	1,120,733.00	391,696	587,446	533,287	26.80	19,899
1991	137,000.00	45,388	68,071	68,929	27.11	2,543
1992	294,258.00	91,867	137,777	156,481	27.41	5,709
1993	22,080.00	6,465	9,696	12,384	27.68	447
1994	4,976.00	1,357	2,035	2,941	27.93	105
1997	430,137.00	89,425	134,115	296,022	28.58	10,358
1998	87,341.00	16,097	24,142	63,199	28.76	2,197
2001	2,480.00	265	397	2,083	29.20	71
2002	7,996.00	628	942	7,054	29.32	241
2004	647,954.00	10,821	16,229	631,725	29.51	21,407
	24 002 122 00	17 442 002	26 150 705	7 042 220		240 555
	34,002,123.00	17,442,093	26,158,795	7,843,328		340,775
COMPO	SITE REMAINING	LIFE AND ANN	TUAL ACCRUAL F	RATE, PCT	23.0	1.00

#### ACCOUNT 159 MACHINE TOOLS AND MACHINERY

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUT. BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
INTERIN	1 SURVIVOR CU	RVE IOWA 45	5-R1.5			
PROBABI	LE RETIREMENT	YEAR 12-20	34			
NET SAI	LVAGE PERCENT	0				
1977	6,799.00	3,409	6,452	347	21.12	16
1978	4,057.00	1,987	3,761	296	21.47	14
1979	2,313.00	1,105	2,091	222	21.81	10
1980	4,211.00	1,961	3,711	500	22.14	23
1981	7,097.00	3,215	6,085	1,012	22.47	45
1982	19,139.00	8,429	15,952	3,187	22.78	140
1983	70,846.00	30,280	57,307	13,539	23.08	587
1984	33,222.00	13,754	26,030	7,192	23.38	308
1985	3,212.00	1,287	2,436	776	23.66	33
1986	1,686.00	652	1,234	452	23.93	19
1987	9,488.00	3,532	6,685	2,803	24.19	116
1998	20,436.00	3,601	6,815	13,621	26.41	516
1999	27,320.00	4,172	7,896	19,424	26.57	731
2000	10,922.00	1,403	2,655	8,267	26.71	310
2001	32,047.00	3,298	6,242	25,805	26.85	961
2002	12,430.00	941	1,781	10,649	26.98	395
2003	1,436.00	67	127	1,309	27.11	48
2004	18,394.00	300	567	17,827	27.23	655
	285,055.00	83,393	157,827	127,228		4,927
COMPOSI	TE REMAINING	LIFE AND ANNU	JAL ACCRUAL	RATE, PCT	25.8	1.73

#### ACCOUNT 160 OTHER STATION EQUIPMENT

#### CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AT DECEMBER 31, 2004

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUT. BOOK	REM.	ANNUAL				
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL				
(1)	(2)	(3)	(4)	(5)	(6)	(7)				
INTE	INTERIM SURVIVOR CURVE IOWA 50-S2.5									
PROF	BABLE RETIREMENT	YEAR 12-2	2034							
NET	SALVAGE PERCENT	0								
1977	124,176,336.00	68,321,820	115,473,207	8,703,129	21.30	408,598				
1978	3,954,417.00	2,123,522	3,589,042	365,375	21.78	16,776				
1979	3,787,099.00	1,981,031	3,348,213	438,886	22.27	19,707				
1980	4,669,038.00	2,377,941	4,019,045	649,993	22.74	28,584				
1981	4,790,920.00	2,370,547	4,006,548	784,372	23.21	33,795				
1982	379,039.00	182,052	307,693	71,346	23.66	3,015				
1983	2,345,179.00	1,090,977	1,843,900	501,279	24.11	20,791				
1984	5,555,316.00	2,499,337	4,224,221	1,331,095	24.54	54,242				
1985	483,536.00	209,903	354,765	128,771	24.96	5,159				
1986	515,499.00	215,530	364,275	151,224	25.36	5,963				
1987	1,583,762.00	636,039	1,074,993	508,769	25.75	19,758				
1988	681,891.00	262,187	443,132	238,759	26.12	9,141				
1989	566,362.00	208,081	351,685	214,677	26.47	8,110				
1990	2,752,373.00	961,954	1,625,834	1,126,539	26.80	42,035				
1991	1,009,589.00	334,477	565,312	444,277	27.11	16,388				
1992	2,539,432.00	792,811	1,339,959	1,199,473	27.41	43,760				
1993	4,476,846.00	1,310,821	2,215,466	2,261,380	27.68	81,697				
1994	4,423,887.00	1,206,836	2,039,718	2,384,169	27.93	85,362				
1995	3,369,424.00	848,421	1,433,947	1,935,477	28.17	68,707				
1996	238,572.00	54,919	92,821	145,751	28.39	5,134				
1997	41,417,252.00	8,610,647	14,553,169	26,864,083	28.58	939,961				
1998	5,271,983.00	971,626	1,642,180	3,629,803	28.76	126,210				
1999	7,416,176.00	1,184,363	2,001,735	5,414,441	28.93	187,157				
2000	842,357.00	112,876	190,776	651,581	29.07	22,414				
2001	4,325,363.00	462,814	782,219	3,543,144	29.20	121,341				
2002	4,229,130.00	332,410	561,818	3,667,312	29.32	125,079				
2003	1,677,249.00	81,347	137,488	1,539,761	29.42	52,337				
2004	422,820.00	7,061	11,934	410,886	29.51	13,924				
	<b>,</b>	,	•		_	• - <del></del>				
	237,900,847.00	99,752,350	168,595,095	69,305,752		2,565,145				
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COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PCT.. 27.0 1.08

#### ACCOUNT 161 OIL TANKS

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AT DECEMBER 31, 2004

YEAR (1)	ORIGINAL COST (2)	CALCULATED ACCRUED (3)	ALLOC. BOOK RESERVE (4)	FUT. BOOK ACCRUALS (5)	REM. LIFE (6)	ANNUAL ACCRUAL (7)				
INTE	INTERIM SURVIVOR CURVE IOWA 60-S2									
PROB	ABLE RETIREMENT	YEAR 12-2	034							
NET	SALVAGE PERCENT	0								
1977	10,955,640.00	5,643,250	9,381,634	1,574,006	24.77	63,545				
1978	466,535.00	235,274	391,132	75,403	25.05	3,010				
1979	4,304.00	2,121	3,526	<b>7</b> 78	25.33	31				
1980	655.00	315	524	131	25.61	5				
1983	3,288,291.00	1,459,015	2,425,542	862,749	26.39	32,692				
1985	75,673.00	31,518	52,397	23,276	26.88	866				
1986	34,908.00	14,043	23,346	11,562	27.11	426				
1987	18,042.00	6,997	11,632	6,410	27.33	235				
1990	13,868.00	4,721	7,848	6,020	27.94	215				
1992	48,496.00	14,811	24,623	23,873	28.31	843				
1993	154,805.00	44,460	73,913	80,892	28.47	2,841				
1994	10,345.00	2,770	4,605	5,740	28.63	200				
1995	1,596.00	396	658	938	28.77	33				
1998	59,264.00	10,792	17,941	41,323	29.15	1,418				
1999	972,894.00	154,009	256,033	716,861	29.25	24,508				
2000	458,994.00	61,000	101,410	357,584	29.35	12,183				
2001	1,087,617.00	115,614	192,203	895,414	29.43	30,425				
2002	460,956.00	36,001	59,850	401,106	29.51	13,592				
2003	584,135.00	28,214	46,904	537,231	29.58	18,162				
	18,697,018.00	7,865,321	13,075,721	5,621,297		205,230				

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PCT.. 27.4 1.10

#### ACCOUNT 162 DELIVERY FACILITIES

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AT DECEMBER 31, 2004

PROBA		(3)	RESERVE (4)	ACCRUALS (5)	LIFE (6)	ACCRUAL (7)			
	INTERIM SURVIVOR CURVE IOWA 55-R3								
NET S	BLE RETIREMENT	YEAR. 12-2	034						
	SALVAGE PERCENT	7 0							
1977 4	38,764,149.00	224,515,615	357,814,749	80,949,400	24.52	3,301,362			
1978	1,801,377.00	900,689	1,435,445	365,932	24.86	14,720			
1979	4,201,687.00	2,051,264	3,269,138	932,549	25.18	37,035			
1980	7,465.00	3,554	5,664	1,801	25.49	71			
1981	19,440.00	9,012	14,363	5,077	25.79	197			
1982	5,422,997.00	2,445,229	3,897,007	1,525,990	26.07	58,534			
1983	1,116,554.00	489,162	779,587	336,967	26.33	12,798			
1984	115,462.00	49,048	78,169	37,293	26.58	1,403			
1986	3,677,450.00	1,461,051	2,328,504	1,348,946	27.03	49,906			
1987	5,611,089.00	2,148,486	3,424,082	2,187,007	27.24	80,287			
1988	1,051,753.00	387,045	616,841	434,912	27.44	15,850			
1989	3,727,204.00	1,313,839	2,093,890	1,633,314	27.63	59,114			
1990	3,977,322.00	1,339,164	2,134,251	1,843,071	27.80	66,298			
1991	11,702,521.00	3,744,807	5,968,169	5,734,352	27.97	205,018			
1992	6,074,884.00	1,839,475	2,931,606	3,143,278	28.12	111,781			
1993	2,523,130.00	718,335	1,144,824	1,378,306	28.27	48,755			
1994	4,209,255.00	1,120,083	1,785,097	2,424,158	28.40	85,358			
1995	870,856.00	214,579	341,979	528,877	28.53	18,538			
1996	1,629,950.00	368,206	586,817	1,043,133	28.65	36,410			
1997	362,306.00	73,947	117,851	244,455	28.77	8,497			
1998	129,836.00	23,591	37,597	92,239	28.87	3,195			
1999	1,373.00	217	346	1,027	28.97	35			
2000	65,513.00	8,700	13,865	51,648	29.06	1,777			
2001	11,436.00	1,217	1,940	9,496	29.14	326			
2003	2,152,708.00	103,545	165,021	1,987,687	29.30	67,839			
4	199,227,717.00	245,329,860	390,986,802	108,240,915		4,285,104			

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PCT.. 25.3 0.86

#### ACCOUNT 163 COMMUNICATION SYSTEMS

## CALCULATED REMAINING LIFE DEPRECIATION ACCRUAL RELATED TO ORIGINAL COST AT DECEMBER 31, 2004

	ORIGINAL	CALCULATED	ALLOC. BOOK	FUT. BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	RIM SURVIVOR CU					
	ABLE RETIREMENT		034			
NET :	SALVAGE PERCENT	0				
1977	39,098.00	22,575	39,098			
1978	6,446.00	3,640	6,446			
1979	2,517.00	1,388	2,517			
1980	14,035.00	7,549	14,035			
1981	166,292.00	87,137	166,292			
1982	178,934.00	91,203	178,934			
1983	46,737.00	23,125	46,737			
1984	13,780.00	6,610	13,780			
1985	15,166.00	7,032	15,166			
1986	45,438.00	20,338	45,438			
1987	53,249.00	22,924	53,249			
1988	150,015.00	61,971	150,015			
1989	512,866.00	202,582	512,866			
1990	854,879.00	321,776	828,411	26,468	22.60	1,171
1991	1,072,070.00	382,622	985,058	87,012	23.05	3,775
1992	578,243.00	194,752	501,388	76,855	23.49	3,272
1993	860,667.00	272,143	700,631	160,036	23.92	6,690
1994	1,142,910.00	336,244	865,658	277,252	24.35	11,386
1995	161,796.00	43,976	113,216	48,580	24.76	1,962
1996	998,840.00	247,912	638,248	360,592	25.17	14,326
1997	90,342.00	20,200	52,005	38,337	25.56	1,500
1998	6,791.00	1,346	3,465	3,326	25.93	128
1999	182,807.00	31,333	80,667	102,140	26.30	3,884
2000	36,088.00	5,186	13,351	22,737	26.64	853
2001	1,172,723.00	134,394	345,997	826,726	26.97	30,654
2003	1,757,422.00	90,683	233,463	1,523,959	27.58	55,256
	10,160,151.00	2,640,641	6,606,131	3,554,020		134,857

COMPOSITE REMAINING LIFE AND ANNUAL ACCRUAL RATE, PCT.. 26.4 1.33

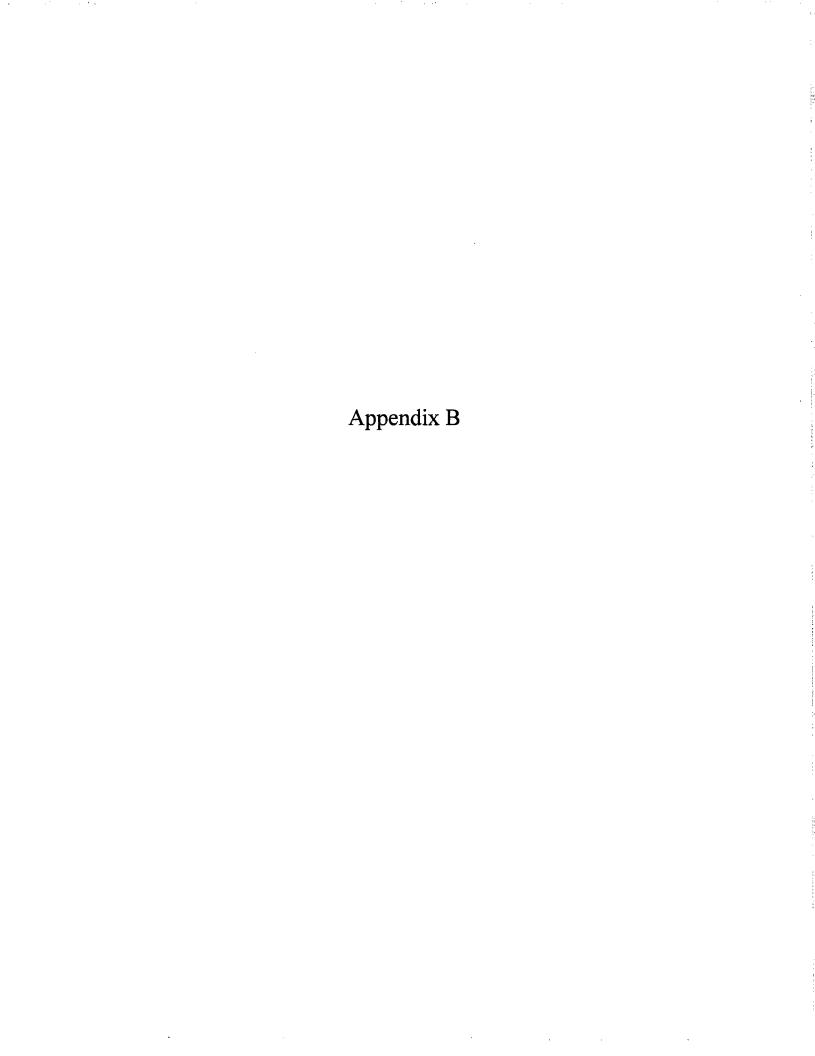
#### ACCOUNT 164 OFFICE FURNITURE AND EQUIPMENT

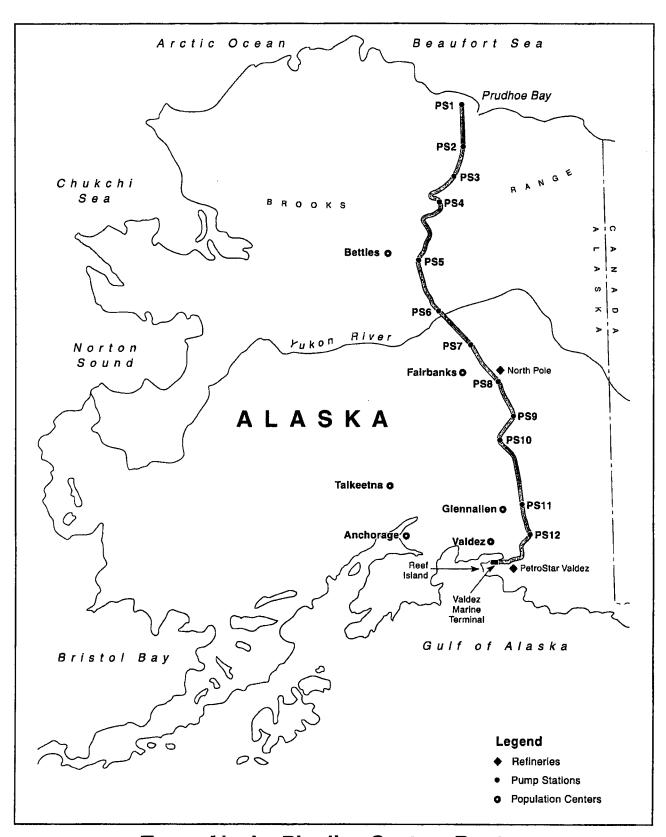
	ORIGINAL	CALCULATED	ALLOC. BOOK	FUT. BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
SURV	IVOR CURVE 10	WA 20-R2				
NET	SALVAGE PERCENT	0				
1986	1,561.00	1,071	1,561			
1987	13,261.00	8,746	13,261			
1988	56,174.00	35,446	56, <b>1</b> 7 <b>4</b>			
1989	164,319.00	98,838	164,319			
1990	518,477.00	295,791	518,477			
1991	792,769.00	426,510	792,769			
1992	1,309,532.00	660,659	1,305,845	3,687	9.91	372
1993	987,242.00	464,004	917,141	70,101	10.60	6,613
1994	1,282,250.00	556,497	1,099,961	182,289	11.32	16,103
1995	5,347,586.00	2,122,992	4,196,264	1,151,322	12.06	95,466
1996	1,334,755.00	479,177	947,132	387,623	12.82	30,236
1997	994,207.00	318,146	628,841	365,366	13.60	26,865
1998	175,801.00	49,224	97,295	78,506	14.40	5,452
1999	5,506,345.00	1,316,016	2,601,211	2,905,134	15.22	190,876
2000	473,531.00	93,286	184,387	289,144	16.06	18,004
2001	2,611,149.00	403,423	797,398	1,813,751	16.91	107,259
2002	1,352,832.00	150,841	298,149	1,054,683	17.77	59,352
2003	2,108,975.00	142,356	281,378	1,827,597	18.65	97,994
2004	4,778,084.00	107,507	212,497	4,565,587	19.55	233,534
	29,808,850.00	7,730,530	15,114,060	14,694,790		888,126

CONOCOPHILLIPS TRANSPORTATION ALASKA, INC.

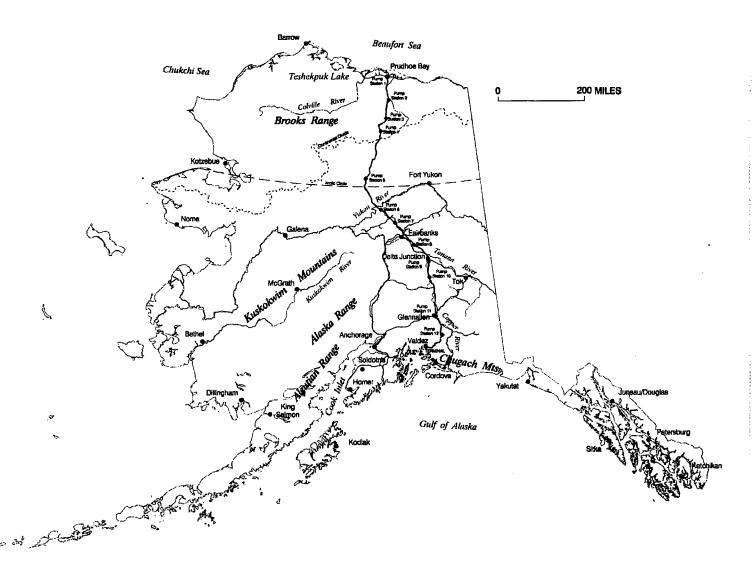
#### ACCOUNT 165 VEHICLES AND OTHER WORK EQUIPMENT

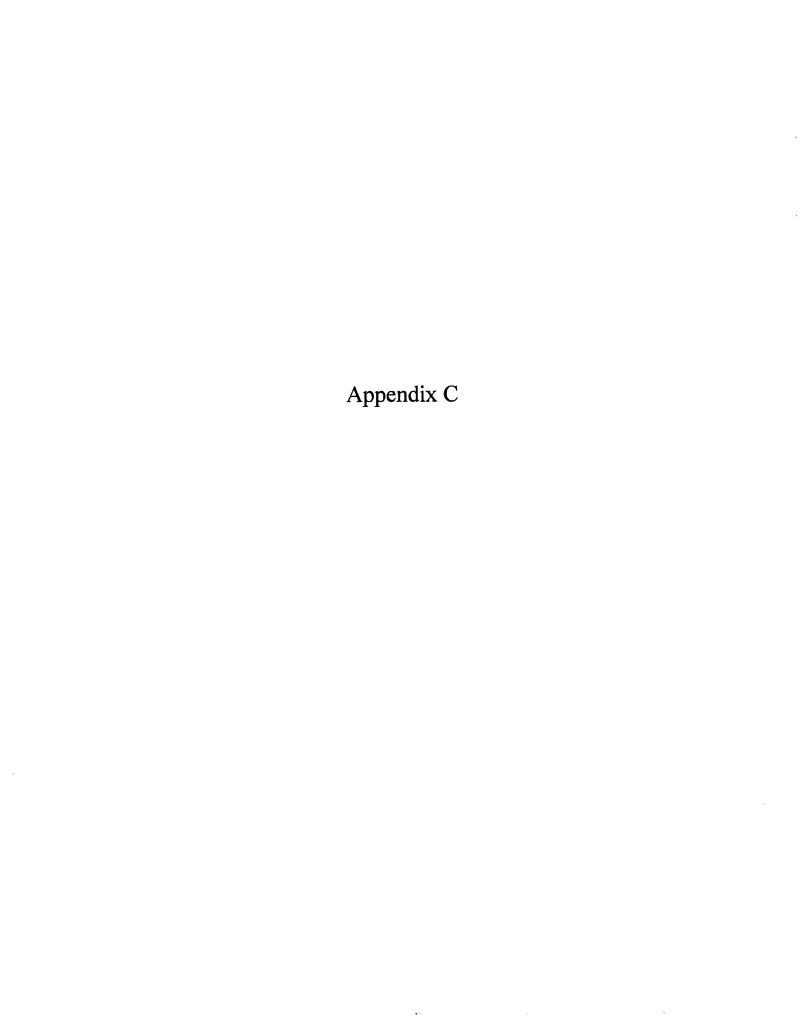
	ORIGINAL	CALCULATED	ALLOC. BOOM	K FUT. BOOK	REM.	ANNUAL
YEAR	COST	ACCRUED	RESERVE	ACCRUALS	LIFE	ACCRUAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	VIVOR CURVE IC					
NE.I.	SALVAGE PERCENT	r 0				
1982	389.00	346	389			
1983	28,055.00	24,531	28,055			
1984	78,798.00	67,664	78,798			
1985	41,132.00	34,629	41,132			
1986	56,548.00	46,511	56,548			
1987	129,764.00	103,811	129,764			
1988	374,573.00	290,294	374,573			
1989	2,263,079.00	1,688,710	2,263,079			
1990	7,685,149.00	5,490,270	7,685,149			
1991	11,533,413.00	7,827,727	11,533,413			
1992	5,858,558.00	3,752,992	5,696,662	161,896	5.75	28,156
1993	5,090,310.00	3,054,186	4,635,945	454,365	6.40	70,995
1994	2,799,035.00	1,558,783	2,366,075	432,960	7.09	61,066
1995	2,509,905.00	1,283,063	1,947,560	562,345	7.82	71,911
1996	4,152,194.00	1,925,372	2,922,520	1,229,674	8.58	143,319
1997	679,677.00	281,658	427,528	252,149	9.37	26,910
1998	648,018.00	235,684	357,745	290,273	10.18	28,514
1999	2,956,300.00	920,001	1,396,469	1,559,831	11.02	141,545
2000	4,564,152.00	1,172,531	1,779,783	2,784,369	11.89	234,177
2001	2,308,239.00	466,033	707,391	1,600,848	12.77	125,360
2002	1,553,623.00	226,208	343,361	1,210,262	13.67	88,534
2003	2,113,755.00	186,222	282,666	1,831,089	14.59	125,503
2004	1,501,930.00	44,157	67,026	1,434,904	15.53	92,396
						·
	58,926,596.00	30,681,383	45,121,631	13,804,965		1,238,386
						•
COMPO	SITE REMAINING	LIFE AND ANN	JAL ACCRUAL I	RATE, PCT	11.1	2.10



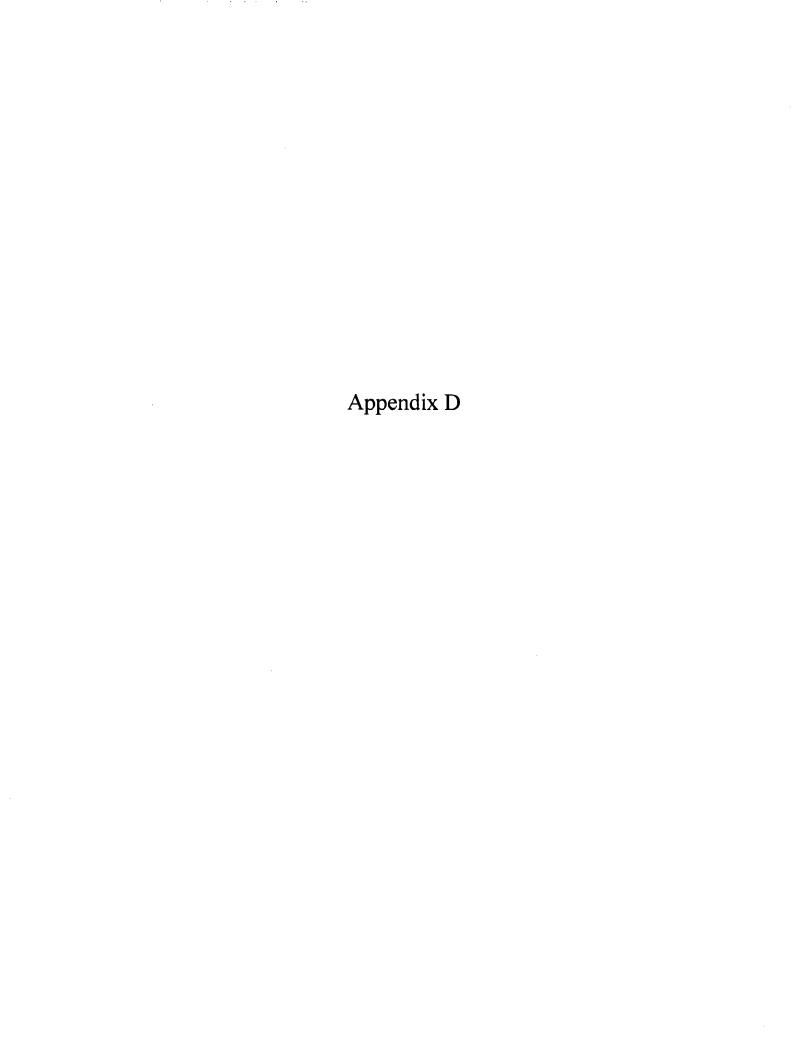


**Trans-Alaska Pipeline System Route** 





Vame of Re	spondent				Date of Report	Year of R	eport
	•		(1) [X] An Original		(Mo, Da, Yr)		
ConocoPhill	ips Transportation Alaska, Incorporated		(2) [ ] A Resubmis	sion	0	Dec. 31,	
	Accrued Depreciation - Carrier prop (	Exclusive of D	epreciation on Ur	ndiv. Joint Int. F	Prop. Reported	in schedule 217	<u>'</u> )
Give	particulars (details) of the credits and	debits to Acco	ount No. 31, Accr	ued Depreciation	on - Carrier Pro	perty, during the	e year.
	Account	Balance at	Debits to	Net Debit	Other Debits	Balance at	Annual
İ	(a)	Beginning	Account	From Retirement	and Credits-	End of Year	Composite/
Line		of Year	No. 540	of Carrier	Net	(b + c + d + e)	Component
No.		(in dollars)	of U.S. of A.	Property	(in dollars)	(in dollars)	Rates
			(in dollars)	(in dollars)	(e)	(f)	(in percent)
	·	(b)	(c)	(d <b>)</b>			(g)
	GATHERING LINES						
1	Right of Way (102)					0	
2	Line Pipe (103)					0	
3	Line Pipe Fittings (104)					0	
4	Pipeline Construction (105)					0	
5	Buildings (106)					0	
6	Boilers (107)					0	
7	Pumping Equipment (108)					0	
8	Machine Tools and Machinery (109)					0	
9	Other Station Equipment (110)					0	
10	Oli Tanks (111)					0	ļ
11	Delivery Facilities (112)					0	
12	Communication Systems (113)				<u> </u>	. 0	ļ
13	Office Furniture and Equipment (114)					0	ļ
14	Vehicles and Other Work Equipment (115)		<u> </u>			0	
15	Other Property (116)					0	
16	Asset Retirement Costs for Gathering Lines (117)	<del></del>				0	
17	TOTAL (Lines 1 thru 15)	0	0	0	0	. 0	-
<b></b>	TRUNK LINES		202.255			4 000 040	40.0494
18	Right of Way (152)	1,087,982	820,066	0	<del></del>	1,908,048	12.01%
19	Line Pipe (153)	43,694,948	2,138,938	0 (101.910)		45,833,886	3.65%
20	Line Pipe Fittings (154)	15,088,199	915,349	(101,819)		15,901,729	4.24%
21	Pipeline Construction (155)	1,422,098,643	53,271,314	(333,283)	·	1,475,036,674 122,178,746	2.97%
22	Buildings (156)	123,653,645	6,127,457	(7,602,356		4,197,347	
23	Bollers (157)	4,073,938	1,112,055	(58,793) (3,149,157)		24,121,693	3.41%
24	Pumping Equipment (158)	26,158,795 157,827	1,112,055	(3,149,157)		175,482	
25	Machine Tools and Machinery (159)	168,595,095	9,884,806	(4,444,122	<u></u>	174,035,779	
28	Other Station Equipment (160)	13,075,721		(830,196		13,045,596	
27	Oil Tanks (161)	390,986,802		(11,500,559		395,232,184	
28	Delivery Facilities (162)	6,606,131	508,340	(73,102	<u> </u>	7,041,369	<del></del>
29	Communication Systems (163) Office Furniture and Equipment (164)	15,114,080		(135,284)		17,089,857	
30	Vehicles and Other Work Equipment (165)	45,121,631	2,780,268	(637,683)		47,264,215	
32	Other Property (166)	70,121,001	21100,200	(001,000)	<del>' </del>	0	
	Asset Retirement Costs for Gathering Lines			l	<del> </del>	<del> </del>	<del>                                     </del>
33	(167)	12,871,186		(28,866,872	<u> </u>	15,744,813 2,358,807,418	14.00%
34	TOTAL (Lines 17 thru 31)	2,200,304,003	55,000,735	(20,000,072	202,955	2,000,001,410	<del> </del>
	GENERAL (178)			-	<del> </del>	0	<del> </del>
35	Bulldings (176)	<del> </del>	<del> </del>	<del> </del>	<del> </del>	0	
36	Machine Tools and Machinery (179)		<del> </del>	<b></b>	<del> </del>	0	<del></del>
37	Communication Systems (183)				<del>                                     </del>	0	<del></del>
38	Office Furniture and Equipment (184)		<del> </del>		<del> </del>	0	
39	Vehicles and Other Work Equipment (185)			<del> </del>	<del> </del>	0	
40	Other Property (186)				<del> </del>	<u> </u>	
41	Asset Retirement Costs for Gathering Lines (186.1)					0	<u> </u>
42	TOTAL (Lines 33 thru 38)	0		0	<del></del>	0 259 607 448	<del></del>
43	GRAND TOTAL (Lines 16, 32, 39)	2,288,384,603	99,006,735	(28,866,872	282,953	2,358,807,418	<del> </del>
	<b>.</b>	ŧ .	T .			1	



Name of Respondent	This Report is: (1) An Original	Date of Report (Mo, Da, Yr)	Year of Report
ConocoPhillips Transportation Alaska, inc.	(2) X A Resubmission	08/20/2004	2003/Q4
Note	es to Financial Statements (continued)		

***************************************	SUPPLEMEN	TAL DATA		******************		
Phillip	a Transportation A	Vaske, Incorporat	ad	······	•••••••••••••••••••••••••••••••••••••••	••••••
	Trans Alaska Plo	eline System			•	
	2003				······································	• • • • • • • • • • • • • • • • • • • •
	Statistics of C	perations	• • • • • • • • • • • • • • • • • • • •			*******
			••••••••••••			•
(elened ril		1				
		1	***************************************	*************	•••••••••••••••••••••••••••••••••••••••	
	Stan			Non-Slandard	•••••••••••••••••••••••••••••••••••••••	
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	North Star	Sederochit	Kuparuk :	Lieburne :	Endicalt	Total
Amounts in Lines and Tanks at Beginning of Year	1]					
Base Inventory	1,465	1,110,002	1,386,330	167,804	43	2,665,644
Working Inventory	0	<u> </u>	0 ;	0:	0	
Total Inventory at Beginning of Yeer	1,465	1,110,002	1,385,330	167,804	43	2,665,644
Add Manalata into Contra				1		
Add: Receipts into System			<u>.</u>			
Pump Station No. 1 Fairbanks Junction	304,252	51,775,788	73,066,902	817,971	203	125,965,018
	9	28,904,248	25,572,208	0 ]	Q.	54,476,456
Valdez Refinery Total Receipts	- 0	4.422,671	5,934,603	0	0:	10,357,474
Idial Receipts	304,262	E5.102,907	104,573,713	617,871	203	190,798,946
Inventoy Transferred from Amerada-Hese PL Purchas	<u></u>					
Interest Managered India Villateds-1998 LT Lateurs	·		······································			164,404
Subtotal - Available	305,717					
Descript - LAbitoria	. <u> 303,717</u>	86,212,909	105,960,043	985,675	246	193,628,994
Deduct: Deliveries from System	٠	ļ				*************
Valdez - interstate	303,465	50,716,521	74 407 656			
Valdez - Intraetate	0	54,808	71,487,838 82,692	783,859	248	123,291,929
Total Valdez	303,465	50,771,329	71,570,530	783.859	0 :	137,500
Fairbanke Junction	D:	28,904,248	26,189,690	201,500	246	123,429,429
Valdaz Refinery	Ď.	5.067.250	6,508,396	يالنام النه	D .	55,295,338
Total Deliveries	303,465	84.742.B27	104,268,516	985,359	246	11,575,648
				. حديدسه	240	190,300,413
Inventoy Transferred from Amerada-Hess PL Furchas	0	ļ	***************************************	•••••••••••••••••••••••••••••••••••••••	•••••••••••••••••••••••••••••••••••••••	164,404
***************************************	1	!'''''		·····	•••••••••••••••••••••••••••••••••••••••	104,404
Topping Plant and Other Deductions	314	57,152	78,529	316	0	136,311
Total Deductions	303,779	84,799,979	104.347.045	985,675	246	190,601,128
· · · · · · · · · · · · · · · · · · ·						120,001,126
Total inventory at End of Year	1,938	1,412,930	1,612,998		Ö	3,027,866
						WINEY UND
Amounts in Lines and Tanks at End of Year	<u> </u>	ļ	İ			
Base Inventory	0	0 .	a ·		Ö	n
Working inventory	0	1,412,930	1,612,998	<u></u>	······································	3,027,666

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Name of Respondent	This Report is: (1) An Original	Date of Report (Mo, Da, Yr)	Year of Report								
ConocoPhillips Transportation Alaska, Inc.	(2) X A Resubmission	(IVIO, Da, 11)	2004/Q4								
Notes to Financial Statements (continued)											

SUPPLEMENTAL DATA
Philips Transportation Alaska, Incorporated
Trans Alaska Pipeline System
2004
Statistics of Operations

#### (in barrels)

	Stend	tard		Non-Standard		
	North Star	Sadlerochit	Kuparuk	Lisburne	Endicott	Total
Amounts in Lines and Tanks at Beginning of Year						
Base Inventory	0	0	0	0	0	0
Working Inventory	1,938	1,412,930	1,612,998	0_		3,027,866
Total Inventory at Beginning of Year	1,938	1,412,930	1,612,998	0	0	3,027,868
Add: Receipts into System						
Pump Station No. 1	358,563	41,384,624	67,625,020	895.536	90,453	110,352,195
Fairbanks Junction	0	30,019,801	26,021,693	368.091	0	56,409,585
Valdez Refinery	0_		11,111,012	0	ō	11,111,012
Total Receipts	356,563	71,404,425	104,757,725	1,283,628	90,453	177,872,792
Subtotal - Available	358,501	72,817,355	106,370,723	1,263,626	90,453	180,900,658
Deduct: Deliveries from System						
Valdez - Interstate	356,938	40,506,922	67,169,102	752,562	90,347	108,875,871
Valdez - Intrastate	0	54,270	95,730	0	0	150,000
Totel Valdez	356,938	40,561,192	67,264,832	752,562	90,347	109,025,871
Fairbanks Junction	0	30,408,212	26,022,693	510,408	0	56,941,313
Valdez Refinery	0_	901,701	11,111,012		0	12,012,713
Total Deliveries	356,938	71,871,105	104,398,537	1,262,970	90,347	177,979,897
Topping Plant and Other Deductions	425	41,841	68,324	349	125	111,064
Total Deductions	357,363	71,912,946	104,466,861	1,263,319	90,472	178,090,961
Total Inventory at End of Year	1,138	904,409	1,903,862	307	(19)	2,809,697
Amounts in Lines and Tanks at End of Year						
Base Inventory	0	0	0	0	0	0
Working Inventory	1,138	904,409	1,903,862	307	(19)	2,809,697

Page 9

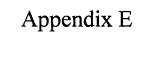
Name of Respondent	This Report is:	Date of Report	Year of Report								
	(1) _ An Original	(Mo, Da, Yr)									
ConocoPhillips Transportation Alaska, Inc.	(2) X A Resubmission	11	2005/Q4								
Notes to Financial Statements (continued)											

SUPPLEMENTAL DATA
ConocoPhillips Transportation Alaska, Incorporated
Trans Alaska Pipeline System
2005
Statistics of Operations

#### (In barrels)

	Stand	lard		Non-Standard		
	North Star	Sadlerochit	Kuparuk	Lisburne	Endicott	Total
Amounts in Lines and Tanks at Beginning of Year	_	_				
Base Inventory Working Inventory	0	0	0	0	Ō	0
Total Inventory at Beginning of Year	1,195 1,195	904,537	1,903,965	<del>-</del>	<u>0</u>	2,809,697
rotal inventory at pognitting of real	1,130	904,537	1,903,965	<u> </u>		2,809,697
Add: Receipts into System						
Pump Station No. 1	6,169,756	39,315,885	62,552,538	2,221,175	1,265,571	111.524.923
Fairbanks Junction	0	8,433,421	23,163,568	0	0	31,696,989
Valdez Refinery	0	0	12,058,814	Ö	ŏ	12,058,814
Total Receipts	6,169,756	47,749,308	97,774,918	2,221,175	1,265,571	155,180,726
Subtotal - Available	6,170,951	48,653,843	99,678,883	2,221,175	1,265,571	157,990,423
Deduct: Deliveries from System						
Valdez - Interstate	6,149,164	34,290,103	58,554,296	1,954,995	1,793,754	102,742,312
Valdez - Intrastate	0	15,784	2,339,136	80	0	2,355,000
Total Valdez	6,149,164	34,305,887	60,893,432	1,955,075	1,793,754	105,097,312
Fairbanks Junction	0	13,681,963	23,214,181	166,097	0	37,062,241
Valdez Refinery	0	0	12,759,627	0	ō	12,759,627
Total Deliveries	6,149,164	47,987,850	96,867,240	2,121,172	1,793,754	154,919,180
Tarada a Blant and Other Bart. Its						
Topping Plant and Other Deductions Total Deductions	9,730	41,613	64,603	2,813	893	119,652
t ctal Deouctions	6,158,894	48,029,463	96,931,843	2,123,985	1,794,647	155,038,832
Total inventory at End of Year	12,057	624,380	2,747,040	97,190	(529,076)	2,951,591
Amounts In Lines and Tanks at End of Year						<del></del>
Base Inventory	0	0	0	0	0	n
Working Inventory	12,057	624,380	2,747,040	97,190	(529,076)	2,951,591
					-	

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# : Alacka

## Oil & Gas Report

Alaska Department of Natural Resources Division of Oil & Gas 550 W 7<sup>th</sup> Ave Suite 800 Anchorage Alaska 99501

Mional States of the States

Unit or Area	Oil Reserves (MMBO) <sup>1</sup>	Gas Reserves (Bcf)¹	Royalty Percent	Royalty Oil Reserves (MMBO)	Royalty Gas Reserves (Bcf)	
Badami Unit <sup>2</sup>	2	0	14.6%	0		
Вагтом		-				
East Barrow	•	5	0.0%	•		
South Barrow	-	4	0.0%	-		
Walakpa	•	25	0.0%	-		
TOTAL Barrow	-	34		•	•	
Colville River Unit						
Alpine	280	-	9.85%	28		
CRU Satellite	230	-	14.2% <sup>3</sup>	33	-	
TOTAL CRU	510	400		60	60	
Duck Island Unit	117	843	12.5-14.4%	15	121	
Kuparuk River Unit						
Kuparuk	864	1,000	12.5%	108	125	
West Sak <sup>4</sup>	461	100	12.5%	5 <b>8</b>	13	
Tabasco	14	-	12.5%	2	-	
Tam	47	50	12.5%	6	6	
Meltwater	14	_	12.5%	2		
Other Kuparuk Satellite	-		12.5%	-	-	
TOTAL KRU	1,401	1,150		175	144	
Milne Point Unit <sup>4</sup>	391	14	14.6%	57	2	
North Star	115	450	16.0%	18	72	
Prudhoe Bay Unit						
Prudhoe IPAs <sup>5</sup>	2,497	23,000	12.5%	312	2,875	
PBU Satellites <sup>4,8</sup>	426	-	12.5%	53	-	
Greater Point McIntyre Area						
Lisburne	43	1,000	12.5%	5	125	
Niakuk	21	26	12.5%	3	3	
North Prudhoe Bay State	-	-	12.5%		-	

#### Notes:

NPRA

500

1,526

24,526

8,000

35,417

35,417

13.8%

12.5%

12.5-16.0%

6%<sup>8</sup>

205

269

3,192

243

488

6,460

255

6,715

Pt. McIntyre

West Beach

**TOTAL GPMA** 

**TOTAL PBU** 

**Point Thomson** 

Other Undeveloped7

**TOTAL North Slope (State Lands)** 

**TOTAL North Slope Alaska** 

North Slope

28

36

402

30

29

757

69

197

3,072

1,000

3,471

3,471

<sup>&</sup>lt;sup>1</sup> Remaining recoverable oil reserves based on the sum of Alaska Department Revenue forecasted production from 2006 through 2035. Gas reserves estmates from DNR. MMBO = Million Barrels of Oil; Bcf = Billion Cubic Feet.

<sup>&</sup>lt;sup>2</sup> The Badami field was put in warm shut-in in August, 2003; production resumed in 2005.

<sup>&</sup>lt;sup>3</sup> Average of royalty rates on State of Alaska lands.

<sup>&</sup>lt;sup>4</sup> Based on a aggressive heavy oil component.

<sup>&</sup>lt;sup>5</sup> Oil Rim and Gas Cap.

<sup>&</sup>lt;sup>6</sup>Includes Midnight Sun, Aurora, Borealis, Orion and Polans.

<sup>&</sup>lt;sup>7</sup>Includes Liberty and other known on- and off-shore accumulations.

<sup>&</sup>lt;sup>8</sup>Estimated combined rate for State and Federal on- and off-shore accumulations.

North Slope (Millions of Barrels per Year)

Badama	- [						Prudho	e Bay Unit		Kuj	paruk River t	Jn#					
975	Ī	Badami		Northstar	Island		Bay	McIntyre	IPA+Sat+G				Poprieti	Thomson	OL Rogi	NPRA <sup>6</sup>	North Slop
977 1132 1132		-	-	•		0,7		•	0.7		•		•	-	- EVALABATA	-	0.
778 -		•	-	-	-	1.0	-	-	1.0	-	-					-	1.0
1789		-	-	-	-		•	-		-	-	-	•	-			113.3
10		-	•	•	-		-	•	397.7	•	-	-	-	-			397.
81		-	•	•	•		-	-		•	-	•	-	-	•	-	468.
82         -         -         -         558.4         -         0.2         559.8         32.4         -         32.4         -		-	-	•	-		•				-		-	•	•	•	555.0
33         -         -         -         581.1         -         0.1         581.2         39.8         0.0         39.8         -         -         -         -         -         -         -         -         -         582.3         -         0.3         582.8         46.1         0.1         46.2         -         -         -         -         -         -         588.8         -         1.1         589.7         -         18.7         869.3         -         1.0         58.8         585.7         -         18.7         189.3         103.3         103.7         -         103.7         0.0         -         -         -         -         3.8         85.2         -         16.7         161.1         594.8         111.1         -         111.1         -		•	•	•	-		•						-	•	•	•	556.
34         -         -         582.3         -         0.3         582.8         46.1         0.1         46.2         -         -         -         588.6         -         1.1         560.7         70.7         0.3         80.0         0.7         -         -         -         588.6         -         1.1         560.7         - <t< td=""><td></td><td>-</td><td>•</td><td>-</td><td>•</td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td>-</td><td>-</td><td>•</td><td>-</td><td>592.0</td></t<>		-	•	-	•		-						-	-	•	-	592.0
85         -         -         -         588.6         -         1.1         569.7         76.7         0.3         80.0         0.7         -		•	•	•	•		-							•	-	-	601.
88 0 0 0 561.8 - 3.6 555.4 95.0 0.3 95.3 4.7 0.8 555.4 95.0 0.3 95.3 4.7 0.8 556.7 - 16.7 903.3 103.7 - 103.7 0.0 0.8 556.8 1.0 18.1 95.4 111.1 - 111.1 0.9 9.0 38.6 48.2 16.1 95.4 111.1 - 111.1 0.9 9.0 38.6 48.2 16.9 16.1 95.4 111.1 - 111.1 0.9 9.0 38.6 48.2 16.9 16.1 95.4 111.1 - 111.1 0.9 9.0 38.6 48.2 16.9 16.2 110.2 - 107.2 8.8 0.9 9.1 45.1 486.2 - 16.9 16.2 110.2 - 107.2 8.8 0.9 9.1 45.1 486.5 14.0 470.5 118.5 - 118.5 8.9 0.9 9.1 40.8 499.7 - 18.5 42.2 118.2 - 115.2 6.8 0.9 9.5 9.1 - 115.2 6.8 0.9 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9.5 9		•	•	•	•		-							•	•	-	608.
88         -         -         8.8         586.7         -         18.7         603.3         103.7         -         103.7         0.0         -         -         -         -         -         -         -         -         -         -         -         -         -         -         36.9         578.7         -         16.1         594.8         111.1         -         111.1         -         -         -         -         -         38.9         485.2         -         16.9         592.1         107.2         -         107.2         9.8         -         -         -         -         -         -         -         42.5         486.7         -         14.7         501.4         113.8         -         113.6         7.5         -		•	-	-			•							•	•	-	850.4
88         -         -         37.9         578.7         -         18.1         594.8         111.1         -         111.1         -         -         -         -         -         30.9         522.9         -         14.8         537.7         109.8         -         109.8         3.7         -         -         -         -         -         -         38.8         486.2         -         16.9         502.1         107.2         -         107.2         8.8         -		•	•	•			•							•	-	-	665,3
88		-		-			•							-	-	•	715.6
15			-	•			-							-	•	-	743.8
22 42.5							-				-			•	•	-	688.1
22 43.1 456.5 - 14.0 470.5 118.5 - 118.5 6.8							-				-			-	-	•	654.5
18.							_							•	•	•	664.0
144 35.8 374.3 - 50.7 425.0 111.8 - 111.8 6.7 1 156 34.4 340.4 - 65.2 405.6 107.0 - 107.0 8.7 1 157 27.7 312.8 - 75.8 388.2 99.5 14.1 1 158 0.7 18.6 252.8 0.661 61.9 314.8 91.7 4.8 96.3 20.4 1 158 0.7 18.6 252.8 0.661 61.9 314.8 91.7 4.8 96.3 20.4		_												•	•	•	639.6
15         -         -         34.4         340.4         -         65.2         405.8         107.0         -         107.0         8.7         -         -         -         -         -         27.7         312.8         -         75.8         388.2         99.5         -         99.5         14.1         -         -         -         -         -         -         27.7         312.8         -         75.8         388.2         99.5         -         99.5         14.1         -			_				-							•	•	-	590.9 579.3
66         -         -         27.7         312.6         -         75.6         388.2         99.5         -         89.5         14.1         -         -         -         -         73.7         357.7         98.0         0.0         98.0         19.0         -         -         -         -         -         73.7         357.7         98.0         0.0         98.0         19.0         -		_												-	-	•	
7 22.9				-										•	•	-	555.7 529.4
8 0.7 18.6 252.8 0.061 61.9 314.8 91.7 4.8 98.3 20.4			_	-										-	•	•	495.6
9 1.2		0.7					0.061										450.8
0 0.9 2.2 - 13.5 217.2 2.117 38.1 255.4 74.1 12.2 88.3 19.1	9	1.2	-													-	404.8
1 0.7 32.0 1.3 11.8 194.2 4.808 29.8 228.8 68.3 11.5 79.8 19.3	0	0.9	2.2														377.4
2         0.8         35.0         17.9         10.3         177.8         14.856         24.8         217.1         58.9         18.5         77.4         18.7         -	1	0.7	32.0	1,3	11.8	194.2	4,808	29.6								_	373.4
3 0.3 35.8 23.0 10.6 186.3 18.582 22.3 207.2 58.5 18.9 77.4 18.7	2	0.8	35.0	17.9	10.3	177.6	14.855	24.8	217.1					-			377.0
. 36.1 25.1 8.5 153.2 16.973 21.6 191.6 53.2 18.8 71.8 18.7	3	0.3	35.6	23.0	10.8	186.3	18.582	22.3						-			372.7
8	4		36.1	25.1	8.5	153.2	16.973	21.6	191.8	53.2	18.6				_		352.0
17	5_	0.0	43.8	22.4	7.5	140.0	17.1	18.7	175.7	50,4	15.9	66.3	16.0	-		-	331.8
68         0.4         49.2         11.8         5.3         128.4         23.1         14.8         184.1         42.3         24.5         66.8         15.9         -         7.9         .           99         0.4         48.4         9.3         5.2         122.4         25.1         13.7         161.2         40.3         25.9         66.3         16.1         -         15.2         -           1         0.2         44.7         7.4         5.2         112.2         25.0         12.2         149.3         37.0         28.9         66.3         16.1         -         15.2         -         25.5         4.3           1         -         38.4         6.0         5.2         112.2         25.0         12.2         149.3         37.0         28.9         65.9         15.5         -         33.3         11.1           2         -         30.9         5.0         5.3         108.1         23.5         11.5         143.1         35.5         30.1         65.6         15.0         -         33.7         17.2           3         -         25.0         4.2         5.4         104.5         21.8         11.0         13	6	0.4	40.1	18.1	6.5	135.5	18.1	17.1	170.8	47.4	18.5	85.9	16.1	-	-	<del>.</del>	317.8
9 0.4 48.4 9.3 5.2 122.4 25.1 13.7 161.2 40.3 25.9 68.3 16.1 - 15.2 -  0 0.2 44.7 7.4 5.2 118.8 25.7 12.9 155.1 38.8 27.5 66.1 18.0 - 25.5 4.3  1 - 38.4 6.0 5.2 112.2 25.0 12.2 148.3 37.0 28.9 65.9 15.5 - 33.3 11.1  2 - 30.9 5.0 5.3 108.1 23.5 11.5 143.1 35.5 30.1 65.6 15.0 - 33.7 17.2  3 - 25.0 42 5.4 104.5 21.8 11.0 137.2 34.1 30.8 65.0 14.6 - 28.5 23.1  4 - 21.1 3.7 5.5 101.1 20.3 10.5 131.9 32.9 31.2 64.1 14.6 - 28.1 24.4  5 - 18.6 3.3 5.7 98.3 18.9 10.0 125.2 31.8 31.2 63.0 14.4 14.9 28.8 21.9  6 - 18.7 3.0 5.9 93.5 17.8 9.8 120.8 30.7 29.3 60.0 14.4 24.2 29.8 19.4  7 - 14.7 2.7 5.9 92.3 16.5 9.2 118.0 29.7 28.5 56.2 14.8 22.0 30.1 17.1  8 - 12.9 2.5 5.7 90.5 15.5 8.8 114.8 28.8 24.0 52.7 15.5 20.1 28.0 15.1  9 - 11.5 2.3 5.4 87.7 14.5 8.5 110.8 27.9 21.8 49.6 16.2 18.3 25.0 13.4  10.4 2.2 4.9 77.5 13.5 8.2 99.2 27.1 19.5 46.7 16.9 16.8 22.1 11.8  1 - 9.4 2.0 4.5 74.8 12.8 7.9 95.3 28.4 17.7 44.0 16.5 15.1 19.7 10.5  2 - 8.4 1.9 4.0 72.2 11.8 7.6 91.6 25.7 16.0 41.8 15.8 13.8 17.6 9.3   3 - 7.5 18.8 3.8 69.7 11.1 7.3 88.1 25.0 14.4 39.4 14.6 12.5 15.7 8.2								15.6	187.0	44.5	22.2	68.7	16.0		2.1		318.5
0 0.2 44.7 7.4 5.2 118.8 25.7 12.9 155.1 38.8 27.5 68.1 16.0 - 25.5 4.3 11.1 - 38.4 6.0 5.2 112.2 25.0 12.2 149.3 37.0 28.9 65.9 15.5 - 33.3 11.1 2 - 30.9 5.0 5.3 108.1 23.5 11.5 143.1 35.5 30.1 85.6 15.0 - 33.7 17.2 3 - 25.0 42 5.4 104.5 21.8 11.0 137.2 34.1 30.8 85.0 14.8 - 28.5 23.1 4 - 21.1 3.7 5.5 101.1 20.3 10.5 131.9 32.9 31.2 84.1 14.6 - 28.1 24.4 5 - 18.6 3.3 5.7 98.3 18.9 10.0 125.2 31.8 31.2 83.0 14.4 14.9 28.8 21.9 18.7 18.7 18.7 18.7 18.7 18.7 18.7 18.7							23.1	14.0	184.1	42.3	24.5	66.8	15.9		7.9		321.1
1 - 38.4 8.0 5.2 112.2 25.0 12.2 149.3 37.0 28.9 65.9 15.5 - 33.3 11.1 1.1 2.3 39.9 50 5.0 5.3 108.1 23.5 11.5 143.1 35.5 30.1 85.6 15.0 - 33.7 17.2 17.2 17.2 17.2 17.2 17.2 17.2 17												66.3	16.1	-	15.2	-	322.0
2 - 30.9 5.0 5.3 108.1 23.5 11.5 143.1 35.5 30.1 65.6 15.0 - 33.7 17.2 33.1 - 25.0 4.2 5.4 104.5 21.8 11.0 137.2 34.1 30.8 65.0 14.6 - 29.5 23.1 4.4 - 21.1 3.7 5.5 101.1 20.3 10.5 131.9 32.9 31.2 64.1 14.6 - 28.1 24.4 18.6 3.3 5.7 98.3 18.9 10.0 125.2 31.8 31.2 63.0 14.4 14.9 28.8 21.9 6 - 16.7 3.0 5.9 93.5 17.6 9.8 120.8 30.7 29.3 60.0 14.4 24.2 29.8 19.4 7 - 14.7 2.7 5.9 92.3 16.5 9.2 118.0 29.7 26.5 56.2 14.8 22.0 30.1 17.1 8 - 12.9 2.5 5.7 90.5 15.5 8.8 114.8 28.8 24.0 52.7 15.5 20.1 28.0 15.1 99 - 11.5 2.3 5.4 87.7 14.5 8.5 110.6 27.9 21.8 49.6 16.2 18.3 25.0 13.4 19.4 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5													18.0	-	25.5	4.3	324.3
3 - 25.0														-	33.3	11.1	324.8
4 - 21.1 3.7 5.5 101.1 20.3 10.5 131.9 32.9 31.2 84.1 14.6 - 28.1 24.4 5 - 18.6 3.3 5.7 98.3 18.9 10.0 125.2 31.8 31.2 83.0 14.4 14.9 28.8 21.9 16.7 3.0 5.9 93.5 17.6 9.8 120.8 30.7 29.3 80.0 14.4 24.2 29.8 19.4 7 - 14.7 2.7 5.9 92.3 16.5 9.2 118.0 29.7 28.5 56.2 14.8 22.0 30.1 17.1 8 - 12.9 2.5 5.7 90.5 15.5 8.8 114.8 28.8 24.0 52.7 15.5 20.1 28.0 15.1 9 - 11.5 2.3 5.4 87.7 14.5 8.5 110.8 27.9 21.8 49.6 16.2 18.3 25.0 13.4 19.1 11.8 19.4 19.5 19.4 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5														•			315.6
5 - 18.6 3.3 5.7 98.3 18.9 10.0 125.2 31.8 31.2 63.0 14.4 14.9 28.8 21.9 66 - 16.7 3.0 5.9 93.5 17.6 9.8 120.8 30.7 29.3 60.0 14.4 24.2 29.8 19.4 14.7 2.7 5.9 92.3 16.5 9.2 118.0 29.7 26.5 56.2 14.8 22.0 30.1 17.1 8 - 12.9 2.5 5.7 90.5 15.5 8.8 110.6 27.9 21.8 49.6 16.2 18.3 25.0 15.1 99 - 11.5 2.3 5.4 87.7 14.5 8.5 110.6 27.9 21.8 49.6 16.2 18.3 25.0 13.4 18.9 19.4 19.4 19.5 19.5 19.5 19.5 19.5 19.5 19.5 19.5		•												•			304.1
6         -         16.7         3.0         5.9         93.5         17.8         9.8         120.8         30.7         29.3         60.0         14.4         24.2         29.8         19.4           7         -         14.7         2.7         5.9         92.3         16.5         9.2         118.0         29.7         28.5         56.2         14.8         22.0         30.1         17.1           8         -         12.9         2.5         5.7         90.5         15.5         8.8         114.8         28.8         24.0         52.7         15.5         20.1         28.0         15.1           9         -         11.5         2.3         5.4         87.7         14.5         8.5         110.6         27.9         21.8         49.6         10.2         18.3         25.0         13.4           9         -         10.4         2.2         4.9         77.5         13.5         82         99.2         27.1         19.5         46.7         16.9         16.8         22.1         11.8           1         -         9.4         2.0         4.5         74.8         12.8         7.9         99.3         28.4		-															293.4
7 - 14.7 2.7 5.9 92.3 16.5 9.2 118.0 29.7 28.5 56.2 14.8 22.0 30.1 17.1 8 - 12.9 2.5 5.7 90.5 15.5 8.8 114.8 28.8 24.0 52.7 15.5 20.1 28.0 15.1 9 - 11.5 2.3 5.4 87.7 14.5 8.5 110.6 27.9 21.8 49.6 16.2 18.3 25.0 13.4 0 10.4 2.2 4.9 77.5 13.5 8.2 99.2 27.1 19.5 46.7 16.9 16.8 22.1 11.8 1 - 9.4 2.0 4.5 74.8 12.6 79 95.3 28.4 17.7 44.0 16.5 15.1 19.7 10.5 2 - 8.4 1.9 4.0 72.2 11.8 7.6 91.6 25.7 16.0 41.8 15.8 13.8 17.8 9.3 3 - 7.8 1.8 3.6 69.7 11.1 7.3 88.1 25.0 14.4 39.4 14.6 12.5 15.7 8.2																	295.6
8 - 12.9 2.5 5.7 90.5 15.5 8.8 114.8 28.8 24.0 52.7 15.5 20.1 28.0 15.1 9 - 11.5 2.3 5.4 87.7 14.5 8.5 110.8 27.9 21.8 49.6 16.2 18.3 25.0 13.4 10 - 10.4 2.2 4.9 77.5 13.5 8.2 99.2 27.1 19.5 46.7 16.9 16.6 22.1 11.8 1 - 9.4 2.0 4.5 74.8 12.6 7.9 95.3 28.4 17.7 44.0 18.5 15.1 19.7 10.5 2 - 8.4 1.9 4.0 72.2 11.8 7.6 91.6 25.7 18.0 41.8 15.8 13.8 17.6 9.3 3 - 7.5 1.8 3.6 89.7 11.1 7.3 88.1 25.0 14.4 39.4 14.6 12.5 15.7 8.2		-															294.1
9 - 11.5 2.3 5.4 87.7 14.5 8.5 110.6 27.9 21.8 49.6 16.2 18.3 25.0 13.4 0 - 10.4 2.2 4.9 77.5 13.5 8.2 99.2 27.1 19.5 46.7 16.9 16.6 22.1 11.8 1 - 9.4 2.0 4.5 74.8 12.8 7.9 95.3 26.4 17.7 44.0 16.5 15.1 19.7 10.5 2 - 9.4 1.9 4.0 72.2 11.8 7.6 91.6 25.7 16.0 41.8 15.8 13.8 17.6 9.3 3 - 7.5 1.8 3.6 69.7 11.1 7.3 88.1 25.0 14.4 39.4 14.6 12.5 15.7 8.2		-															281.7
0 - 10.4 2.2 4.9 77.5 13.5 8.2 99.2 27.1 19.5 46.7 16.9 16.6 22.1 11.8 11 - 9.4 2.0 4.5 74.8 12.6 7.9 95.3 28.4 17.7 44.0 16.5 15.1 19.7 10.5 12 - 8.4 1.9 4.0 72.2 11.8 7.6 91.6 25.7 16.0 41.8 15.8 13.8 17.6 9.3 13 - 7.5 1.8 3.6 69.7 11.1 7.3 88.1 25.0 14.4 39.4 14.6 12.5 15.7 8.2																	267.2
1 - 9.4 2.0 4.5 74.8 12.8 7.9 95.3 26.4 17.7 44.0 16.5 15.1 19.7 10.5 2 - 8.4 1.9 4.0 72.2 11.8 7.6 91.6 25.7 16.0 41.8 15.8 13.8 17.6 9.3 3 - 7.8 1.8 3.6 69.7 11.1 7.3 88.1 25.0 14.4 39.4 14.6 12.5 15.7 8.2																	252.2
2 - 8.4 1.9 4.0 72.2 11.8 7.6 91.6 25.7 16.0 41.8 15.8 13.8 17.6 9.3 3 - 7.6 1.8 3.6 69.7 11.1 7.3 88.1 25.0 14.4 39.4 14.6 12.5 15.7 8.2		· <del>-</del>															230.9
3 - 7.8 1.8 3.6 69.7 11.1 7.3 88.1 25.0 14.4 39.4 14.6 12.5 15.7 8.2		•															217.0
19.7 0.2		•															203.7
~ ° 0.00 1.00 2.00 67.4 10.4 7.1 64.8 24.4 13.1 37.4 13.8 11.4 14.0 7.3		-															191.5
5 - 6.3 1.5 2.3 65.2 9.7 6.9 81.8 23.8 11.8 35.8 12.8 10.4 12.5 6.4		•															180.1 169.6

#### Notes:

Sources: Alaska OII and Gas Conservation Commission, "Alaska Production Summary by Field and Pool" (monthly reports) and Alaska Department of Revenue (forecast)

<sup>&</sup>lt;sup>1</sup> Actual reported production from AOGCC Monthly Production Reports through 2005. Figures include NGLs.

Forecast production is based on sum of remaining recoverable reserves. Forecast horizon is 2006-2035, shown to 2025 in table and related chart.

<sup>&</sup>lt;sup>2</sup> Oil Rim and Gas Cap.

<sup>&</sup>lt;sup>3</sup> Includes Lisburne, Niakuk, North Prudhoe Bay, Point MacIntyre PA, and West Beach.

<sup>&</sup>lt;sup>4</sup> Includes Liberty and other known onshore and offshore.

<sup>5</sup> Based on U.S.G.S. estimates.