

# HARTIG RHODES HOGE & LEKISCH, P.C.

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\*ADMITTED IN FLORIDA ONLY

January 20, 2010

Office of the Commissioners  
Regulatory Commission of Alaska  
701 W. 8th Ave., Ste. 300  
Anchorage, AK 99501

Re: Oliktok Pipeline Company  
Supplement 2 to TL35-334

Dear Commissioners:

On November 30, 2009, Oliktok Pipeline Company (Oliktok) filed rates for 2010 pursuant to the Oliktok Shippers Rate Agreement (OSRA). Subsequent to the filing, Oliktok representatives met with Commission staff. In accordance with staff's recommendations, Oliktok is revising those rates by adjusting inputs for 2008 – 2010. The new rate for 2010 is \$1.31 as set forth on replacement 15<sup>th</sup> Revised Sheet 27 canceling 14<sup>th</sup> Revised Sheet 27 which is attached as Exhibit A.

Oliktok has updated the 2008 - 2010 inputs for operating and maintenance expenses, throughput, working capital, revenues collected, interest rates for net carryover, additions to construction work in progress (CWIP) and CWIP transfers to rate base. The 2008 inputs for these rate elements are corrected and consistent with RCA/FERC Form 6 filings. The 2009 inputs for these rate elements are now based on Oliktok's actual and estimated figures up to November 2009. The 2010 inputs for these rate elements are based on long range estimates, and include construction costs for an upgrade of the existing pig launcher and receiver to allow for smart pigging of the Oliktok pipeline. This upgrade is required for the continued operation and maintenance of the pipeline, and mandated by the federal Department of Transportation. These revisions can be found in Exhibit B.

Also, an adjustment for depreciation expense has been made because the life of the line has been extended to match the estimated amount of time NGLs will continue to be transported. See Section II-4.2 of the OSRA.

Enclosed in the accompanying envelope attached to this Supplement 2 filing as Exhibit B is one copy of the disk showing the calculation of the rate and one hard

copy of the calculation.

On December 29, 2009, Oliktok filed Supplement No. 1 to TL35-334 which extended the effective date of the tariff filed on November 30, 2009 to January 30, 2010. Assuming no objection, Oliktok plans to put the new rate of \$1.31 into effect on January 31, 2010. Since the new rate is less than the original filed rate in TL35-334, Oliktok does not believe any special tariff processing is needed by the Commission.

Oliktok hereby respectfully petitions the Commission that it be permitted under AS 42.06.390 of the Pipeline Act, as amended, 3 AAC 48.300(a)(c) and 3 AAC 48.805, as amended, and the regulations thereunder respectively, to put into force and effect the tariff change to become effective on January 31, 2010.

A copy of the Tariff will be available for public inspection at 700 G Street, Anchorage, AK 99501, Rm. 919. A copy of this filing will be sent to Oliktok Pipeline Company shippers as well as state agencies via email notification. If the Commission or its staff has any questions regarding this tariff, please contact the undersigned at 907-276-1592 or Luke Kiskaddon at 907-265-6393.

Very truly yours,

HARTIG RHODES HOGE & LEKISCH, P.C.

By:   
Andrew E. Hoge

cc: Client

RCA No. 334 15h Revised  
**Cancelling**  
14th Revised

Sheet No. 27

Sheet No. 27

Oliktok Transportation Company

RATE  
SCHEDULE "A"  
NGL TRANSMISSION SERVICE

Application

This rate applies to regular pipeline service through a single meter or system of meters as set forth in Carrier's tariff.

Rate

\$1.31 per barrel, subject to the Rate Adjustment Formula, for the Kugaruk River Unit (KRU) connection.

I

Tariff Advice No. 35

Effective January 31, 2010

Issued By: Oliktok Pipeline Company

By: *John M. Christal* Title: Vice President  
John M. Christal

**OLIKTOK PIPELINE COMPANY**

Input Section

	1995	1996	1997	1998	1999	2000	2001	2002
For the period from 1995 through 2007 (000's)	Start Balance							
1 Operating & Maintenance	\$43	\$1,275	\$1,540	\$1,780	\$2,072	\$1,622	\$1,876	\$1,945
2 Total Reserves	n/a							
3 Equivalent Throughput-M Bbls		3,938	8,688	12,828	10,767	11,247	10,494	11,442
4 DR&R Estimate-'95 \$000								
4a DR&R Fund Imputed Balance								
4b Cumulative DR&R Collections								
5 State Tax Depreciation Factor	2.00%	11.15%	10.20%	9.58%	8.97%	8.35%	7.74%	7.13%
6 Federal Tax Depreciation Factor-MACRS	5.00%	9.50%	8.55%	7.70%	6.93%	6.22%	5.90%	5.90%
7 Equity Capital Structure	46.6%	46.6%	46.6%	46.6%	46.6%	46.6%	46.6%	46.6%
8 Debt Capital Structure	53.4%	53.4%	53.4%	53.4%	53.4%	53.4%	53.4%	53.4%
9 Equity Rate of Return	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%
10 Debt Rate of Return	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%
11 Working Capital	(\$226)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12 Inflation Rate	0.67%	0.67%	0.67%	0.67%	0.67%	0.67%	1.03%	1.03%
13 State Tax Rate	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%
14 Federal Tax Rate	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%
15 Project Start								
16 Project End								
17 Partial Year Factor	0.17	1.00	1.00	1.00	1.00	1.00	1.00	1.00
18 Revenues Collected	\$36	\$4,117	\$6,168	\$6,522	\$5,276	\$6,190	\$4,200	\$5,992
19 Interest Rate for Net Carryover	5.74%	5.56%	5.68%	5.68%	5.56%	5.56%	5.56%	5.56%
20 DR&R Expenditure Year								
21 DR&R Amount to be Collected								
22 Additions to CWIP	4Q 1994	2Q 1995	3Q 1995	4Q 1995	1996	1997	1998	1999
23 CWIP Transfers to Rate Base ("Additions to CPIS")	\$578	(\$183)	\$706	\$1,084	\$28	\$0	\$0	\$0
24 Service Life	16.17		\$219	\$2,894	\$489	\$0	\$0	\$0

**OLIKTOK PIPELINE COMPANY**

Input Section

For the period from 1995 through 2007

(000's)

	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1 Operating & Maintenance	\$1,677	\$2,338	\$2,442	\$3,211	\$4,328	\$4,501	\$3,591	\$5,543			
2 Total Reserves	10,437	9,516	6,211	7,630	9,806	7,709	6,928	7,657			
3 Equivalent Throughput-M Bbls	6.51%	5.90%	5.28%	4.30%	3.68%	3.07%	2.46%	1.84%			
4 DR&R Estimate-'95 \$000	5.90%	5.90%	5.90%	5.90%	5.90%	5.90%	5.90%	2.96%			
4a DR&R Fund Imputed Balance	46.6%	46.6%	46.6%	46.6%	46.6%	46.6%	46.6%	46.6%			
4b Cumulative DR&R Collections	53.4%	53.4%	53.4%	53.4%	53.4%	53.4%	53.4%	53.4%			
5 State Tax Depreciation Factor	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%			
6 Federal Tax Depreciation Factor-MACRS	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%			
7 Equity Capital Structure	\$0	\$0	\$0	\$0	\$0	\$235	\$0	\$0			
8 Debt Capital Structure	1.03%	1.03%	1.03%	1.03%	1.03%	15.65%	-13.97%	0.000%			
9 Equity Rate of Return	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%	9.40%			
10 Debt Rate of Return	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%	35.00%			
11 Working Capital	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00			
12 Inflation Rate											
13 State Tax Rate											
14 Federal Tax Rate											
15 Project Start											
16 Project End											
17 Partial Year Factor	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
18 Revenues Collected	\$5,009	\$4,477	\$2,422	\$6,485	\$6,178	\$5,319	\$8,106	\$0	\$0	\$0	\$0
19 Interest Rate for Net Carryover	5.56%	5.56%	5.56%	5.56%	5.56%	3.74%	1.09%	0.00%	0.00%	0.00%	0.00%
20 DR&R Expenditure Year											
21 DR&R Amount to be Collected	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
22 Additions to CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750	\$4,650
23 CWIP Transfers to Rate Base ("Additions to CPIS")	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$303	\$0	\$5,400
24 Service Life									\$303		



**Stipulated Balances:**

25	Total Property-'94 BOY	\$7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26	Debt Property-'94 BOY												\$0
27	Equity Property-'94 BOY												\$0
28	Net Property-'94 EOY												\$0
29	Accrued Depreciation-'94 EOY												\$0
30	TEFRA Balance-'94 EOY												\$0
31	State ADIT-'94												\$0
32	State Depreciation Pre '94 assets												\$0
33	Federal ADIT-'94												\$0
34	Federal Depreciation Pre '94 assets												\$0
35	FAS 71 Adjustment Basis												\$0

**OLIKTOK PIPELINE COMPANY**

Total Cost of Service  
For the period from 1995 through 2007  
(000's)

Schedule 1

Line No. Description	Source	1995	1996	1997	1998	1999	2000	2001	2002
1 Operating Expense	Input Ln. 1	\$43	\$1,275	\$1,540	\$1,780	\$2,072	\$1,622	\$1,876	\$1,945
2 DR&R Allowance	Sch. 2, Ln. 4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3 Depreciation Expense	Sch. 8, Ln. 4	\$284	\$1,730	\$1,730	\$1,730	\$1,730	\$1,730	\$1,730	\$1,730
4 Equity AFUDC Depreciation	Sch. 6, Ln. 4	\$1	\$8	\$8	\$8	\$8	\$8	\$8	\$8
5 IDC Depreciation	Sch. 6, Ln. 9	\$1	\$4	\$4	\$4	\$4	\$4	\$4	\$4
6 Debt Return	Sch. 5, Ln. 6	\$102	\$655	\$624	\$578	\$533	\$489	\$446	\$403
7 Equity Return	Sch. 5, Ln. 3	\$176	\$1,130	\$1,080	\$1,000	\$922	\$846	\$771	\$697
8 Income Tax Allowance	Sch. 10, Ln. 16	\$90	\$594	\$559	\$503	\$449	\$396	\$344	\$291
9 Net Carryover	Sch. 13, Prior Ln. 6	\$0	\$694	\$2,055	\$1,480	\$551	\$1,005	(\$135)	\$866
10a Cost of Service	Sum Lns (1 - 9)	\$695	\$6,090	\$7,600	\$7,083	\$6,269	\$6,100	\$5,044	\$5,944
10b Regulatory Cost Charge	93% * Ln. 10a cur yr	\$3	\$26	\$32	\$40	\$41.57	\$38.19	\$23.25	\$47.13
10 Total Cost of Service	Ln. 10a + Ln. 10b	\$693	\$6,065	\$7,568	\$7,043	\$6,228	\$6,062	\$5,020	\$5,896
11 Equivalent Throughput-M Bbls	Input Ln. 3	35	3,938	8,688	12,828	10,767	11,247	10,494	11,442
12 Tariff Rate	Lns (10 / 11)	\$20.018	\$1,540	\$0.871	\$0,549	\$0.58	\$0.54	\$0.48	\$0.52
			\$1,701						

**OLIKTOK PIPELINE COMPANY**  
Total Cost of Service  
For the period from 1995 through 2007  
(000's)

Line No. Description	Source	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1 Operating Expense	Input Ln. 1	\$1,677	\$2,338	\$2,442	\$3,211	\$4,328	\$4,501	\$3,591	\$5,543	\$0	\$0	\$0
2 DR&R Allowance	Sch. 2, Ln. 4	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3 Depreciation Expense	Sch. 8, Ln. 4	\$1,730	\$1,730	\$1,730	\$1,730	\$1,730	\$1,805	\$1,805	\$2,253	\$2,253	\$2,253	\$2,253
4 Equity AFUDC Depreciation	Sch. 6, Ln. 4	\$8	\$8	\$8	\$8	\$8	\$8	\$8	\$4	\$4	\$4	\$4
5 IDC Depreciation	Sch. 6, Ln. 9	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$2	\$2	\$2	\$2
6 Debt Return	Sch. 5, Ln. 6	\$360	\$317	\$274	\$231	\$188	\$155	\$117	\$173	\$0	\$0	\$0
7 Equity Return	Sch. 5, Ln. 3	\$622	\$547	\$473	\$399	\$325	\$270	\$203	\$298	\$0	\$0	\$0
8 Income Tax Allowance	Sch. 10, Ln. 16	\$239	\$187	\$135	\$84	\$32	(\$6)	(\$53)	\$110	(\$72)	\$3,366	\$3,366
9 Net Carryover	Sch. 13, Prior Ln. 6	(\$101)	(\$514)	\$125	\$2,897	\$2,133	\$2,621	\$4,095	\$1,628	\$0	\$0	\$0
10a Cost of Service	Sum Lns (1 - 9)	\$4,539	\$4,617	\$5,191	\$8,563	\$8,748	\$9,359	\$9,770	\$10,011	\$2,187	\$5,625	\$5,625
10b Regulatory Cost Charge	93% * Ln. 10a cur	\$16,52	\$21,98	\$24,47	\$56,63	\$86,25	\$92,28	\$53,83	\$55,16	\$12,05	\$44,60	\$44,60
10 Total Cost of Service	Ln. 10a + Ln. 10b	\$4,522	\$4,595	\$5,166	\$8,506	\$8,661	\$9,267	\$9,717	\$9,956	\$2,175	\$5,580	\$5,669
11 Equivalent Throughput-M Bbls	Input Ln. 3	10,437	9,516	6,211	7,630	9,806	7,709	6,928	7,657	0	0	0
12 Tariff Rate	Lns (10 / 11)	\$0.43	\$0.49	\$0.84	\$1.12	\$0.89	\$1.21	\$1.41	\$1.31	\$0.00	\$0.000	\$0.000

**OLIKTOK PIPELINE COMPANY**  
 Calculation of Provision for Dismantling, Removal, and Restoration  
 For the period from 1995 through 2007  
 (000's)

Schedule 2

Line No.	Description	Source	1995	1996	1997	1998	1999	2000	2001	2002
1	Collection Factor	Schedule 7 Ln. 3	1.03%	6.19%	6.19%	6.19%	6.19%	6.19%	6.19%	6.19%
2	Amount to be Collected	Input Ln. 21	\$0							
3	Starting Balance	Input Ln 4a	\$2,878	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Annual Collection	Lns (1 * 2)	\$0	\$1,928	\$1,928	\$1,928	\$1,928	\$1,928	\$1,928	\$1,928
5	Cumulative Collection	Cumulative Ln. 4	\$1,928	\$1,928	\$3,289	\$3,517	\$3,759	\$4,019	\$4,297	\$4,594
6	Fund Balance (BOY)	Prior Ln. 17	\$2,878	\$3,077	\$3,289	\$3,517	\$3,759	\$4,019	\$4,297	\$4,594
7	DR&R Earnings Rate	it Lns. (7 * 9 + 8 * 10)	11.73%	11.73%	11.73%	11.73%	11.73%	11.73%	11.73%	11.73%
8	Interest Earnings	+Ln.(4 -16) *5)*Ln. 7	\$338	\$361	\$386	\$412	\$441	\$471	\$504	\$539
9	Effective Tax Rate	(Ln.14+(-Ln14)*Ln13)	41.11%	41.11%	41.11%	41.11%	41.11%	41.11%	41.11%	41.11%
10	Income Taxes on Collections	Lns. (4 * 9)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11	Income Taxes on Interest	Lns. (8 * 9)	\$139	\$148	\$159	\$170	\$181	\$194	\$207	\$221
12	DR&R % Expenditure	Input Ln.20	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
13	Inflation Rate	Input Ln. 12	0.67%	0.67%	0.67%	0.67%	0.67%	0.67%	1.03%	1.03%
14	Inflation Factor	+ Ln. 13)*Prior Ln. 14	100.00%	100.67%	101.34%	102.02%	102.71%	103.40%	104.45%	105.53%
15	DR&R Cost	Input Ln. 4 * Ln. 14	\$4,715	\$4,747	\$4,778	\$4,810	\$4,843	\$4,875	\$4,925	\$4,976
16	After Tax Expenditure	5 * Ln.12 * (1.0 - Ln.9)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17	Fund Balance (EOY)	4 + 6 + 8 - 10 - 11 - 16)	\$3,077	\$3,289	\$3,517	\$3,759	\$4,019	\$4,297	\$4,594	\$4,911

**OLIKTOK PIPELINE COMPANY**

Calculation of Provision for Dismantling, Removal, and Restoration  
For the period from 1995 through 2007

(000's)

Line No.	Description	Source	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	Collection Factor	Schedule 7 Ln. 3	6.19%	6.19%	6.19%	6.19%	6.19%	6.19%	-6.19%	6.19%	6.19%	6.19%	6.19%
2	Amount to be Collected	Input Ln. 21											
3	Starting Balance	Input Ln. 4a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Annual Collection	Lns (1 * 2)	\$1,928	\$1,928	\$1,928	\$1,928	\$1,928	\$1,928	\$1,928	\$1,928	\$1,928	\$1,928	\$1,928
5	Cumulative Collection	Cumulative Ln. 4											
6	Fund Balance (BOY)	Prior Ln. 17	\$4,911	\$5,250	\$5,613	\$6,000	\$6,415	\$6,858	\$7,332	\$7,838	\$8,380	\$9,362	\$10,461
7	DR&R Earnings Rate	at Lns. (7 * 9 + 8 * 5) + Ln. (4 - 16) * 5) * 1	11.73%	11.73%	11.73%	11.73%	11.73%	11.73%	11.73%	11.73%	11.73%	11.73%	11.73%
8	Interest Earnings		\$576	\$616	\$658	\$704	\$752	\$804	\$860	\$919	\$983	\$1,098	\$1,227
9	Effective Tax Rate	(Ln. 14 + (1 - Ln. 14) * 1)	41.11%	41.11%	41.11%	41.11%	41.11%	41.11%	41.11%	41.11%	0.00%	0.00%	0.00%
10	Income Taxes on Collections	Lns. (4 * 9)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11	Income Taxes on Interest	Lns. (8 * 9)	\$237	\$253	\$271	\$289	\$309	\$331	\$354	\$378	\$0	\$0	\$0
12	DR&R % Expenditure	Input Ln. 20	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
13	Inflation Rate	Input Ln. 12	1.03%	1.03%	1.03%	1.03%	1.03%	15.65%	-13.97%	0.00%	0.00%	0.00%	0.00%
14	Inflation Factor	+ Ln. 13) * Prior Ln.	106.61%	107.70%	108.80%	109.92%	111.05%	128.42%	110.48%	110.48%	110.48%	110.48%	110.48%
15	DR&R Cost	Input Ln. 4 * Ln. 14	\$5,027	\$5,078	\$5,130	\$5,183	\$5,236	\$6,055	\$5,209	\$5,209	\$5,209	\$5,209	\$5,209
16	After Tax Expenditure	5 * Ln. 12 * (1.0 - 1	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17	Fund Balance (EOY)	4 + 6 + 8 - 10 - 11	\$5,250	\$5,613	\$6,000	\$6,415	\$6,858	\$7,332	\$7,838	\$8,380	\$9,362	\$10,461	\$11,688

## OLJKTOK PIPELINE COMPANY

## Debt Rate Base

For the period from 1995 through 2007

(000's)

Line No.	Description	Source	Start Balance	1995	1996	1997	1998	1999	2000	2001	2002
1	Debt Portion of Gross Carrier Property-	Prior Ln. 4	\$16,291	\$16,435	\$18,004	\$18,287	\$18,287	\$18,287	\$18,287	\$18,287	\$18,287
2	Debt Portion of Gross Carrier Property / Input Lns (8 * 23)		\$117	\$1,546	\$261	\$0	\$0	\$0	\$0	\$0	\$0
3	IDC Additions	Sch. 6, Ln. 8	\$27	\$23	\$22	\$0	\$0	\$0	\$0	\$0	\$0
4	Debt Portion of Gross Carrier Property-	Ln. (1 + 2 + 3)	\$16,435	\$18,004	\$18,287	\$18,287	\$18,287	\$18,287	\$18,287	\$18,287	\$18,287
5	Less: Debt Portion of Accumulated Dep	Sch. 8, Ln 8	\$3,286	\$3,438	\$4,361	\$5,285	\$6,209	\$7,132	\$8,056	\$8,979	\$9,903
6	Accumulated IDC Depreciation	Sch. 6, Ln 11		\$1	\$5	\$9	\$14	\$18	\$23	\$27	\$32
7	Debt Portion of Nct Carrier Property	Ln. (4 - 5 - 6)	\$13,149	\$14,565	\$13,920	\$12,992	\$12,064	\$11,136	\$10,208	\$9,280	\$8,353
8	Working Capital	Input Lns. (8 * 11)	\$0	(\$121)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Less: Debt Portion of ADIT	11, Ln 22 * Input	\$6,246	\$6,255	\$5,916	\$5,562	\$5,196	\$4,818	\$4,428	\$4,035	\$3,641
10	Debt Rate Base	Ln. (7 + 8 - 9)	\$6,903	\$8,190	\$8,005	\$7,430	\$6,868	\$6,318	\$5,780	\$5,245	\$4,712
11	Average Debt Rate Base	Ln. 10 + Prior Ln. 10)/2		\$7,546	\$8,097	\$7,717	\$7,149	\$6,593	\$6,049	\$5,513	\$4,978

**OLIKTOK PIPELINE COMPANY**  
Debt Rate Base  
For the period from 1995 through 2007  
(000's)

Line No.	Description	Source	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	Debt Portion of Gross Carrier Property-	Prior Ln. 4	\$18,287	\$18,287	\$18,287	\$18,287	\$18,287	\$18,287	\$18,449	\$18,449	\$21,332	\$21,332	\$21,332
2	Debt Portion of Gross Carrier Property /Input Lns (8 * 23)		\$0	\$0	\$0	\$0	\$0	\$162	\$0	\$2,884	\$0	\$0	\$0
3	IDC Additions	Sch. 6, Ln. 8	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Debt Portion of Gross Carrier Property-	Ln. (1 + 2 + 3)	\$18,287	\$18,287	\$18,287	\$18,287	\$18,287	\$18,449	\$18,449	\$21,332	\$21,332	\$21,332	\$21,332
5	Less: Debt Portion of Accumulated Dep	Sch. 8, Ln 8	\$10,827	\$11,750	\$12,674	\$13,597	\$14,521	\$15,485	\$16,449	\$17,652	\$18,855	\$20,058	\$21,261
6	Accumulated IDC Depreciation	Sch. 6, Ln 11	\$36	\$41	\$45	\$49	\$54	\$58	\$63	\$65	\$67	\$69	\$72
7	Debt Portion of Net Carrier Property	Ln. (4 - 5 - 6)	\$7,424	\$6,496	\$5,568	\$4,640	\$3,712	\$2,905	\$1,937	\$3,615	\$2,410	\$1,205	\$0
8	Working Capital	Input Lns. (8 * 11)	\$0	\$0	\$0	\$0	\$0	\$125	\$0	\$0	\$0	\$0	\$0
9	Less: Debt Portion of ADIT	11, Ln 22 * Input	\$3,246	\$2,850	\$2,453	\$2,055	\$1,657	\$1,247	\$835	\$440	\$402	\$2,199	\$3,997
10	Debt Rate Base	Ln. (7 + 8 - 9)	\$4,178	\$3,646	\$3,115	\$2,585	\$2,056	\$1,784	\$1,102	\$3,175	\$2,009	(\$994)	(\$3,997)
11	Average Debt Rate Base	Ln. 10 + Prior Ln. 10	\$4,445	\$3,912	\$3,381	\$2,850	\$2,320	\$1,920	\$1,443	\$2,139	\$2,592	\$507	(\$2,495)

## OLJIKTOK PIPELINE COMPANY

Equity Rate Base  
For the period from 1995 through 2007  
(000's)

Line No.	Description	Source	Start Balance	1995	1996	1997	1998	1999	2000	2001	2002
1	Equity Portion of Gross Carrier Property	Prior Ln. 4	\$14,217	\$14,366	\$15,754	\$16,020	\$16,020	\$16,020	\$16,020	\$16,020	\$16,020
2	Equity Portion of Carrier Property Addi. Input Lns (7 * 23)		\$102	\$1,349	\$228	\$0	\$0	\$0	\$0	\$0	\$0
3	Equity Portion of Gross AFUDC Additi.	Sch. 6, Ln. 3	\$47	\$40	\$38	\$0	\$0	\$0	\$0	\$0	\$0
4	Equity Portion of Gross Carrier Property	Ln. (1 + 2 + 3)	\$14,366	\$15,754	\$16,020	\$16,020	\$16,020	\$16,020	\$16,020	\$16,020	\$16,020
5	Less: Equity Portion Accumulated Depi	Sch. 8, Ln. 7	\$2,868	\$3,000	\$3,806	\$5,418	\$6,224	\$7,030	\$7,836	\$8,642	\$8,642
6	Accumulated Equity AFUDC Dep	Sch. 6, Ln. 6		\$1	\$9	\$24	\$32	\$40	\$47	\$55	\$55
7	Equity Portion of Net Carrier Property	Ln. (4 - 5 - 6)	\$11,498	\$12,753	\$12,205	\$10,578	\$9,764	\$8,951	\$8,137	\$7,324	\$7,324
8	Working Capital	Input Lns.(11 * 8)	\$0	(\$121)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Less: Equity Portion of ADIT	11, Ln 22 * Input	\$5,451	\$5,459	\$5,162	\$4,535	\$4,204	\$3,864	\$3,521	\$3,177	\$3,177
10	Equity Rate Base	Ln. (7 + 8 - 9)	\$6,047	\$7,174	\$7,043	\$6,043	\$5,560	\$5,086	\$4,616	\$4,146	\$4,146
11	Average Equity Rate Base	3 10 + Prior Ln. 10)/2		\$6,611	\$7,108	\$6,790	\$6,291	\$5,802	\$5,323	\$4,851	\$4,381

**OLIKTOK PIPELINE COMPANY**

Equity Rate Base  
For the period from 1995 through 2007  
(000's)

Line No. Description	Source	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	Equity Portion of Gross Carrier Property	Prior Ln. 4	\$16,020	\$16,020	\$16,020	\$16,020	\$16,020	\$16,162	\$16,162	\$18,678	\$18,678	\$18,678
2	Equity Portion of Carrier Property Addi-	Input Lns (7 * 23)	\$0	\$0	\$0	\$0	\$141	\$0	\$2,516	\$0	\$0	\$0
3	Equity Portion of Gross AFUDC Additi-	Sch. 6, Ln. 3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Equity Portion of Gross Carrier Property	Ln. (1 + 2 + 3)	\$16,020	\$16,020	\$16,020	\$16,020	\$16,162	\$16,162	\$18,678	\$18,678	\$18,678	\$18,678
5	Less: Equity Portion Accumulated Depr	Sch. 8, Ln. 7	\$9,448	\$10,254	\$11,060	\$11,866	\$13,513	\$14,354	\$15,404	\$16,454	\$17,504	\$18,553
6	Accumulated Equity /AFUDC Def	Sch. 6, Ln. 6	\$63	\$70	\$78	\$86	\$101	\$109	\$113	\$117	\$121	\$125
7	Equity Portion of Net Carrier Property	Ln. (4 - 5 - 6)	\$6,510	\$5,696	\$4,882	\$4,069	\$2,547	\$1,698	\$3,161	\$2,107	\$1,054	\$0
8	Working Capital	Input Lns.(11 * 8)	\$0	\$0	\$0	\$0	\$125	\$0	\$0	\$0	\$0	\$0
9	Less: Equity Portion of ADJIT	11, Ln 22 * Input	\$2,833	\$2,487	\$2,141	\$1,794	\$1,088	\$729	\$384	\$0	\$0	\$0
10	Equity Rate Base	Ln. (7 + 8 - 9)	\$3,677	\$3,209	\$2,742	\$2,275	\$1,585	\$969	\$2,777	\$2,107	\$1,054	\$0
11	Average Equity Rate Base	110 + Prior Ln 10)	\$3,912	\$3,443	\$2,975	\$2,508	\$1,697	\$1,277	\$1,873	\$2,442	\$1,580	\$527

**OLJIKTOK PIPELINE COMPANY**  
 Return on Equity and Debt Rate Base  
 For the period from 1995 through 2007  
 (000's)

Schedule 5

Line No.	Description	Source	1995	1996	1997	1998	1999	2000	2001	2002
1	Average Equity Rate Base	Sch. 4, Ln. 11	\$6,611	\$7,108	\$6,790	\$6,291	\$5,802	\$5,323	\$4,851	\$4,381
2	Equity Rate of Return	input (Ln.9 * Ln.17)	2.66%	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%
3	Return on Equity Rate Base	Ln. (1 * 2)	\$176	\$1,130	\$1,080	\$1,000	\$922	\$846	\$771	\$697
4	Average Debt Rate Base	Sch. 3, Ln. 11	\$7,546	\$8,097	\$7,717	\$7,149	\$6,593	\$6,049	\$5,513	\$4,978
5	Cost of Debt	input (Ln.10 * Ln.17)	1.35%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%
6	Return on Debt Rate Base	Ln. (4 * 5)	\$102	\$655	\$624	\$578	\$533	\$489	\$446	\$403

**OLJIKTOK PIPELINE COMPANY**  
Return on Equity and Debt Rate Base  
For the period from 1995 through 2007  
(000's)

Line No.	Description	Source	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	Average Equity Rate Base	Sch. 4, Ln. 11	\$3,912	\$3,443	\$2,975	\$2,508	\$2,042	\$1,697	\$1,277	\$1,873	\$2,442	\$1,580	\$527
2	Equity Rate of Return	Input (Ln.9 * Ln.17	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	0.00%	0.00%	0.00%
3	Return on Equity Rate Base	Ln. (1 * 2)	\$622	\$547	\$473	\$399	\$325	\$270	\$203	\$298	\$0	\$0	\$0
4	Average Debt Rate Base	Sch. 3, Ln. 11	\$4,445	\$3,912	\$3,381	\$2,850	\$2,320	\$1,920	\$1,443	\$2,139	\$2,592	\$507	(\$2,495)
5	Cost of Debt	Input (Ln.10 * Ln.17	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	0.00%	0.00%	0.00%
6	Return on Debt Rate Base	Ln. (4 * 5)	\$360	\$317	\$274	\$231	\$188	\$155	\$117	\$173	\$0	\$0	\$0

## OLIKTOK PIPELINE COMPANY

## Depreciation of AFUDC

For the period from 1995 through 2007

(000's)

Line No.	Description	Source	Start Balance	1995	1996	1997	1998	1999	2000	2001	2002
1	Depreciation Factor	Sch. 7, Ln. 2		6.19%	6.25%	6.67%	7.14%	7.69%	8.33%	9.09%	10.00%
2	Net Equity AFUDC (BOY)	Prior Ln. 5	\$47	\$47	\$86	\$116	\$108	\$100	\$93	\$85	\$77
3	Equity AFUDC Additions	Sch. 14, Ln. 21	\$47	\$40	\$38	\$0	\$0	\$0	\$0	\$0	\$0
4	Current Period Equity AFUDC Depreciat	2+3)*Ln. 1*Input Ln. 17	\$1	\$1	\$8	\$8	\$8	\$8	\$8	\$8	\$8
5	Net Equity AFUDC (EOY)	Ln. (2 + 3 - 4)	\$47	\$86	\$116	\$108	\$100	\$93	\$85	\$77	\$70
6	Accumulated Equity AFUDC Depreciat	Cumulative Ln. 4		\$1	\$9	\$16	\$24	\$32	\$40	\$47	\$55
7	Net IDC (BOY)	Prior Ln. 10	\$27	\$27	\$49	\$67	\$62	\$58	\$53	\$49	\$44
8	IDC Additions	Sch. 14, Ln. 14	\$27	\$23	\$22	\$0	\$0	\$0	\$0	\$0	\$0
9	Current Period IDC Depreciation	7+8)*Ln. 1*Input Ln. 17	\$1	\$1	\$4	\$4	\$4	\$4	\$4	\$4	\$4
10	Net IDC (EOY)	Ln. (7 + 8 - 9)	\$27	\$49	\$67	\$62	\$58	\$53	\$49	\$44	\$40
11	Accumulated IDC Depreciation	Cumulative Ln. 9		\$1	\$5	\$9	\$14	\$18	\$23	\$27	\$32

**OLIKTOK PIPELINE COMPANY**  
 Depreciation of AFUDC  
 For the period from 1995 through 2007  
 (000's)

Schedule 6

Schedule 6  
 Page 2 of 2

Line No.	Description	Source	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	Depreciation Factor	Sch. 7, Ln. 2	11.11%	12.50%	14.29%	16.67%	20.00%	25.00%	33.33%	25.00%	33.33%	50.00%	100.00%
2	Net Equity AFUDC (BOY)	Prior Ln. 5	\$70	\$62	\$54	\$46	\$39	\$31	\$23	\$15	\$12	\$8	\$4
3	Equity AFUDC Additions	Sch. 14, Ln. 21	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	Current Period Equity AFUDC Depreciat:2+3)*Ln.1*Input I		\$8	\$8	\$8	\$8	\$8	\$8	\$8	\$4	\$4	\$4	\$4
5	Net Equity AFUDC (EOY)	Ln. (2 + 3 - 4)	\$62	\$54	\$46	\$39	\$31	\$23	\$15	\$12	\$8	\$4	\$0
6	Accumulated Equity AFUDC Depreciat	Cumulative Ln. 4	\$63	\$70	\$78	\$86	\$94	\$101	\$109	\$113	\$117	\$121	\$125
7	Net IDC (BOY)	Prior Ln. 10	\$40	\$36	\$31	\$27	\$22	\$18	\$13	\$9	\$7	\$4	\$2
8	IDC Additions	Sch. 14, Ln. 14	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Current Period IDC Depreciation	7+8)*Ln.1*Input I	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$2	\$2	\$2	\$2
10	Net IDC (EOY)	Ln. (7 + 8 - 9)	\$36	\$31	\$27	\$22	\$18	\$13	\$9	\$7	\$4	\$2	\$0
11	Accumulated IDC Depreciation	Cumulative Ln. 9	\$36	\$41	\$45	\$49	\$54	\$58	\$63	\$65	\$67	\$69	\$72

**OLIKTOK PIPELINE COMPANY**  
Determination of Depreciation Rates  
For the period from 1995 through 2007  
(000's)

Schedule 7

Line No.	Description	Source	1995	1996	1997	1998	1999	2000	2001	2002
1	Remaining Life (Yrs)	or Ln. 1 - Input Ln. 17	16.17	16.00	15.00	14.00	13.00	12.00	11.00	10.00
2	Remaining Life Depreciation Factor	1 / Ln. 1	6.19%	6.25%	6.67%	7.14%	7.69%	8.33%	9.09%	10.00%
3	Straight Line Collection Schedule DR&J - Nxt Ln. 1 / Input Ln. 24		1.03%	6.19%	6.19%	6.19%	6.19%	6.19%	6.19%	6.19%

**OLIKTOK PIPELINE COMPANY**  
 Determination of Depreciation Rates  
 For the period from 1995 through 2007  
 (000's)

Line No.	Description	Source	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	Remaining Life (Yrs)	or Ln. 1 - Input Ln.	9.00	8.00	7.00	6.00	5.00	4.00	3.00	4.00	3.00	2.00	1.00
2	Remaining Life Depreciation Factor	1 / Ln. 1	11.11%	12.50%	14.29%	16.67%	20.00%	25.00%	33.33%	25.00%	33.33%	50.00%	100.00%
3	Straight Line Collection Schedule DR&J - Nxt Ln. 1 / Input 1		6.19%	6.19%	6.19%	6.19%	6.19%	6.19%	-6.19%	6.19%	6.19%	6.19%	6.19%

**OLJKTOK PIPELINE COMPANY**  
Determination of Depreciation Expense  
For the period from 1995 through 2007  
(000's)

Line No. Description	Source	Start Balance	1995	1996	1997	1998	1999	2000	2001	2002
1 Depreciation Factor	Sch. 7, Ln. 2		6.19%	6.25%	6.67%	7.14%	7.69%	8.33%	9.09%	10.00%
2 Net Carrier Property (BOY)	Prior Ln. 5	\$24,354	\$24,573	\$27,184	\$25,943	\$24,214	\$22,484	\$20,755	\$19,025	\$17,296
3 Additions to CPIS	Input Ln. 23	\$219	\$2,894	\$489	\$0	\$0	\$0	\$0	\$0	\$0
4 Current Period Depreciation	(1*(2+3))*Input Ln.17		\$284	\$1,730	\$1,730	\$1,730	\$1,730	\$1,730	\$1,730	\$1,730
5 Net Carrier Property (EOY)	Ln. (2 + 3 - 4)	\$24,573	\$27,184	\$25,943	\$24,214	\$22,484	\$20,755	\$19,025	\$17,296	\$15,566
6 Accumulated Depreciation (EOY)	Cumulative Ln. 4	\$6,154	\$6,438	\$8,167	\$9,897	\$11,627	\$13,356	\$15,086	\$16,815	\$18,545
7 Equity Portion of Accumulated Depreciat	n. 6 * Input Ln. 7		\$3,000	\$3,806	\$4,612	\$5,418	\$6,224	\$7,030	\$7,836	\$8,642
8 Debt Portion of Accumulated Depreciat	n. 6 * Input Ln. 8		\$3,438	\$4,361	\$5,285	\$6,209	\$7,132	\$8,056	\$8,979	\$9,903

**OLIKTOK PIPELINE COMPANY**  
Determination of Depreciation Expense  
For the period from 1995 through 2007  
(000's)

Line No.	Description	Source	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	Depreciation Factor	Sch. 7, Ln. 2	11.11%	12.50%	14.29%	16.67%	20.00%	25.00%	33.33%	25.00%	33.33%	50.00%	100.00%
2	Net Carrier Property (BOY)	Prior Ln. 5	\$15,566	\$13,837	\$12,107	\$10,378	\$8,648	\$6,918	\$5,416	\$3,611	\$6,758	\$4,505	\$2,253
3	Additions to CPIS	Input Ln. 23	\$0	\$0	\$0	\$0	\$0	\$303	\$0	\$5,400	\$0	\$0	\$0
4	Current Period Depreciation	(1*(2+3))*Input Ln	\$1,730	\$1,730	\$1,730	\$1,730	\$1,730	\$1,805	\$1,805	\$2,253	\$2,253	\$2,253	\$2,253
5	Net Carrier Property (EOY)	Ln. (2 + 3 - 4)	\$13,837	\$12,107	\$10,378	\$8,648	\$6,918	\$5,416	\$3,611	\$6,758	\$4,505	\$2,253	\$0
6	Accumulated Depreciation (EOY)	Cumulative Ln. 4	\$20,274	\$22,004	\$23,734	\$25,463	\$27,193	\$28,998	\$30,804	\$33,056	\$35,309	\$37,562	\$39,814
7	Equity Portion of Accumulated Depreciat.	Ln. 6 * Input Ln. 7	\$9,448	\$10,254	\$11,060	\$11,866	\$12,672	\$13,513	\$14,354	\$15,404	\$16,454	\$17,504	\$18,553
8	Debt Portion of Accumulated Depreciat.	Ln. 6 * Input Ln. 8	\$10,827	\$11,750	\$12,674	\$13,597	\$14,521	\$15,485	\$16,449	\$17,652	\$18,855	\$20,058	\$21,261

**OLIKTOK PIPELINE COMPANY**  
 Depreciation of TEFRA Adjustment  
 For the period from 1995 through 2007  
 (000's)

Line No. Description	Source	1995	1996	1997	1998	1999	2000	2001	2002
1 Current TEFRA Adjustment		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 TEFRA Adjustment Balance (BOY)	Prior Ln. 5	\$1,217	\$1,204	\$1,129	\$1,054	\$979	\$903	\$828	\$753
3 Depreciation Factor	Sch. 7, Ln. 2	6.19%	6.25%	6.67%	7.14%	7.69%	8.33%	9.09%	10.00%
4 Depreciation of TEFRA Adjustment	(1+2)*3 * Input Ln.17	\$13	\$75	\$75	\$75	\$75	\$75	\$75	\$75
5 TEFRA Adjustment Balance (EOY)	Ln. (1 + 2 - 4)	\$1,204	\$1,129	\$1,054	\$979	\$903	\$828	\$753	\$677

**OLIKTOK PIPELINE COMPANY**  
Depreciation of TEFRA Adjustment  
For the period from 1995 through 2007  
(000's)

Line No. Description	Source	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1 Current TEFRA Adjustment		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2 TEFRA Adjustment Balance (BOY)	Prior Ln. 5	\$677	\$602	\$527	\$452	\$376	\$301	\$226	\$151	\$113	\$75	\$38
3 Depreciation Factor	Sch. 7, Ln. 2	11.11%	12.50%	14.29%	16.67%	20.00%	25.00%	33.33%	25.00%	33.33%	50.00%	100.00%
4 Depreciation of TEFRA Adjustment	(1+2)*3) * Input L	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$38	\$38	\$38	\$38
5 TEFRA Adjustment Balance (EOY)	Ln. (1 + 2 - 4)	\$602	\$527	\$452	\$376	\$301	\$226	\$151	\$113	\$75	\$38	\$0

**OLIKTOK PIPELINE COMPANY**  
 Income Tax Allowance  
 For the period from 1995 through 2007

Schedule 10

Line No.	Description	Source	1995	1996	1997	1998	1999	2000	2001	2002
1	Return on Equity Rate Base	Sch. 5, Ln. 3	\$176	\$1,130	\$1,080	\$1,000	\$922	\$846	\$771	\$697
2	Equity AFUDC Depreciation	Sch. 6, Ln. 4	\$1	\$8	\$8	\$8	\$8	\$8	\$8	\$8
3	Depreciation of TEFRA Adjustment	Sch. 9, Ln. 4	\$13	\$75	\$75	\$75	\$75	\$75	\$75	\$75
4	Depreciation of FAS 71 Adjustment	Sch. 11, Ln. 20	(\$24)	(\$144)	(\$144)	(\$144)	(\$144)	(\$144)	(\$144)	(\$144)
5	Federal Taxable Income	Sum Lns. (1 - 4)	\$165	\$1,069	\$1,018	\$939	\$861	\$785	\$710	\$635
6	Net to Tax Multiplier, Federal Taxes	Ln14/(1.0-Input Ln14)	53.85%	53.85%	53.85%	53.85%	53.85%	53.85%	53.85%	53.85%
7	Federal Income Tax Allowance	Ln. (5 * 6)	\$89	\$576	\$548	\$506	\$464	\$423	\$382	\$342
8	Depreciation of FAS 71 Adjustment	Sch. 11, Ln. 20	(\$24)	(\$144)	(\$144)	(\$144)	(\$144)	(\$144)	(\$144)	(\$144)
9	Net Federal Income Tax Allowance	Lns (7 + 8)	\$65	\$431	\$404	\$361	\$320	\$279	\$238	\$198
10	Return on Equity Rate Base	Sch. 5, Ln. 3	\$176	\$1,130	\$1,080	\$1,000	\$922	\$846	\$771	\$697
11	Equity AFUDC Depreciation	Sch. 6, Ln. 4	\$1	\$8	\$8	\$8	\$8	\$8	\$8	\$8
12	Net Federal Income Tax Allowance	Ln. 9	\$65	\$431	\$404	\$361	\$320	\$279	\$238	\$198
13	State Taxable Income	Sum Lns. (10 - 12)	\$241	\$1,569	\$1,492	\$1,369	\$1,250	\$1,133	\$1,017	\$902
14	Net to Tax Multiplier, State Taxes Rate	Ln13/(1.0-Input Ln13)	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%
15	State Income Tax Allowance	Ln. (13 * 14)	\$25	\$163	\$155	\$142	\$130	\$118	\$106	\$94
16	Total Income Tax Allowance	Ln. (9 + 15)	\$90	\$594	\$559	\$503	\$449	\$396	\$344	\$291

**OLIKTOK PIPELINE COMPANY**  
Income Tax Allowance  
For the period from 1995 through 2007

Line No.	Description	Source	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	Return on Equity Rate Base	Sch. 5, Ln. 3	\$622	\$547	\$473	\$399	\$325	\$270	\$203	\$298	\$0	\$0	\$0
2	Equity AFUDC Depreciation	Sch. 6, Ln. 4	\$8	\$8	\$8	\$8	\$8	\$8	\$8	\$4	\$4	\$4	\$4
3	Depreciation of TEFRA Adjustment	Sch. 9, Ln. 4	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$38	\$38	\$38	\$38
4	Depreciation of FAS 71 Adjustment	Sch. 11, Ln. 20	(\$144)	(\$144)	(\$144)	(\$144)	(\$144)	(\$144)	(\$144)	(\$72)	(\$72)	(\$72)	(\$72)
5	Federal Taxable Income	Sum Lns. (1 - 4)	\$561	\$486	\$412	\$338	\$263	\$209	\$142	\$267	(\$31)	\$3,408	\$3,408
6	Net to Tax Multiplier, Federal Taxes	Ln.14/(1.0-Input L	53.85%	53.85%	53.85%	53.85%	53.85%	53.85%	53.85%	53.85%	0.00%	0.00%	0.00%
7	Federal Income Tax Allowance	Ln. (5 * 6)	\$302	\$262	\$222	\$182	\$142	\$112	\$76	\$144	\$0	\$0	\$0
8	Depreciation of FAS 71 Adjustment	Sch. 11, Ln. 20	(\$144)	(\$144)	(\$144)	(\$144)	(\$144)	(\$144)	(\$144)	(\$72)	(\$72)	(\$72)	(\$72)
9	Net Federal Income Tax Allowance	Lns (7 + 8)	\$158	\$118	\$78	\$38	(\$2)	(\$32)	(\$68)	\$72	(\$72)	(\$72)	(\$72)
10	Return on Equity Rate Base	Sch. 5, Ln. 3	\$622	\$547	\$473	\$399	\$325	\$270	\$203	\$298	\$0	\$0	\$0
11	Equity AFUDC Depreciation	Sch. 6, Ln. 4	\$8	\$8	\$8	\$8	\$8	\$8	\$8	\$4	\$4	\$4	\$4
12	Net Federal Income Tax Allowance	Ln. 9	\$158	\$118	\$78	\$38	(\$2)	(\$32)	(\$68)	\$72	(\$72)	(\$72)	(\$72)
13	State Taxable Income	Sum Lns. (10 - 12)	\$787	\$673	\$558	\$444	\$330	\$246	\$143	\$373	(\$68)	\$3,370	\$3,370
14	Net to Tax Multiplier, State Taxes Rate	Ln.13/(1.0-Input L	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	10.38%	0.00%	0.00%	0.00%
15	State Income Tax Allowance	Ln. (13 * 14)	\$82	\$70	\$58	\$46	\$34	\$25	\$15	\$39	\$0	\$0	\$0
16	Total Income Tax Allowance	Ln. (9 + 15)	\$239	\$187	\$135	\$84	\$32	(\$6)	(\$53)	\$110	(\$72)	\$3,366	\$3,366

**OLIKTOK PIPELINE COMPANY**  
 Accumulated Deferred Income Taxes  
 For the period from 1995 through 2007

Schedule 11

Line No.	Description	Source	1995	1996	1997	1998	1999	2000	2001	2002
State Book Deductions:										
1	Total Book Depreciation Including AF L'n.4 +Sch. 6 Lns.(4 + 9)		\$285	\$1,742	\$1,742	\$1,742	\$1,742	\$1,742	\$1,742	\$1,742
2	Less: Equity AFUDC Depreciation	Sch. 6, L'n. 4	\$1	\$8	\$8	\$8	\$8	\$8	\$8	\$8
3	Net Book Depreciation Subject to State and Federal Timing Differences	L'n. (1 - 2)	\$284	\$1,734	\$1,734	\$1,734	\$1,734	\$1,734	\$1,734	\$1,734
4	Total State Tax Depreciation	Sch. 12, L'n. 20	\$63	\$410	\$375	\$352	\$330	\$307	\$284	\$262
5	State Depreciation Pre '94 assets	Input L'n. 32	\$966	\$783	\$591	\$405	\$216	\$30	\$22	\$14
6	State Tax Timing Differences	L'n. (4 + 5) - 3)	\$745	(\$542)	(\$768)	(\$977)	(\$1,189)	(\$1,397)	(\$1,428)	(\$1,458)
7	State Tax Effect	n. 6 * Input L'n. 13	\$70	(\$51)	(\$72)	(\$92)	(\$112)	(\$131)	(\$134)	(\$137)
8	State ADIT Balance	Cumulative L'n. 7	\$2,074	\$2,023	\$1,951	\$1,859	\$1,747	\$1,616	\$1,482	\$1,345
Federal Book Deductions:										
9	Book Depreciation	Line 3	\$284	\$1,734	\$1,734	\$1,734	\$1,734	\$1,734	\$1,734	\$1,734
10	Less: Depreciation of TEFRA Adjustn	Sch. 9, L'n. 4	\$13	\$75	\$75	\$75	\$75	\$75	\$75	\$75
11	Net Book Depreciation Subject to State and Federal Timing Differences	L'n. (9 - 10)	\$272	\$1,659	\$1,659	\$1,659	\$1,659	\$1,659	\$1,659	\$1,659
12	Federal Tax Depreciation	Sch. 12, L'n. 40	\$158	\$349	\$314	\$283	\$254	\$229	\$217	\$217
13	Tax Effect of State Timing Differences	Line 7	\$70	(\$51)	(\$72)	(\$92)	(\$112)	(\$131)	(\$134)	(\$137)
14	Total Federal Tax Deductions	L'n. (12 - 13)	\$88	\$400	\$386	\$375	\$366	\$360	\$351	\$354
15	Federal Depreciation Pre '94 assets	Input L'n. 34	\$101	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	Federal Tax Timing Differences	n. (14 + 15) - 11)	(\$83)	(\$1,259)	(\$1,272)	(\$1,284)	(\$1,292)	(\$1,299)	(\$1,308)	(\$1,305)
17	Federal Tax Effect	n. 16 * Input L'n. 14	(\$29)	(\$441)	(\$445)	(\$449)	(\$452)	(\$455)	(\$458)	(\$457)
18	FASB 96/109 Adjustment	1/	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Basis	L'n. 19 - L'n.20 + 1	\$2,308	\$2,164	\$2,019	\$1,875	\$1,731	\$1,587	\$1,442	\$1,298
20	Depreciation of FASB 96/109 Adjustme	9*Sch.7 L'n2*Input L'n17	\$24	\$144	\$144	\$144	\$144	\$144	\$144	\$144
21	Federal ADIT Balance	ulative (L'n.17 - L	\$9,640	\$9,055	\$8,465	\$7,872	\$7,275	\$6,676	\$6,075	\$5,474
22	Total State And Federal ADIT Balances	L'n. (8 + 21)	\$11,714	\$11,078	\$10,416	\$9,731	\$9,022	\$8,292	\$7,556	\$6,818

1/ When tax rate changes, cumulative L'n. 16 \* change in tax rate

Line No.	Description	Source	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
State Book Deductions:													
1	Total Book Depreciation Including AF Ln. 4 + Sch. 6 Lns. (		\$1,742	\$1,742	\$1,742	\$1,742	\$1,742	\$1,818	\$1,818	\$2,259	\$2,259	\$2,259	\$2,259
2	Less: Equity AFUDC Depreciation	Sch. 6, Ln. 4	\$8	\$8	\$8	\$8	\$8	\$8	\$8	\$4	\$4	\$4	\$4
3	Net Book Depreciation Subject to State and Federal Timing Differences	Ln. (1 - 2)	\$1,734	\$1,734	\$1,734	\$1,734	\$1,734	\$1,810	\$1,810	\$2,255	\$2,255	\$2,255	\$2,255
4	Total State Tax Depreciation	Sch. 12, Ln. 20	\$239	\$217	\$194	\$158	\$135	\$144	\$119	\$645	\$543	\$508	\$473
5	State Depreciation Pre '94 assets	Input Ln. 32	\$7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	State Tax Timing Differences	Ln. (4 + 5) - 3)	(\$1,488)	(\$1,517)	(\$1,540)	(\$1,576)	(\$1,599)	(\$1,666)	(\$1,691)	(\$1,609)	(\$1,712)	(\$1,747)	(\$1,782)
7	State Tax Effect	n. 6 * Input Ln. 12	(\$140)	(\$143)	(\$145)	(\$148)	(\$150)	(\$157)	(\$159)	(\$151)	\$0	\$0	\$0
8	State ADIT Balance	Cumulative Ln. 7	\$1,205	\$1,062	\$917	\$769	\$619	\$462	\$304	\$152	\$152	\$152	\$152
Federal Book Deductions:													
9	Book Depreciation	Line 3	\$1,734	\$1,734	\$1,734	\$1,734	\$1,734	\$1,810	\$1,810	\$2,255	\$2,255	\$2,255	\$2,255
10	Less: Depreciation of TEFRA Adjustm	Sch. 9, Ln. 4	\$75	\$75	\$75	\$75	\$75	\$75	\$75	\$38	\$38	\$38	\$38
11	Net Book Depreciation Subject to State and Federal Timing Differences	Ln. (9 - 10)	\$1,659	\$1,659	\$1,659	\$1,659	\$1,659	\$1,735	\$1,735	\$2,217	\$2,217	\$2,217	\$2,217
12	Federal Tax Depreciation	Sch. 12, Ln. 40	\$217	\$217	\$217	\$217	\$217	\$243	\$240	\$592	\$434	\$392	\$354
13	Tax Effect of State Timing Differences	Line 7	(\$140)	(\$143)	(\$145)	(\$148)	(\$150)	(\$157)	(\$159)	(\$151)	\$0	\$0	\$0
14	Total Federal Tax Deductions	Ln. (12 - 13)	\$357	\$360	\$362	\$365	\$367	\$400	\$399	\$743	\$434	\$392	\$354
15	Federal Depreciation Pre '94 assets	Input Ln. 34	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	Federal Tax Timing Differences	n. (14 + 15) - 11)	(\$1,302)	(\$1,299)	(\$1,297)	(\$1,294)	(\$1,291)	(\$1,335)	(\$1,335)	(\$1,474)	(\$1,783)	(\$1,825)	(\$1,863)
17	Federal Tax Effect	n. 16 * Input Ln. 1	(\$456)	(\$455)	(\$454)	(\$453)	(\$452)	(\$467)	(\$467)	(\$516)	\$0	\$0	\$0
18	FASB 96/109 Adjustment	1/	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$6,876)	\$0	\$0
19	Basis	Ln. 19 - Ln. 20 + 1	\$1,154	\$1,010	\$865	\$721	\$577	\$433	\$288	\$216	(\$6,732)	(\$3,366)	\$0
20	Depreciation of FASB 96/109 Adjustm	9*Sch. 7 Ln. 2*Input	\$144	\$144	\$144	\$144	\$144	\$144	\$144	\$72	\$72	(\$3,366)	(\$3,366)
21	Federal ADIT Balance	ulative ( Ln. 17 - L	\$4,874	\$4,275	\$3,677	\$3,080	\$2,483	\$1,872	\$1,260	\$672	\$600	\$3,966	\$7,332
22	Total State And Federal ADIT Balances	Ln. (8 + 21)	\$6,079	\$5,337	\$4,594	\$3,849	\$3,102	\$2,334	\$1,564	\$824	\$752	\$4,118	\$7,484

1/ When tax rate changes, cumulative Ln. 16 \* change in tax r.

**OLIKTOK PIPELINE COMPANY**

Calculation of Federal and State Tax Depreciation

For the period from 1995 through 2007

Line No.	Description	Source	1995	1996	1997	1998	1999	2000	2001	2002
1	State Tax Depreciation Factor	Input Line 5								
2	Tax Basis for State Tax Depreciation	Line 23 + Sch. 14 Ln. 14	\$3,163	\$511	\$0	\$0	\$0	\$0	\$0	\$0
3	Depreciation - 1995 Assets	Vintage Ln. (1 * 2)	\$63	\$353	\$323	\$303	\$284	\$264	\$245	\$225
4	Depreciation - 1996 Assets	Vintage Ln. (1 * 2)		\$57	\$52	\$49	\$46	\$43	\$40	\$36
5	Depreciation - 1997 Assets	Vintage Ln. (1 * 2)			\$0	\$0	\$0	\$0	\$0	\$0
6	Depreciation - 1998 Assets	Vintage Ln. (1 * 2)				\$0	\$0	\$0	\$0	\$0
7	Depreciation - 1999 Assets	Vintage Ln. (1 * 2)					\$0	\$0	\$0	\$0
8	Depreciation - 2000 Assets	Vintage Ln. (1 * 2)						\$0	\$0	\$0
9	Depreciation - 2001 Assets	Vintage Ln. (1 * 2)							\$0	\$0
10	Depreciation - 2002 Assets	Vintage Ln. (1 * 2)								\$0
11	Depreciation - 2003 Assets	Vintage Ln. (1 * 2)								\$0
12	Depreciation - 2004 Assets	Vintage Ln. (1 * 2)								\$0
13	Depreciation - 2005 Assets	Vintage Ln. (1 * 2)								\$0
14	Depreciation - 2006 Assets	Vintage Ln. (1 * 2)								\$0
15	Depreciation - 2007 Assets	Vintage Ln. (1 * 2)								\$0
16	Depreciation - 2008 Assets	Vintage Ln. (1 * 2)								\$0
17	Depreciation - 2009 Assets	Vintage Ln. (1 * 2)								\$0
18	Depreciation - 2010 Assets	Vintage Ln. (1 * 2)								\$0
19	Depreciation - 2011 Assets	Vintage Ln. (1 * 2)								\$0
20	Total State Tax Depreciation	Sum Lns (3 - 19)	\$63	\$410	\$375	\$352	\$330	\$307	\$284	\$262
			5.00%	9.50%	8.55%	7.70%	6.93%	6.22%	5.90%	5.90%
21	Federal Tax Depreciation Factor-MACF	Input Ln. 6								
22	Tax Basis for Federal Tax Depreciation	Ln. 2	\$3,163	\$511	\$0	\$0	\$0	\$0	\$0	\$0
23	Depreciation - 1995 Assets	Intage Ln. (21 * 22)	\$158	\$301	\$270	\$243	\$219	\$197	\$187	\$187
24	Depreciation - 1996 Assets	Intage Ln. (21 * 22)		\$49	\$44	\$39	\$35	\$32	\$30	\$30
25	Depreciation - 1997 Assets	Intage Ln. (21 * 22)			\$0	\$0	\$0	\$0	\$0	\$0
26	Depreciation - 1998 Assets	Intage Ln. (21 * 22)				\$0	\$0	\$0	\$0	\$0
27	Depreciation - 1999 Assets	Intage Ln. (21 * 22)					\$0	\$0	\$0	\$0
28	Depreciation - 2000 Assets	Intage Ln. (21 * 22)						\$0	\$0	\$0
29	Depreciation - 2001 Assets	Intage Ln. (21 * 22)							\$0	\$0
30	Depreciation - 2002 Assets	Intage Ln. (21 * 22)								\$0
31	Depreciation - 2003 Assets	Intage Ln. (21 * 22)								\$0
32	Depreciation - 2004 Assets	Intage Ln. (21 * 22)								\$0
33	Depreciation - 2005 Assets	Intage Ln. (21 * 22)								\$0
34	Depreciation - 2006 Assets	Intage Ln. (21 * 22)								\$0
35	Depreciation - 2007 Assets	Intage Ln. (21 * 22)								\$0
36	Depreciation - 2008 Assets	Intage Ln. (21 * 22)								\$0
37	Depreciation - 2009 Assets	Intage Ln. (21 * 22)								\$0
38	Depreciation - 2010 Assets	Intage Ln. (21 * 22)								\$0
39	Depreciation - 2011 Assets	Intage Ln. (21 * 22)								\$0
40	Total Federal Tax Depreciation	Sum Lns (23 - 39)	\$158	\$349	\$314	\$283	\$254	\$229	\$217	\$217

Line No.	Description	Source	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1	State Tax Depreciation Factor	Input Line 5	6.51%	5.90%	5.28%	4.30%	3.68%	3.07%	2.46%	1.84%	0.00%	0.00%	0.00%
2	Tax Basis for State Tax Depreciation	Line 23 + Seb. 141	\$0	\$0	\$0	\$0	\$0	\$303	\$0	\$5,400	\$0	\$0	\$0
3	Depreciation - 1995 Assets	Vintage Ln. (1 * 2)	\$206	\$187	\$167	\$136	\$117	\$97	\$78	\$58	\$0	\$0	\$0
4	Depreciation - 1996 Assets	Vintage Ln. (1 * 2)	\$33	\$30	\$27	\$22	\$19	\$16	\$13	\$9	\$0	\$0	\$0
5	Depreciation - 1997 Assets	Vintage Ln. (1 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Depreciation - 1998 Assets	Vintage Ln. (1 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	Depreciation - 1999 Assets	Vintage Ln. (1 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	Depreciation - 2000 Assets	Vintage Ln. (1 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Depreciation - 2001 Assets	Vintage Ln. (1 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Depreciation - 2002 Assets	Vintage Ln. (1 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11	Depreciation - 2003 Assets	Vintage Ln. (1 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12	Depreciation - 2004 Assets	Vintage Ln. (1 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Depreciation - 2005 Assets	Vintage Ln. (1 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14	Depreciation - 2006 Assets	Vintage Ln. (1 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Depreciation - 2007 Assets	Vintage Ln. (1 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	Depreciation - 2008 Assets	Vintage Ln. (1 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17	Depreciation - 2009 Assets	Vintage Ln. (1 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	Depreciation - 2010 Assets	Vintage Ln. (1 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Depreciation - 2011 Assets	Vintage Ln. (1 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20	Total State Tax Depreciation	Sum Lns (3 - 19)	\$239	\$217	\$194	\$158	\$135	\$144	\$119	\$645	\$543	\$508	\$473
21	Federal Tax Depreciation Factor-MACR	Input Ln. 6	5.90%	5.90%	5.90%	5.90%	5.90%	5.90%	5.90%	2.96%	0.00%	0.00%	0.00%
22	Tax Basis for Federal Tax Depreciation	Ln. 2	\$0	\$0	\$0	\$0	\$0	\$303	\$0	\$5,400	\$0	\$0	\$0
23	Depreciation - 1995 Assets	intage Ln. (21 * 2)	\$187	\$187	\$187	\$187	\$187	\$187	\$187	\$94	\$0	\$0	\$0
24	Depreciation - 1996 Assets	intage Ln. (21 * 2)	\$30	\$30	\$30	\$30	\$30	\$30	\$30	\$15	\$0	\$0	\$0
25	Depreciation - 1997 Assets	intage Ln. (21 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
26	Depreciation - 1998 Assets	intage Ln. (21 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27	Depreciation - 1999 Assets	intage Ln. (21 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28	Depreciation - 2000 Assets	intage Ln. (21 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
29	Depreciation - 2001 Assets	intage Ln. (21 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30	Depreciation - 2002 Assets	intage Ln. (21 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
31	Depreciation - 2003 Assets	intage Ln. (21 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
32	Depreciation - 2004 Assets	intage Ln. (21 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33	Depreciation - 2005 Assets	intage Ln. (21 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34	Depreciation - 2006 Assets	intage Ln. (21 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
35	Depreciation - 2007 Assets	intage Ln. (21 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36	Depreciation - 2008 Assets	intage Ln. (21 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
37	Depreciation - 2009 Assets	intage Ln. (21 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
38	Depreciation - 2010 Assets	intage Ln. (21 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
39	Depreciation - 2011 Assets	intage Ln. (21 * 2)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
40	Total Federal Tax Depreciation	Sum Lns (23 - 39)	\$217	\$217	\$217	\$217	\$217	\$243	\$240	\$592	\$434	\$392	\$354

**OLKOTOK PIPELINE COMPANY**  
Determination of Net Carryover  
For the period from 1995 through 2007

Schedule 13

Line No.	Description	Source	1995	1996	1997	1998	1999	2000	2001	2002
1	Revenues Collected	Input Ln. 18	\$36	\$4,117	\$6,168	\$6,522	\$5,276	\$6,190	\$4,200	\$5,992
2	Revenue Requirement	Sch. 1, Ln. 10	\$693	\$6,065	\$7,568	\$7,043	\$6,228	\$6,062	\$5,020	\$5,896
3	Under (Over) Collection	Lns (2 - 1)	\$656	\$1,947	\$1,400	\$521	\$952	(\$128)	\$820	(\$96)
4	Interest Rate	Input Ln. 19	5.74%	5.56%	5.68%	5.68%	5.56%	5.56%	5.56%	5.56%
5	Interest on Over(under) Collection	Lns (3 * 4)	\$38	\$108	\$80	\$30	\$53	(\$7)	\$46	(\$5)
6	Net Carryover	Lns (3 + 5)	\$694	\$2,055	\$1,480	\$551	\$1,005	(\$135)	\$866	(\$101)

**OLJKTOK PIPELINE COMPANY**  
Determination of Net Carryover  
For the period from 1995 through 2007

Schedule 13

Schedule 13  
Page 2 of 2

Line No. Description	Source	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
1 Revenues Collected	Input Ln. 18	\$5,009	\$4,477	\$2,422	\$6,485	\$6,178	\$5,319	\$8,106	\$0	\$0	\$0	\$0
2 Revenue Requirement	Sch. 1, Ln. 10	\$4,522	\$4,595	\$5,166	\$8,506	\$8,661	\$9,267	\$9,717	\$0	\$0	\$0	\$0
3 Under (Over) Collection	Lns (2 - 1)	(\$487)	\$118	\$2,744	\$2,021	\$2,483	\$3,947	\$1,611	\$0	\$0	\$0	\$0
4 Interest Rate	Input Ln. 19	5.56%	5.56%	5.56%	5.56%	5.56%	3.74%	1.09%	0.00%	0.00%	0.00%	0.00%
5 Interest on Over(under) Collection	Lns (3 * 4)	(\$27)	\$7	\$153	\$112	\$138	\$148	\$18	\$0	\$0	\$0	\$0
6 Net Carryover	Lns (3 + 5)	(\$514)	\$125	\$2,897	\$2,133	\$2,621	\$4,095	\$1,628	\$0	\$0	\$0	\$0

## OLJIKTOK PIPELINE COMPANY

## Calculation of AFUDC

For the Period from October 1994 through October 1995

(000's)

Line

No. Description	Source	4Q 1994	1Q 1995	2Q 1995	3Q 1995	4Q 1995	1996	1997	1998	1999
1 Property Additions	Input Ln. 22	\$578	\$123	(\$183)	\$706	\$1,084	\$28	\$0	\$0	\$0
2 Beginning of the Quarter Balance	Prior Ln. 5	\$0	\$578	\$702	\$519	\$1,005	(\$805)	(\$1,266)	(\$1,266)	(\$1,266)
3 End of the Quarter Balance	Ln. 1 + Ln. 2	\$578	\$702	\$519	\$1,225	\$2,089	(\$777)	(\$1,266)	(\$1,266)	(\$1,266)
4 Transfer from CWIP	Input Ln. 23	\$0	\$0	\$0	\$219	\$2,894	\$489	\$0	\$0	\$0
5 End of Period CWIP	Ln. 3 - Ln. 4	\$578	\$702	\$519	\$1,005	(\$805)	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)
6 Equity Capital Structure	Input Ln. 7	46.6%	46.6%	46.6%	46.6%	46.6%	46.6%	46.6%	46.6%	46.6%
7 Debt Capital Structure	Input Ln. 8	53.4%	53.4%	53.4%	53.4%	53.4%	53.4%	53.4%	53.4%	53.4%
8 Equity Rate of Return	Input Ln. 9	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%
9 Debt Rate of Return	Input Ln. 10	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%
Debt Portion of Property - Including IDC										
10 Beginning Balance	Prior Ln. 16	\$0	\$312	\$385	\$294	\$537	(\$436)	(\$743)	(\$803)	(\$868)
11 Additions	Ln. 1 * Ln. 7	\$309	\$66	(\$97)	\$377	\$579	\$15	\$0	\$0	\$0
12 Interest Rate	Ln. 9 \1	2.02%	2.02%	2.02%	2.02%	2.02%	8.09%	8.09%	8.09%	8.09%
13 Interest	0 + 0.5*Ln.11) * J	\$3.1	\$7.0	\$6.8	\$9.8	\$16.7	(\$34.7)	(\$60.1)	(\$65.0)	(\$70.2)
14 Transfers-IDC	Ln. 13 (for 3C	\$0	\$0	\$0	\$27	\$23	\$22	\$0	\$0	\$0
15 Transfers-Property	Ln. 11 (for 3C	\$0	\$0	\$0	\$117	\$1,546	\$265	\$0	\$0	\$0
16 Ending Balance	s (10+11+13-14-1	\$312	\$385	\$294	\$537	(\$436)	(\$743)	(\$803)	(\$868)	(\$938)
Equity Portion of Property - Including AFUDC										
17 Beginning Balance	Prior Ln. 23	\$0	\$275	\$344	\$271	\$468	(\$386)	(\$706)	(\$819)	(\$949)
18 Additions	Ln. 1 * Ln. 6	\$269	\$58	(\$85)	\$329	\$505	\$13	\$0	\$0	\$0
19 Interest Rate	Ln. 8 \1	3.98%	3.98%	3.98%	3.98%	3.98%	15.90%	15.90%	15.90%	15.90%
20 Interest	7 + 0.5*Ln. 18) *	\$5.4	\$12.1	\$12.0	\$17.3	\$28.7	(\$60.4)	(\$112.3)	(\$130.2)	(\$150.9)
21 Transfers-Equity AFUDC	Ln. 20 (for 3C	\$0	\$0	\$0	\$47	\$40	\$38	\$0	\$0	\$0
22 Transfers-Property	Ln. 18 (for 3C	\$0	\$0	\$0	\$102	\$1,349	\$235	\$0	\$0	\$0
23 Ending Balance	s (17+18+20-21-2	\$275	\$344	\$271	\$468	(\$386)	(\$706)	(\$819)	(\$949)	(\$1,100)

\1 Quarterly Interest Through 1995, annual thereafter

Calculation of AFUDC

For the Period from October 1994 through October 1995

(000's)

Line No.	Description	Source	2000	2001	2002	2003	2004	2005	2006	2007	2008
1	Property Additions	Input Ln. 22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$303
2	Beginning of the Quarter Balance	Prior Ln. 5	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)
3	End of the Quarter Balance	Ln. 1 + Ln. 2	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)	(\$963)
4	Transfer from CWIP	Input Ln.23	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$303
5	End of Period CWIP	Ln. 3 - Ln. 4	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)	(\$1,266)
6	Equity Capital Structure	Input Ln. 7	46.6%	46.6%	46.6%	46.6%	46.6%	46.6%	46.6%	46.6%	0.0%
7	Debt Capital Structure	Input Ln. 8	53.4%	53.4%	53.4%	53.4%	53.4%	53.4%	53.4%	53.4%	0.0%
8	Equity Rate of Return	Input Ln. 9	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	0.00%
9	Debt Rate of Return	Input Ln. 10	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	0.00%
Debt Portion of Property - Including IDC											
10	Beginning Balance	Prior Ln. 16	(\$938)	(\$1,014)	(\$1,097)	(\$1,185)	(\$1,281)	(\$1,385)	(\$1,497)	(\$1,618)	(\$1,749)
11	Additions	Ln. 1 * Ln. 7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12	Interest Rate	Ln. 9 * 1	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	8.09%	0.00%
13	Interest	0 + 0.5*Ln.11) * 1	(\$75.9)	(\$82.1)	(\$88.7)	(\$95.9)	(\$103.7)	(\$112.1)	(\$121.1)	(\$130.9)	\$0.0
14	Transfers-IDC	Ln. 13 (for 3C	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	Transfers-Property	Ln. 11 (for 3A	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$550
16	Ending Balance	s (10+11+13+14-1	(\$1,014)	(\$1,097)	(\$1,185)	(\$1,281)	(\$1,385)	(\$1,497)	(\$1,618)	(\$1,749)	(\$2,299)
Equity Portion of Property - Including AFUDC											
17	Beginning Balance	Prior Ln. 23	(\$1,100)	(\$1,274)	(\$1,477)	(\$1,713)	(\$1,985)	(\$2,301)	(\$2,666)	(\$3,090)	(\$3,582)
18	Additions	Ln. 1 * Ln. 6	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19	Interest Rate	Ln. 8 * 1	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	15.90%	0.00%
20	Interest	7 + 0.5*Ln. 18) *	(\$174.8)	(\$202.6)	(\$234.9)	(\$272.3)	(\$315.6)	(\$365.8)	(\$423.9)	(\$491.4)	\$0.0
21	Transfers- Equity AFUDC	Ln.20 (for 3C	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
22	Transfers-Property	Ln.18 (for 3C	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,126
23	Ending Balance	s (17+18+20-21+2	(\$1,274)	(\$1,477)	(\$1,713)	(\$1,985)	(\$2,301)	(\$2,666)	(\$3,090)	(\$3,582)	(\$4,708)

1 Quarterly Interest Through 1995, annual thereafter



