

ALASKA LEGISLATURE SPECIAL COMMITTEE/SUBJECT FILES 8672

2407 SCOMM 101 LONG RANGE FINANCIAL PLANNING COMMISSION, 1995 701

CASE 12, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

2 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994	\$13,311	MM									
Permanent Fund: Sustainable Long-Term Real Earnings Rate	3.00%										
Other Cash Reserves at Start of FY98 to Put into Perm. Fund	\$0										
Drawdown Limited under Transition Rule? 1=Y, 0=N	0										
FY 1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	
Limit											
FY 2009	2010										
Limit											

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N	1										
What %-age of Fund's Real Earnings Goes for PFDs?	52.50%										
Will PFDs be Capped? 1=Y, 0=N	0			If so, what?	\$200	(nominal) per capita					

Population

Population as of 1/1/95 (mid-point of FY 1995)	611,089	<==Avg. of Ak. DOL estimates as of 7/1/94 and 7/1/95									
Population Rate of Increase/(Decrease)	1.59%										

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N	0										
State Income Tax Rates	1	times old rates									
Real Inc. Tax Collected/Yr per Capita @ Old Rates	\$809	SOURCE: See calc. below==>	\$494.62	MM/yr (real)							
State Sales Tax Adopted? 1=Y, 0=N	0										
State Sales Tax Rate	0.00%										
Real Sales Tax Collected/Yr per Capita @ Given Rate	\$0	SOURCE: ALRFFC Prelim.Rpt.	\$58.00	MM/yr (real) for 1% tax							
What, if anything, is "Other"?											

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12	\$1,267	FY 1996 Actual=====	\$774	MM (real)							
Growth in Real Per Capita Education OpEx	0.00%										
Floor on Real Education OpEx Per Capita? 1=Y, 0=N	0	If so, what?	\$1,000	(real) per capita							
FY 95 Real Per Capita State OpEx - Non-Education	\$3,063	Based on FY 1996 TOTAL==>	\$1,872	MM (real) (fig. incl. K-12 grants)							
Growth in Real Per Capita Non-Education OpEx	0.00%										
Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N	0	If so, what?	\$2,000	(real) per capita							
Real Per Capita State CapEx	\$245		\$150	MM/Yr (real)							
Growth in Real Per Capita CapEx	0.00%										
Floor on Real CapEx Per Capita? 1=Y, 0=N	0	If so, what?	(real) per capita								

Natural Gas Pipeline Built? 1=Y, 0=N

Pipeline Cost	\$15	billion (real)									
Completion Date: Choices are 2000, 2003, 2005, 2008	2005										
Peak Population Effect during Construction	40,000										
%-age of Construction Population Staying Long-Term	15%	DOR "low"	30%	DOR "mid"	40%	DOR "high"					
Wellhead Gas Price	\$1.00	/Mcf (real)									

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Fed'l Adj. Gross Income (\$MM)	AK. Exempt'ns & Ded'ns (\$MM)	AK. Taxable Income (\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
\$30,000—49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
TOTAL	352,739								494.62

CASE 12, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.88	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	11.94	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	232.32	242.16	246.28
2001	51.27	72.28	105.85	234.43	241.75	242.42
2002	49.35	67.55	99.61	236.57	241.32	238.62
2003	46.56	63.05	92.18	238.40	240.90	234.73
2004	43.02	58.75	87.33	240.24	240.48	230.89
2005	40.44	56.18	81.39	242.10	240.06	227.13
2006	37.14	52.98	76.44	243.97	239.64	223.42
2007	33.18	49.92	70.55	245.86	239.22	219.77
2008	30.14	47.00	65.03	247.76	238.80	216.18
2009	27.98	43.54	60.43	249.67	238.39	212.65
2010	26.63	40.25	56.11	251.60	237.98	209.18
	23.89	37.12	52.56	253.55	237.56	205.76
	21.95	35.37	48.25	255.51	237.15	202.40

CASE 12, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp. Inc. Tax Adj'd If Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	253.05	272.74	291.28	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	260.64	280.93	300.02	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	268.46	289.35	309.02	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	276.52	298.03	318.29	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	284.81	306.98	327.84	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	293.35	316.19	337.68	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	723,286
2004	46.00	72.00	119.00	302.16	325.67	347.81	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	772,286
2005	42.00	70.00	115.00	311.22	335.44	358.24	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	824,565
2006	39.00	68.00	111.00	320.56	345.50	368.99	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	860,876
2007	37.00	65.00	108.00	330.17	355.87	380.06	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	891,044
2008	36.00	62.00	105.00	340.08	366.55	391.46	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	917,212
2009	33.00	59.00	103.00	350.28	377.54	403.21	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	943,987
2010	31.00	58.00	99.00	360.79	388.87	415.30	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	971,381

CASE 12, CREMO PLAN ANALYSIS

NOMINAL \$

999,408

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				219.54	219.54	219.54	30.90	41.20	51.50	253.05	272.74	291.28
1999				206.97	206.97	206.97	31.83	42.44	53.05	260.64	280.93	300.02
2000				193.32	193.32	193.32	32.78	43.71	54.64	268.46	289.35	309.02
2001				178.17	178.17	178.17	33.76	45.02	56.28	276.52	298.03	318.29
2002				161.44	161.44	161.44	34.77	46.37	57.97	284.81	306.98	327.84
2003				142.46	142.46	142.46	35.81	47.76	59.71	293.35	316.19	337.68
2004				120.78	120.78	120.78	36.88	49.19	61.50	302.16	325.67	347.81
2005				95.91	95.91	95.91	37.99	50.67	63.35	311.22	335.44	358.24
2006				67.52	67.52	67.52	39.13	52.19	65.25	320.56	345.50	368.99
2007				35.16	35.16	35.16	40.30	53.76	67.21	330.17	355.87	380.06
2008				0.00	0.00	0.00	41.51	55.37	69.23	340.08	366.55	391.46
2009				0.00	0.00	0.00	42.76	57.03	71.31	350.28	377.54	403.21
2010				0.00	0.00	0.00	44.04	58.74	73.45	360.79	388.87	415.30

Year	GAS PIPELINE				Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	23,200	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	16,480	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	12,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	12,191	294.00	23,200	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	12,385	282.00	16,480	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	12,582	270.00	12,000	294.00	23,200	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	12,782	258.00	12,191	282.00	16,480	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	12,985	246.00	12,385	270.00	12,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	13,191	234.00	12,582	258.00	12,191	294.00	23,200
13	186.00	91.25	30.34	307.59	2010	186.00	13,401	222.00	12,782	246.00	12,385	282.00	16,480
14	174.00	91.25	27.95	293.20	2011	174.00	13,614	210.00	12,985	234.00	12,582	270.00	12,000
15	162.00	91.25	25.55	278.80	2012	162.00	13,830	198.00	13,191	222.00	12,782	258.00	12,191
16	150.00	91.25	23.15	264.40	2013	150.00	14,050	186.00	13,401	210.00	12,985	246.00	12,385
17	138.00	91.25	20.76	250.01	2014	138.00	14,273	174.00	13,614	198.00	13,191	234.00	12,582
18	126.00	91.25	18.36	235.61									

CASE 13, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,939.33	418.32	818.19	13.52	0.00	695.39	41.82	114.54	13.40	0.00	0.00	0.00	1,696.86
1999	14,367.11	431.69	841.76	12.45	0.00	670.52	37.17	108.43	13.40	0.00	0.00	0.00	1,683.73
2000	14,843.61	446.14	831.16	11.47	0.00	656.27	33.28	101.33	13.40	0.00	0.00	0.00	1,646.91
2001	15,345.07	461.26	807.73	10.56	0.00	649.71	29.58	94.57	13.40	0.00	0.00	0.00	1,605.55
2002	15,866.92	476.41	776.10	9.72	0.00	625.53	26.48	88.13	0.00	0.00	0.00	0.00	1,525.96
2003	16,370.41	490.32	746.79	8.95	0.00	596.69	23.69	84.28	0.00	0.00	0.00	0.00	1,460.39
2004	16,807.59	502.32	721.12	8.24	0.00	572.48	21.05	79.47	0.00	0.00	0.00	0.00	1,402.36
2005	17,182.55	512.41	693.26	7.59	0.00	545.50	18.76	74.88	0.00	0.00	0.00	0.00	1,339.99
2006	17,490.43	520.10	653.79	6.98	0.00	502.21	16.66	70.50	0.00	0.00	0.00	0.00	1,250.14
2007	17,702.85	525.04	617.29	6.43	0.00	462.55	14.80	65.31	0.00	0.00	0.00	0.00	1,166.40
2008	17,825.15	528.16	623.52	5.92	0.00	436.16	13.24	60.38	0.00	0.00	0.00	0.00	1,139.22
2009	17,913.99	529.62	589.02	5.45	0.00	404.91	11.77	55.69	0.00	0.00	0.00	0.00	1,066.83
2010	17,923.51	528.77	554.64	5.02	0.00	374.92	10.37	53.06	0.00	0.00	0.00	0.00	998.01

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non- Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %-age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	260.45	44.39	925.12	0.00	0.00	1,229.96	811.51	1,736.31	219.54	150.00	2,917.36	1,687.40	12.11%
1999	260.01	43.03	952.10	0.00	0.00	1,255.14	824.41	1,693.36	226.28	150.00	2,894.05	1,638.91	11.41%
2000	259.54	41.70	979.94	0.00	0.00	1,281.19	837.52	1,651.47	233.79	150.00	2,872.78	1,591.59	10.72%
2001	259.09	40.41	1,008.68	0.00	0.00	1,308.18	850.84	1,610.62	241.68	150.00	2,853.14	1,544.96	10.07%
2002	258.65	39.17	1,038.34	0.00	0.00	1,336.16	864.37	1,570.78	249.90	150.00	2,835.05	1,498.89	9.45%
2003	258.19	37.96	1,068.95	0.00	0.00	1,365.10	878.11	1,592.68	257.83	150.00	2,878.62	1,513.52	9.25%
2004	257.74	36.79	1,100.54	0.00	0.00	1,395.07	892.07	1,618.00	264.72	150.00	2,924.79	1,529.73	9.10%
2005	257.29	35.66	1,133.14	0.00	0.00	1,426.09	906.26	1,643.73	270.63	150.00	2,970.61	1,544.52	8.99%
2006	256.84	34.56	1,166.79	0.00	0.00	1,458.19	920.67	1,669.87	275.47	150.00	3,016.01	1,557.82	8.91%
2007	256.40	33.49	1,201.51	0.00	0.00	1,491.40	935.30	1,696.42	278.82	150.00	3,060.54	1,569.14	8.86%
2008	255.95	32.46	1,237.35	0.00	0.00	1,525.76	950.18	1,723.39	280.75	150.00	3,104.31	1,578.55	8.86%
2009	255.50	31.46	1,274.34	0.00	0.00	1,561.30	965.28	1,750.79	282.15	150.00	3,148.22	1,586.92	8.86%
2010	255.06	30.49	1,312.52	0.00	0.00	1,598.06	980.63	1,778.63	282.30	150.00	3,191.56	1,593.50	8.89%

CASE 13, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

2 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994

\$13,311 MM

Permanent Fund: Sustainable Long-Term Real Earnings Rate

3.00%

Other Cash Reserves at Start of FY98 to Put into Perm. Fund

\$0

Drawdown Limited under Transition Rule? 1=Y, 0=N

0

	FY 1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
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Limit

	FY 2009	2010
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Limit

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N

1

What %age of Fund's Real Earnings Goes for PFDs?

52.50%

Will PFDs be Capped? 1=Y, 0=N

0

If so, what?

\$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995)

611,089 <==Avg. of Ak. DOL estimates as of 7/1/94 and 7/1/95

Population Rate of Increase/(Decrease)

1.59%

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N

1

State Income Tax Rates

1.5 times old rates

Real Inc. Tax Collected/Yr per Capita @ Old Rates

\$809 SOURCE: See calc. below==> \$494.62 MM/yr (real)

State Sales Tax Adopted? 1=Y, 0=N

0

State Sales Tax Rate

0.00%

Real Sales Tax Collected/Yr per Capita @ Given Rate

\$0 SOURCE: ALRFPC Prelim.Rpt. \$58.00 MM/yr (real) for 1% tax

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12

\$1,267 FY 1996 Actual==> \$774 MM (real)

Growth in Real Per Capita Education OpEx

0.00%

Floor on Real Education OpEx Per Capita? 1=Y, 0=N

0

If so, what?

\$1,000 (real) per capita

FY 95 Real Per Capita State OpEx - Non-Education

\$3,063 Based on FY 1996 TOTAL==> \$1,872 MM (real) (fig. incl. K-12 grants)

Growth in Real Per Capita Non-Education OpEx

-4.00%

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N

1

If so, what?

\$2,297 (real) per capita

Real Per Capita State CapEx

\$245

\$150 MM/Yr (real)

Growth in Real Per Capita CapEx

0.00%

Floor on Real CapEx Per Capita? 1=Y, 0=N

0

If so, what?

(real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

0

Pipeline Cost

\$15 billion (real)

Completion Date: Choices are 2000, 2003, 2005, 2008

2005

Peak Population Effect during Construction

40,000

%age of Construction Population Staying Long-Term

15% DOR "low"

30% DOR "mid"

40% DOR "high"

Wellhead Gas Price

\$1.00 /Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Fed'l Adj. Gross Income (\$MM)	AK. Exempt'ns & Ded'ns (\$MM)	AK. Taxable Income (\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
\$30,000—49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
TOTAL	352,739								494.62

CASE 13, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	246.50	260.45	268.06
2001	51.27	72.28	105.85	248.75	260.01	263.86
2002	49.35	67.55	99.61	251.01	259.54	259.72
2003	46.56	63.05	92.18	252.96	259.09	255.48
2004	43.02	58.75	87.33	254.91	258.65	251.31
2005	40.44	56.18	81.39	256.87	258.19	247.21
2006	37.14	52.98	76.44	258.86	257.74	243.17
2007	33.18	49.92	70.55	260.86	257.29	239.20
2008	30.14	47.00	65.03	262.88	256.84	235.29
2009	27.98	43.54	60.43	264.91	256.40	231.45
2010	26.63	40.25	56.11	266.96	255.95	227.67
	23.89	37.12	52.56	269.02	255.50	223.96
	21.95	35.37	48.25	271.10	255.06	220.30

CASE 13, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp. Inc. Tax Adj'd If Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	268.50	293.34	317.03	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	276.56	302.15	326.55	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	284.85	311.21	336.34	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	293.40	320.54	346.43	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	302.20	330.17	356.83	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	311.26	340.07	367.54	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,286
2004	46.00	72.00	119.00	320.60	350.27	378.56	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	704,309
2005	42.00	70.00	115.00	330.22	360.78	389.92	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	340.13	371.60	401.62	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	350.32	382.75	413.67	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	360.84	394.24	426.08	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	371.66	406.06	438.87	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	382.81	418.24	452.03	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 13, CREMO PLAN ANALYSIS

NOMINAL \$

786,539

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				219.54	219.54	219.54	30.90	41.20	51.50	253.05	272.74	291.28
1999				226.28	226.28	226.28	31.83	42.44	53.05	260.64	280.93	300.02
2000				233.79	233.79	233.79	32.78	43.71	54.64	268.46	289.35	309.02
2001				241.68	241.68	241.68	33.76	45.02	56.28	276.52	298.03	318.29
2002				249.90	249.90	249.90	34.77	46.37	57.97	284.81	306.98	327.84
2003				257.83	257.83	257.83	35.81	47.76	59.71	293.35	316.19	337.68
2004				264.72	264.72	264.72	36.88	49.19	61.50	302.16	325.67	347.81
2005				270.63	270.63	270.63	37.99	50.67	63.35	311.22	335.44	358.24
2006				275.47	275.47	275.47	39.13	52.19	65.25	320.56	345.50	368.99
2007				278.82	278.82	278.82	40.30	53.76	67.21	330.17	355.87	380.06
2008				280.75	280.75	280.75	41.51	55.37	69.23	340.08	366.55	391.46
2009				282.15	282.15	282.15	42.76	57.03	71.31	350.28	377.54	403.21
2010				282.30	282.30	282.30	44.04	58.74	73.45	360.79	388.87	415.30

GAS PIPELINE					Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
Year	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	23,200	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	16,480	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	12,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	12,191	294.00	23,200	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	12,385	282.00	16,480	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	12,582	270.00	12,000	294.00	23,200	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	12,782	258.00	12,191	282.00	16,480	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	12,985	246.00	12,385	270.00	12,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	13,191	234.00	12,582	258.00	12,191	294.00	23,200
13	186.00	91.25	30.34	307.59	2010	186.00	13,401	222.00	12,782	246.00	12,385	282.00	16,480
14	174.00	91.25	27.95	293.20	2011	174.00	13,614	210.00	12,985	234.00	12,582	270.00	12,000
15	162.00	91.25	25.55	278.80	2012	162.00	13,830	198.00	13,191	222.00	12,782	258.00	12,191
16	150.00	91.25	23.15	264.40	2013	150.00	14,050	186.00	13,401	210.00	12,985	246.00	12,385
17	138.00	91.25	20.76	250.01	2014	138.00	14,273	174.00	13,614	198.00	13,191	234.00	12,582
18	126.00	91.25	18.36	235.61									

CASE 13H, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,985.70	424.21	946.22	12.88	0.00	807.30	39.82	172.49	13.40	0.00	0.00	0.00	1,992.11
1999	14,719.39	447.41	1,003.01	11.69	0.00	809.89	34.91	158.78	13.40	0.00	0.00	0.00	2,031.67
2000	15,555.22	473.80	1,050.11	10.62	0.00	827.80	30.81	149.42	13.40	0.00	0.00	0.00	2,082.16
2001	16,505.48	503.02	1,059.37	9.63	0.00	846.53	26.99	138.27	13.40	0.00	0.00	0.00	2,094.20
2002	17,532.31	533.15	1,032.35	8.74	0.00	819.16	23.81	131.00	0.00	0.00	0.00	0.00	2,015.06
2003	18,544.10	562.06	1,007.03	7.93	0.00	787.49	20.99	122.08	0.00	0.00	0.00	0.00	1,945.52
2004	19,488.60	588.90	979.08	7.19	0.00	754.70	18.37	114.66	0.00	0.00	0.00	0.00	1,874.01
2005	20,360.33	613.42	944.30	6.53	0.00	718.86	16.13	105.82	0.00	0.00	0.00	0.00	1,791.64
2006	21,147.74	634.97	894.50	5.92	0.00	665.78	14.12	97.55	0.00	0.00	0.00	0.00	1,677.87
2007	21,818.33	653.08	840.90	5.37	0.00	617.42	12.37	90.64	0.00	0.00	0.00	0.00	1,566.70
2008	22,373.70	668.01	793.08	4.87	0.00	577.74	10.90	84.16	0.00	0.00	0.00	0.00	1,470.75
2009	22,828.25	679.87	739.80	4.42	0.00	537.46	9.54	78.84	0.00	0.00	0.00	0.00	1,370.06
2010	23,176.39	688.68	691.85	4.01	0.00	500.13	8.29	72.37	0.00	0.00	0.00	0.00	1,276.65

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non- Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %-age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	268.06	42.28	925.12	0.00	0.00	1,235.46	811.51	1,736.31	220.27	150.00	2,918.09	1,682.63	12.03%
1999	263.86	40.40	952.10	0.00	0.00	1,256.36	824.41	1,693.36	231.83	150.00	2,899.60	1,643.24	11.16%
2000	259.72	38.61	979.94	0.00	0.00	1,278.28	837.52	1,651.47	244.99	150.00	2,883.98	1,605.71	10.32%
2001	255.48	36.87	1,008.68	0.00	0.00	1,301.03	850.84	1,610.62	259.96	150.00	2,871.42	1,570.39	9.51%
2002	251.31	35.21	1,038.34	0.00	0.00	1,324.86	864.37	1,570.78	276.13	150.00	2,861.28	1,536.42	8.76%
2003	247.21	33.63	1,068.95	0.00	0.00	1,349.79	878.11	1,592.68	292.07	150.00	2,912.86	1,563.07	8.43%
2004	243.17	32.12	1,100.54	0.00	0.00	1,375.83	892.07	1,618.00	306.95	150.00	2,967.02	1,591.19	8.16%
2005	239.20	30.67	1,133.14	0.00	0.00	1,403.01	906.26	1,643.73	320.68	150.00	3,020.66	1,617.65	7.95%
2006	235.29	29.29	1,166.79	0.00	0.00	1,431.37	920.67	1,669.87	333.08	150.00	3,073.61	1,642.24	7.77%
2007	231.45	27.98	1,201.51	0.00	0.00	1,460.95	935.30	1,696.42	343.64	150.00	3,125.36	1,664.41	7.63%
2008	227.67	26.72	1,237.35	0.00	0.00	1,491.75	950.18	1,723.39	352.39	150.00	3,175.95	1,684.21	7.53%
2009	223.96	25.52	1,274.34	0.00	0.00	1,523.82	965.28	1,750.79	359.54	150.00	3,225.62	1,701.80	7.45%
2010	220.30	24.37	1,312.52	0.00	0.00	1,557.18	980.63	1,778.63	365.03	150.00	3,274.29	1,717.11	7.41%

CASE 13H, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

3 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994

\$13,311 MM

Permanent Fund: Sustainable Long-Term Real Earnings Rate

3.00%

Other Cash Reserves at Start of FY98 to Put into Perm. Fund

\$0

Drawdown Limited under Transition Rule? 1=Y, 0=N

0

	FY 1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
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Limit

FY	2009	2010
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Limit

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N

1

What %-age of Fund's Real Earnings Goes for PFDs?

52.50%

Will PFDs be Capped? 1=Y, 0=N

0

If so, what?

\$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995)

611,089 <==Avg. of Ak. DOL estimates as of 7/1/94 and 7/1/95

Population Rate of Increase/(Decrease)

1.59%

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N

1

State Income Tax Rates

1.5 times old rates

Real Inc. Tax Collected/Yr per Capita @ Old Rates

\$809

SOURCE: See calc. below==>

\$494.62 MM/yr (real)

State Sales Tax Adopted? 1=Y, 0=N

0

State Sales Tax Rate

0.00%

Real Sales Tax Collected/Yr per Capita @ Given Rate

\$0

SOURCE: ALRFPD Prelim.Rpt.

\$58.00 MM/yr (real) for 1% tax

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12

\$1,267

FY 1996 Actual=====>

\$774 MM (real)

Growth in Real Per Capita Education OpEx

0.00%

Floor on Real Education OpEx Per Capita? 1=Y, 0=N

0

If so, what?

\$1,000 (real) per capita

FY 95 Real Per Capita State OpEx - Non-Education

\$3,063

Based on FY 1996 TOTAL==>

\$1,872 MM (real) (fig. Incl. K-12 grants)

Growth in Real Per Capita Non-Education OpEx

-4.00%

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N

1

If so, what?

\$2,297 (real) per capita

Real Per Capita State CapEx

\$245

\$150 MM/Yr (real)

Growth in Real Per Capita CapEx

0.00%

Floor on Real CapEx Per Capita? 1=Y, 0=N

0

If so, what?

(real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

0

Pipeline Cost

\$15 billion (real)

Completion Date: Choices are 2000, 2003, 2005, 2008

2005

Peak Population Effect during Construction

40,000

%-age of Construction Population Staying Long-Term

15%

DOR "low"

30% DOR "mid"

40% DOR "high"

Wellhead Gas Price

\$1.00 /Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket) No. of Returns

Fed'l Adj.Gross AK. Exempt'ns

AK. Taxable

Avg. Taxable

Single Filers

Joint Filers

Head of House

Total Tax

Income (\$MM) & Ded'ns(\$MM)

Income(\$MM)

Inc./Return

44%

49%

7%

(\$MM)

\$0—\$29,999 233,370

1,805.39 1,133.05

672.34

\$2,881

9.33

3.02

1.48

13.83

\$30,000—49,999 52,100

2,051.28 675.21

1,376.07

26,412

40.37

31.88

5.67

77.92

\$50,000—\$74,999 37,460

2,288.19 615.69

1,672.50

44,648

60.73

50.32

8.12

119.17

\$75,000 and up 29,809

3,602.09 650.52

2,951.57

99,016

139.85

123.96

19.89

283.70

TOTAL 352,739

494.62

CASE 13H, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	246.50	260.45	268.06
2001	51.27	72.28	105.85	248.75	260.01	263.86
2002	49.35	67.55	99.61	251.01	259.54	259.72
2003	46.56	63.05	92.18	252.96	259.09	255.48
2004	43.02	58.75	87.33	254.91	258.65	251.31
2005	40.44	56.18	81.39	256.87	258.19	247.21
2006	37.14	52.98	76.44	258.86	257.74	243.17
2007	33.18	49.92	70.55	260.86	257.29	239.20
2008	30.14	47.00	65.03	262.88	256.84	235.29
2009	27.98	43.54	60.43	264.91	256.40	231.45
2010	26.63	40.25	56.11	266.96	255.95	227.67
	23.89	37.12	52.56	269.02	255.50	223.96
	21.95	35.37	48.25	271.10	255.06	220.30

CASE 13H, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp.Inc.Tax Adj'd If Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	268.50	293.34	317.03	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	276.56	302.15	326.55	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	284.85	311.21	336.34	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	293.40	320.54	346.43	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	302.20	330.17	356.83	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	311.26	340.07	367.54	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,286
2004	46.00	72.00	119.00	320.60	350.27	378.56	2.21%	3.18%	4.71%	0.80743434	0.73564042	0.64235663	704,309
2005	42.00	70.00	115.00	330.22	360.78	389.92	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	340.13	371.60	401.62	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	350.32	382.75	413.67	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	360.84	394.24	426.08	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	371.66	406.06	438.87	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	382.81	418.24	452.03	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 13H, CREMO PLAN ANALYSIS

NOMINAL \$

786,539

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				220.27	220.27	220.27	30.90	41.20	51.50	253.05	272.74	291.23
1999				231.83	231.83	231.83	31.83	42.44	53.05	260.64	280.93	300.02
2000				244.99	244.99	244.99	32.78	43.71	54.64	268.46	289.35	309.02
2001				259.96	259.96	259.96	33.76	45.02	56.28	276.52	298.03	318.29
2002				276.13	276.13	276.13	34.77	46.37	57.97	284.81	306.98	327.84
2003				292.07	292.07	292.07	35.81	47.76	59.71	293.35	316.19	337.68
2004				306.95	306.95	306.95	36.88	49.19	61.50	302.16	325.67	347.81
2005				320.68	320.68	320.68	37.99	50.67	63.35	311.22	335.44	358.24
2006				333.08	333.08	333.08	39.13	52.19	65.25	320.56	345.50	368.99
2007				343.64	343.64	343.64	40.30	53.76	67.21	330.17	355.87	380.06
2008				352.39	352.39	352.39	41.51	55.37	69.23	340.08	366.55	391.46
2009				359.54	359.54	359.54	42.76	57.03	71.31	350.28	377.54	403.21
2010				365.03	365.03	365.03	44.04	58.74	73.45	360.79	388.87	415.30

GAS PIPELINE						Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
Year	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact		State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000							
2	180.00			180.00	1999	180.00	37,500							
3	270.00	45.63	54.29	369.92	2000	270.00	40,000							
4	294.00	91.25	51.90	437.15	2001	294.00	25,600	90.00	30,000					
5	282.00	91.25	49.50	422.75	2002	282.00	19,840	180.00	37,500					
6	270.00	91.25	47.11	408.36	2003	270.00	16,000	270.00	40,000	90.00	30,000			
7	258.00	91.25	44.71	393.96	2004	258.00	16,254	294.00	25,600	180.00	37,500			
8	246.00	91.25	42.32	379.57	2005	246.00	16,512	282.00	19,840	270.00	40,000			
9	234.00	91.25	39.92	365.17	2006	234.00	16,775	270.00	16,000	294.00	25,600	90.00	30,000	
10	222.00	91.25	37.53	350.78	2007	222.00	17,042	258.00	16,254	282.00	19,840	180.00	37,500	
11	210.00	91.25	35.13	336.38	2008	210.00	17,313	246.00	16,512	270.00	16,000	270.00	40,000	
12	198.00	91.25	32.74	321.99	2009	198.00	17,588	234.00	16,775	258.00	16,254	294.00	25,600	
13	186.00	91.25	30.34	307.59	2010	186.00	17,868	222.00	17,042	246.00	16,512	282.00	19,840	
14	174.00	91.25	27.95	293.20	2011	174.00	18,152	210.00	17,313	234.00	16,775	270.00	16,000	
15	162.00	91.25	25.55	278.80	2012	162.00	18,441	198.00	17,588	222.00	17,042	258.00	16,254	
16	150.00	91.25	23.15	264.40	2013	150.00	18,734	186.00	17,868	210.00	17,313	246.00	16,512	
17	138.00	91.25	20.76	250.01	2014	138.00	19,032	174.00	18,152	198.00	17,588	234.00	16,775	
18	126.00	91.25	18.36	235.61										

CASE 14, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,939.33	419.49	818.19	13.52	0.00	695.39	41.82	114.54	13.40	0.00	0.00	0.00	1,696.86
1999	14,446.24	435.45	841.76	12.45	0.00	670.52	37.17	108.43	13.40	0.00	0.00	0.00	1,683.73
2000	15,019.38	453.03	831.16	11.47	0.00	656.27	33.28	101.33	13.40	0.00	0.00	0.00	1,646.91
2001	15,635.41	471.81	807.73	10.56	0.00	649.71	29.58	94.57	13.40	0.00	0.00	0.00	1,605.55
2002	16,290.21	491.17	776.10	9.72	0.00	625.53	26.48	88.13	0.00	0.00	0.00	0.00	1,525.96
2003	16,945.49	509.84	746.79	8.95	0.00	596.69	23.69	84.28	0.00	0.00	0.00	0.00	1,460.39
2004	17,553.77	527.19	721.12	8.24	0.00	572.48	21.05	79.47	0.00	0.00	0.00	0.00	1,402.36
2005	18,119.61	543.23	693.26	7.59	0.00	545.50	18.76	74.88	0.00	0.00	0.00	0.00	1,339.99
2006	18,638.65	557.46	653.79	6.98	0.00	502.21	16.66	70.50	0.00	0.00	0.00	0.00	1,250.14
2007	19,083.00	569.58	617.29	6.43	0.00	462.55	14.80	65.31	0.00	0.00	0.00	0.00	1,166.40
2008	19,458.52	580.34	623.52	5.92	0.00	436.16	13.24	60.38	0.00	0.00	0.00	0.00	1,139.22
2009	19,811.36	589.71	589.02	5.45	0.00	404.91	11.77	55.69	0.00	0.00	0.00	0.00	1,066.83
2010	20,092.42	597.01	554.64	5.02	0.00	374.92	10.37	53.06	0.00	0.00	0.00	0.00	998.01

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non- Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %-age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	260.45	44.39	925.12	0.00	0.00	1,229.96	733.54	1,736.31	219.54	150.00	2,839.39	1,609.43	11.55%
1999	260.01	43.03	952.10	0.00	0.00	1,255.14	730.30	1,693.36	227.53	150.00	2,801.18	1,546.05	10.70%
2000	259.54	41.70	979.94	0.00	0.00	1,281.19	727.07	1,651.47	236.56	150.00	2,765.10	1,483.91	9.88%
2001	259.09	40.41	1,008.68	0.00	0.00	1,308.18	723.86	1,610.62	246.26	150.00	2,730.74	1,422.55	9.10%
2002	258.65	39.17	1,038.34	0.00	0.00	1,336.16	720.66	1,570.78	256.57	150.00	2,698.01	1,361.86	8.36%
2003	258.19	37.96	1,068.95	0.00	0.00	1,365.10	717.48	1,592.68	266.89	150.00	2,727.05	1,361.95	8.04%
2004	257.74	36.79	1,100.54	0.00	0.00	1,395.07	714.31	1,618.00	276.47	150.00	2,758.79	1,363.72	7.77%
2005	257.29	35.66	1,133.14	0.00	0.00	1,426.09	711.15	1,643.73	285.38	150.00	2,790.27	1,364.18	7.53%
2006	256.84	34.56	1,166.79	0.00	0.00	1,458.19	708.01	1,669.87	293.56	150.00	2,821.44	1,363.25	7.31%
2007	256.40	33.49	1,201.51	0.00	0.00	1,491.40	704.88	1,696.42	300.56	150.00	2,851.86	1,360.46	7.13%
2008	255.95	32.46	1,237.35	0.00	0.00	1,525.76	712.63	1,723.39	306.47	150.00	2,892.49	1,366.73	7.02%
2009	255.50	31.46	1,274.34	0.00	0.00	1,561.30	723.96	1,750.79	312.03	150.00	2,936.78	1,375.48	6.94%
2010	255.06	30.49	1,312.52	0.00	0.00	1,598.06	735.47	1,778.63	316.46	150.00	2,980.56	1,382.50	6.88%

CASE 14, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

2 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994 \$13,311 MM

Permanent Fund: Sustainable Long-Term Real Earnings Rate 3.00%

Other Cash Reserves at Start of FY98 to Put into Perm. Fund \$0

Drawdown Limited under Transition Rule? 1=Y, 0=N 0

FY	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
----	------	------	------	------	------	------	------	------	------	------	------

Limit

FY	2009	2010
----	------	------

Limit

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N 1

What %age of Fund's Real Earnings Goes for PFDs? 52.50%

Will PFDs be Capped? 1=Y, 0=N 0

If so, what? \$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995) 611,089 <==Avg. of Ak. DOL estimates as of 7/1/94 and 7/1/95

Population Rate of Increase/(Decrease) 1.59%

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N 1

State Income Tax Rates 1.5 times old rates

Real Inc. Tax Collected/Yr per Capita @ Old Rates \$809 SOURCE: Sae calc. below==> \$494.62 MM/yr (real)

State Sales Tax Adopted? 1=Y, 0=N 0

State Sales Tax Rate 0.00%

Real Sales Tax Collected/Yr per Capita @ Given Rate \$0 SOURCE: ALRFPC Prelim.Rpt. \$58.00 MM/yr (real) for 1% tax

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12 \$1,267 FY 1996 Actual==> \$774 MM (real)

Growth in Real Per Capita Education OpEx -2.00%

Floor on Real Education OpEx Per Capita? 1=Y, 0=N 1 If so, what? \$950 (real) per capita

FY 95 Real Per Capita State OpEx - Non-Education \$3,063 Based on FY 1996 TOTAL==> \$1,872 MM (real) (fig. Incl. K-12 grants)

Growth in Real Per Capita Non-Education OpEx -4.00%

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N 1 If so, what? \$2,297 (real) per capita

Real Per Capita State CapEx \$245 \$150 MM/Yr (real)

Growth in Real Per Capita CapEx 0.00%

Floor on Real CapEx Per Capita? 1=Y, 0=N 0 If so, what? (real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

Pipeline Cost \$15 billion (real)

Completion Date: Choices are 2000, 2003, 2005, 2008 2005

Peak Population Effect during Construction 40,000

%age of Construction Population Staying Long-Term 15% DOR "low" 30% DOR "mid" 40% DOR "high"

Wellhead Gas Price \$1.00 /Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Fed'l Adj. Gross Income (\$MM)	AK. Exempt'ns & Ded'ns (\$MM)	AK. Taxable Income (\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
\$30,000—49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
TOTAL	352,739								494.62

CASE 14, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	3.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	246.50	260.45	268.06
2001	51.27	72.28	105.85	248.75	260.01	263.86
2002	49.35	67.55	99.61	251.01	259.54	259.72
2003	46.56	63.05	92.18	252.96	259.09	255.48
2004	43.02	58.75	87.33	254.91	258.65	251.31
2005	40.44	56.18	81.39	256.87	258.19	247.21
2006	37.14	52.98	76.44	258.86	257.74	243.17
2007	33.18	49.92	70.55	260.86	257.29	239.20
2008	30.14	47.00	65.03	262.88	256.84	235.29
2009	27.98	43.54	60.43	264.91	256.40	231.45
2010	26.63	40.25	56.11	266.96	255.95	227.67
	23.89	37.12	52.56	269.02	255.50	223.96
	21.95	35.37	48.25	271.10	255.06	220.30

CASE 14, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Si		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp. Inc. Tax Adj'd If Rate $\neq$ One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	268.50	293.34	317.03	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	276.56	302.15	326.55	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	284.85	311.21	336.34	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	293.40	320.54	346.43	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	302.20	330.17	356.83	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	311.26	340.07	367.54	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,286
2004	46.00	72.00	119.00	320.60	350.27	378.56	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	704,309
2005	42.00	70.00	115.00	330.22	360.78	389.92	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	340.13	371.60	401.62	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	350.32	382.75	413.67	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	360.84	394.24	426.08	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	371.66	406.06	438.87	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	382.81	418.24	452.03	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 14, CREMO PLAN ANALYSIS

NOMINAL \$

786,539

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no ad) for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				219.54	219.54	219.54	30.90	41.20	51.50	253.05	272.74	291.28
1999				227.53	227.53	227.53	31.83	42.44	53.05	260.64	280.93	300.02
2000				236.56	236.56	236.56	32.78	43.71	54.64	268.46	289.35	309.02
2001				246.26	246.26	246.26	33.76	45.02	56.28	276.52	298.03	318.29
2002				256.57	256.57	256.57	34.77	46.37	57.97	284.81	306.98	327.84
2003				266.89	266.89	266.89	35.81	47.76	59.71	293.35	316.19	337.68
2004				276.47	276.47	276.47	36.88	49.19	61.50	302.16	325.67	347.81
2005				285.38	285.38	285.38	37.99	50.67	63.35	311.22	335.44	358.24
2006				293.56	293.56	293.56	39.13	52.19	65.25	320.56	345.50	368.99
2007				300.56	300.56	300.56	40.30	53.76	67.21	330.17	355.87	380.06
2008				306.47	306.47	306.47	41.51	55.37	69.23	340.08	366.55	391.46
2009				312.03	312.03	312.03	42.76	57.03	71.31	350.28	377.54	403.21
2010				316.46	316.46	316.46	44.04	58.74	73.45	360.79	388.87	415.30

GAS PIPELINE					Completion In 2000			Completion In 2003		Completion In 2005		Completion In 2008	
Year	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	23,200	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	16,480	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	12,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	12,191	294.00	23,200	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	12,385	282.00	16,480	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	12,582	270.00	12,000	294.00	23,200	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	12,782	258.00	12,191	282.00	16,480	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	12,985	246.00	12,385	270.00	12,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	13,191	234.00	12,582	258.00	12,191	294.00	23,200
13	186.00	91.25	30.34	307.59	2010	186.00	13,401	222.00	12,782	246.00	12,385	282.00	16,480
14	174.00	91.25	27.95	293.20	2011	174.00	13,614	210.00	12,985	234.00	12,582	270.00	12,000
15	162.00	91.25	25.55	278.80	2012	162.00	13,830	198.00	13,191	222.00	12,782	258.00	12,191
16	150.00	91.25	23.15	264.40	2013	150.00	14,050	186.00	13,401	210.00	12,985	246.00	12,385
17	138.00	91.25	20.76	250.01	2014	138.00	14,273	174.00	13,614	198.00	13,191	234.00	12,582
18	126.00	91.25	18.36	235.61									

CASE 14H, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,985.70	425.38	946.22	12.88	0.00	807.30	39.82	172.49	13.40	0.00	0.00	0.00	1,992.11
1999	14,798.53	451.18	1,003.01	11.69	0.00	809.89	34.91	158.78	13.40	0.00	0.00	0.00	2,031.67
2000	15,731.00	480.69	1,050.11	10.62	0.00	827.80	30.81	149.42	13.40	0.00	0.00	0.00	2,082.16
2001	16,795.82	513.57	1,059.37	9.63	0.00	846.53	26.99	138.27	13.40	0.00	0.00	0.00	2,094.20
2002	17,955.60	547.90	1,032.35	8.74	0.00	819.16	23.81	131.00	0.00	0.00	0.00	0.00	2,015.06
2003	19,119.18	581.59	1,007.03	7.93	0.00	787.49	20.99	122.08	0.00	0.00	0.00	0.00	1,945.52
2004	20,234.78	613.78	979.08	7.19	0.00	754.70	18.37	114.66	0.00	0.00	0.00	0.00	1,874.01
2005	21,297.39	644.24	944.30	6.53	0.00	718.86	16.13	105.82	0.00	0.00	0.00	0.00	1,791.64
2006	22,295.96	672.33	894.50	5.92	0.00	665.78	14.12	97.55	0.00	0.00	0.00	0.00	1,677.87
2007	23,198.49	697.62	840.90	5.37	0.00	617.42	12.37	90.64	0.00	0.00	0.00	0.00	1,566.70
2008	24,007.08	720.19	793.08	4.87	0.00	577.74	10.90	84.16	0.00	0.00	0.00	0.00	1,470.75
2009	24,725.63	739.96	739.80	4.42	0.00	537.46	9.54	78.84	0.00	0.00	0.00	0.00	1,370.06
2010	25,345.29	756.92	691.85	4.01	0.00	500.13	8.29	72.37	0.00	0.00	0.00	0.00	1,276.65

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non- Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %-age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	268.06	42.28	925.12	0.00	0.00	1,235.46	733.54	1,736.31	220.27	150.00	2,840.12	1,804.67	11.47%
1999	263.86	40.40	952.10	0.00	0.00	1,256.36	730.30	1,693.36	233.08	150.00	2,806.73	1,550.38	10.48%
2000	259.72	38.61	979.94	0.00	0.00	1,278.28	727.07	1,651.47	247.76	150.00	2,776.30	1,498.03	9.52%
2001	255.48	36.87	1,008.68	0.00	0.00	1,301.03	723.86	1,610.62	264.53	150.00	2,749.01	1,447.98	8.62%
2002	251.31	35.21	1,038.34	0.00	0.00	1,324.86	720.66	1,570.78	282.80	150.00	2,724.24	1,399.38	7.79%
2003	247.21	33.63	1,068.95	0.00	0.00	1,349.79	717.48	1,592.68	301.13	150.00	2,761.29	1,411.50	7.38%
2004	243.17	32.12	1,100.54	0.00	0.00	1,375.83	714.31	1,618.00	318.70	150.00	2,801.01	1,425.18	7.04%
2005	239.20	30.67	1,133.14	0.00	0.00	1,403.01	711.15	1,643.73	335.43	150.00	2,840.32	1,437.31	6.75%
2006	235.29	29.29	1,166.79	0.00	0.00	1,431.37	708.01	1,669.87	351.16	150.00	2,879.04	1,447.67	6.49%
2007	231.45	27.98	1,201.51	0.00	0.00	1,460.95	704.88	1,696.42	365.38	150.00	2,916.68	1,455.73	6.28%
2008	227.67	26.72	1,237.35	0.00	0.00	1,491.75	712.63	1,723.39	378.11	150.00	2,964.13	1,472.39	6.13%
2009	223.96	25.52	1,274.34	0.00	0.00	1,523.82	723.96	1,750.79	389.43	150.00	3,014.18	1,490.36	6.03%
2010	220.30	24.37	1,312.52	0.00	0.00	1,557.18	735.47	1,778.63	399.19	150.00	3,063.29	1,506.11	5.94%

CASE 14H, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

3 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994

\$13,311 MM

Permanent Fund: Sustainable Long-Term Real Earnings Rate

3.00%

Other Cash Reserves at Start of FY98 to Put into Perm. Fund

\$0

Drawdown Limited under Transition Rule? 1=Y, 0=N

0

FY	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
----	------	------	------	------	------	------	------	------	------	------	------

Limit

FY

2009 2010

Limit

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N

1

What %-age of Fund's Real Earnings Goes for PFDs?

52.50%

Will PFDs be Capped? 1=Y, 0=N

0

If so, what?

\$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995)

611,089 <==Avg. of Ak. DOL estimates as of 7/1/94 and 7/1/95

Population Rate of Increase/(Decrease)

1.59%

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N

1

State Income Tax Rates

1.5 times old rates

Real Inc. Tax Collected/Yr per Capita @ Old Rates

\$809 SOURCE: See calc. below==> \$494.62 MM/yr (real)

State Sales Tax Adopted? 1=Y, 0=N

0

State Sales Tax Rate

0.00%

Real Sales Tax Collected/Yr per Capita @ Given Rate

\$0 SOURCE: ALRFPC Prelim.Rpt. \$58.00 MM/yr (real) for 1% tax

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12

\$1,267 FY 1996 Actual==> \$774 MM (real)

Growth in Real Per Capita Education OpEx

-2.00%

Floor on Real Education OpEx Per Capita? 1=Y, 0=N

1

If so, what?

\$950 (real) per capita

FY 95 Real Per Capita State OpEx - Non-Education

\$3,063 Based on FY 1996 TOTAL==> \$1,872 MM (real) (fig. Incl. K-12 grants)

Growth in Real Per Capita Non-Education OpEx

-4.00%

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N

1

If so, what?

\$2,297 (real) per capita

Real Per Capita State CapEx

\$245

\$150 MM/Yr (real)

Growth in Real Per Capita CapEx

0.00%

Floor on Real CapEx Per Capita? 1=Y, 0=N

0

If so, what?

(real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

0

Pipeline Cost

\$15 billion (real)

Completion Date: Choices are 2000, 2003, 2005, 2008

2005

Peak Population Effect during Construction

40,000

%-age of Construction Population Staying Long-Term

15% DOR "low"

30% DOR "mid"

40% DOR "high"

Wellhead Gas Price

\$1.00 /Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Fed'l Adj. Gross Income (\$MM)	AK. Exempt'ns & Ded'ns (\$MM)	AK. Taxable Income (\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
\$30,000—49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
TOTAL	352,739								494.62

CASE 14H, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	246.50	260.45	268.06
2001	51.27	72.28	105.85	248.75	260.01	263.86
2002	49.35	67.55	99.61	251.01	259.54	259.72
2003	46.56	63.05	92.18	252.96	259.09	255.48
2004	43.02	58.75	87.33	254.91	258.65	251.31
2005	40.44	56.18	81.39	256.87	258.19	247.21
2006	37.14	52.98	76.44	258.86	257.74	243.17
2007	33.18	49.92	70.55	260.86	257.29	239.20
2008	30.14	47.00	65.03	262.88	256.84	235.29
2009	27.98	43.54	60.43	264.91	256.40	231.45
2010	26.63	40.25	56.11	266.96	255.95	227.67
	23.89	37.12	52.56	269.02	255.50	223.96
	21.95	35.37	48.25	271.10	255.06	220.30

CASE 14H, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp.Inc.Tax Adj'd If Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	268.50	293.34	317.03	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	276.56	302.15	326.55	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	284.85	311.21	336.34	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	293.40	320.54	346.43	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	302.20	330.17	356.83	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	311.26	340.07	367.54	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,286
2004	46.00	72.00	119.00	320.60	350.27	378.56	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	704,309
2005	42.00	70.00	115.00	330.22	360.78	389.92	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	340.13	371.60	401.62	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	350.32	382.75	413.67	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	360.84	394.24	426.08	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	371.66	406.06	438.87	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	382.81	418.24	452.03	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 14H, CREMO PLAN ANALYSIS

NOMINAL \$

786,539

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petr. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				220.27	220.27	220.27	30.90	41.20	51.50	253.05	272.74	291.28
1999				233.08	233.08	233.08	31.83	42.44	53.05	260.64	280.93	300.02
2000				247.76	247.76	247.76	32.78	43.71	54.64	268.46	289.35	309.02
2001				264.53	264.53	264.53	33.76	45.02	56.28	276.52	298.03	318.29
2002				282.80	282.80	282.80	34.77	46.37	57.97	284.81	306.98	327.84
2003				301.13	301.13	301.13	35.81	47.76	59.71	293.35	316.19	337.68
2004				318.70	318.70	318.70	36.88	49.19	61.50	302.16	325.67	347.81
2005				335.43	335.43	335.43	37.99	50.67	63.35	311.22	335.44	358.24
2006				351.16	351.16	351.16	39.13	52.19	65.25	320.56	345.50	368.99
2007				365.38	365.38	365.38	40.30	53.76	67.21	330.17	355.87	380.06
2008				378.11	378.11	378.11	41.51	55.37	69.23	340.08	366.55	391.46
2009				389.43	389.43	389.43	42.76	57.03	71.31	350.28	377.54	403.21
2010				399.19	399.19	399.19	44.04	58.74	73.45	360.79	388.87	415.30

GAS PIPELINE					Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
Year	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	25,600	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	19,840	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	16,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	16,254	294.00	25,600	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	16,512	282.00	19,840	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	16,775	270.00	16,000	294.00	25,600	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	17,042	258.00	16,254	282.00	19,840	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	17,313	246.00	16,512	270.00	16,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	17,588	234.00	16,775	258.00	16,254	294.00	25,600
13	186.00	91.25	30.34	307.59	2010	186.00	17,868	222.00	17,042	246.00	16,512	282.00	19,840
14	174.00	91.25	27.95	293.20	2011	174.00	18,152	210.00	17,313	234.00	16,775	270.00	16,000
15	162.00	91.25	25.55	278.80	2012	162.00	18,441	198.00	17,588	222.00	17,042	258.00	16,254
16	150.00	91.25	23.15	264.40	2013	150.00	18,734	186.00	17,868	210.00	17,313	246.00	16,512
17	138.00	91.25	20.76	250.01	2014	138.00	19,032	174.00	18,152	198.00	17,588	234.00	16,775
18	126.00	91.25	18.36	235.61									

CASE 15, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,939.33	408.71	818.19	13.52	0.00	695.39	41.82	76.36	13.40	0.00	0.00	0.00	1,658.68
1999	13,716.57	402.64	841.76	12.45	0.00	670.52	37.17	72.28	13.40	0.00	0.00	0.00	1,647.59
2000	13,528.77	397.25	831.16	11.47	0.00	656.27	33.28	67.55	13.40	0.00	0.00	0.00	1,613.14
2001	13,351.67	392.09	807.73	10.56	0.00	649.71	29.58	63.05	13.40	0.00	0.00	0.00	1,574.02
2002	13,179.75	386.50	776.10	9.72	0.00	625.53	26.48	58.75	0.00	0.00	0.00	0.00	1,496.58
2003	12,973.28	379.15	746.79	8.95	0.00	596.69	23.69	56.18	0.00	0.00	0.00	0.00	1,432.30
2004	12,682.52	369.36	721.12	8.24	0.00	572.48	21.05	52.98	0.00	0.00	0.00	0.00	1,375.87
2005	12,310.91	357.09	693.26	7.59	0.00	545.50	18.76	49.92	0.00	0.00	0.00	0.00	1,315.03
2006	11,852.50	341.83	653.79	6.98	0.00	502.21	16.66	47.00	0.00	0.00	0.00	0.00	1,226.64
2007	11,277.82	323.19	617.29	6.43	0.00	462.55	14.80	43.54	0.00	0.00	0.00	0.00	1,144.62
2008	10,591.36	301.91	623.52	5.92	0.00	436.16	13.24	40.25	0.00	0.00	0.00	0.00	1,119.10
2009	9,837.56	277.88	589.02	5.45	0.00	404.91	11.77	37.12	0.00	0.00	0.00	0.00	1,048.26
2010	8,965.51	250.37	554.64	5.02	0.00	374.92	10.37	35.37	0.00	0.00	0.00	0.00	980.32

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non- Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %-age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	242.16	44.39	0.00	262.70	0.00	549.25	733.54	1,736.31	219.54	150.00	2,839.39	2,290.14	16.43%
1999	241.75	43.03	0.00	266.88	0.00	551.65	730.30	1,693.36	216.04	150.00	2,789.69	2,238.04	16.32%
2000	241.32	41.70	0.00	271.12	0.00	554.14	727.07	1,651.47	213.08	150.00	2,741.62	2,187.48	16.17%
2001	240.90	40.41	0.00	275.43	0.00	556.74	723.86	1,610.62	210.29	150.00	2,694.77	2,138.03	16.01%
2002	240.48	39.17	0.00	279.81	0.00	559.47	720.66	1,570.78	207.58	150.00	2,649.02	2,089.56	15.85%
2003	240.06	37.96	0.00	284.26	0.00	562.29	717.48	1,592.68	204.33	150.00	2,664.49	2,102.20	16.20%
2004	239.64	36.79	0.00	288.78	0.00	565.21	714.31	1,618.00	199.75	150.00	2,682.06	2,116.85	16.69%
2005	239.22	35.66	0.00	293.37	0.00	568.26	711.15	1,643.73	193.90	150.00	2,698.78	2,130.53	17.31%
2006	238.80	34.56	0.00	298.04	0.00	571.40	708.01	1,669.87	186.68	150.00	2,714.56	2,143.16	18.08%
2007	238.39	33.49	0.00	302.78	0.00	574.66	704.88	1,696.42	177.63	150.00	2,728.93	2,154.27	19.10%
2008	237.98	32.46	0.00	307.59	0.00	578.03	712.63	1,723.39	166.81	150.00	2,752.83	2,174.81	20.53%
2009	237.56	31.46	0.00	312.48	0.00	581.50	723.96	1,750.79	154.94	150.00	2,779.70	2,198.20	22.34%
2010	237.15	30.49	0.00	317.45	0.00	585.08	735.47	1,778.63	141.21	150.00	2,805.31	2,220.23	24.76%

CASE 15, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

2 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994 **\$13,311 MM**

Permanent Fund: Sustainable Long-Term Real Earnings Rate **3.00%**

Other Cash Reserves at Start of FY98 to Put into Perm. Fund **\$0**

Drawdown Limited under Transition Rule? 1=Y, 0=N **0**

FY	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
----	------	------	------	------	------	------	------	------	------	------	------

Limit

FY	2009	2010
----	------	------

Limit

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N **1**

What %age of Fund's Real Earnings Goes for PFDs? **52.50%**

Will PFDs be Capped? 1=Y, 0=N **0**

If so, what? **\$200 (nominal) per capita**

Population

Population as of 1/1/95 (mid-point of FY 1995) **611,089** <==Avg. of Ak. DOL estimates as of 7/1/94 and 7/1/95

Population Rate of Increase/(Decrease) **1.59%**

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N **0**

State Income Tax Rates **1 times old rates**

Real Inc. Tax Collected/Yr per Capita @ Old Rates **\$809** SOURCE: See calc. below==> **\$494.62 MM/yr (real)**

State Sales Tax Adopted? 1=Y, 0=N **1**

State Sales Tax Rate **6.00%**

Real Sales Tax Collected/Yr per Capita @ Given Rate **\$410** SOURCE: ALRFPC Prelim.Rpt. **\$58.00 MM/yr (real) for 1% tax**

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12 **\$1,267** FY 1996 Actual==> **\$774 MM (real)**

Growth in Real Per Capita Education OpEx **-2.00%**

Floor on Real Education OpEx Per Capita? 1=Y, 0=N **1** If so, what? **\$950 (real) per capita**

FY 95 Real Per Capita State OpEx - Non-Education **\$3,063** Based on FY 1996 TOTAL==> **\$1,872 MM (real) (fig. incl. K-12 grants)**

Growth in Real Per Capita Non-Education OpEx **-4.00%**

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N **1** If so, what? **\$2,297 (real) per capita**

Real Per Capita State CapEx **\$245** **\$150 MM/Yr (real)**

Growth in Real Per Capita CapEx **0.00%**

Floor on Real CapEx Per Capita? 1=Y, 0=N **0** If so, what? **(real) per capita**

Natural Gas Pipeline Built? 1=Y, 0=N

Pipeline Cost **\$15 billion (real)**

Completion Date: Choices are 2000, 2003, 2005, 2008 **2005**

Peak Population Effect during Construction **40,000**

%age of Construction Population Staying Long-Term **15% DOR "low" 30% DOR "mid" 40% DOR "high"**

Wellhead Gas Price **\$1.00 /Mcf (real)**

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Fed'l Adj. Gross Income (\$MM) & Ded'n's (\$MM)	AK. Exempt'n's (\$MM)	AK. Taxable Income (\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
\$30,000—49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
TOTAL	352,739								494.62

CASE 15, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	716.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	232.32	242.16	246.28
2001	51.27	72.28	105.85	234.43	241.75	242.42
2002	49.35	67.55	99.61	236.57	241.32	238.62
2003	46.56	63.05	92.18	238.40	240.90	234.73
2004	43.02	58.75	87.33	240.24	240.48	230.89
2005	40.44	56.18	81.39	242.10	240.06	227.13
2006	37.14	52.98	76.44	243.97	239.64	223.42
2007	33.18	49.92	70.55	245.86	239.22	219.77
2008	30.14	47.00	65.03	247.76	238.80	216.18
2009	27.98	43.54	60.43	249.67	238.39	212.65
2010	26.63	40.25	56.11	251.60	237.98	209.18
	23.89	37.12	52.56	253.55	237.56	205.76
	21.95	35.37	48.25	255.51	237.15	202.40

CASE 15, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp.Inc.Tax Adj'd If Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	253.05	272.74	291.28	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	260.64	280.93	300.02	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	268.46	289.35	309.02	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	276.52	298.03	318.29	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	284.81	306.98	327.84	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	293.35	316.19	337.68	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,286
2004	46.00	72.00	119.00	302.16	325.67	347.81	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	704,309
2005	42.00	70.00	115.00	311.22	335.44	358.24	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	320.56	345.50	368.99	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	330.17	355.87	380.06	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	340.08	366.55	391.46	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	350.28	377.54	403.21	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	360.79	388.87	415.30	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 15, CREMO PLAN ANALYSIS

NOMINAL \$

786,539

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				219.54	219.54	219.54	30.90	41.20	51.50	253.05	272.74	291.28
1999				216.04	216.04	216.04	31.83	42.44	53.05	260.64	280.93	300.02
2000				213.08	213.08	213.08	32.78	43.71	54.64	268.46	289.35	309.02
2001				210.29	210.29	210.29	33.76	45.02	56.28	276.52	298.03	318.29
2002				207.58	207.58	207.58	34.77	46.37	57.97	284.81	306.98	327.84
2003				204.33	204.33	204.33	35.81	47.76	59.71	293.35	316.19	337.68
2004				199.75	199.75	199.75	36.88	49.19	61.50	302.16	325.67	347.81
2005				193.90	193.90	193.90	37.99	50.67	63.35	311.22	335.44	358.24
2006				186.68	186.68	186.68	39.13	52.19	65.25	320.56	345.50	368.99
2007				177.63	177.63	177.63	40.30	53.76	67.21	330.17	355.87	380.06
2008				166.81	166.81	166.81	41.51	55.37	69.23	340.08	366.55	391.46
2009				154.94	154.94	154.94	42.76	57.03	71.31	350.28	377.54	403.21
2010				141.21	141.21	141.21	44.04	58.74	73.45	360.79	388.87	415.30

GAS PIPELINE					Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
Year	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	23,200	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	16,480	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	12,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	12,191	294.00	23,200	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	12,385	282.00	16,480	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	12,582	270.00	12,000	294.00	23,200	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	12,782	258.00	12,191	282.00	16,480	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	12,985	246.00	12,385	270.00	12,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	13,191	234.00	12,582	258.00	12,191	294.00	23,200
13	186.00	91.25	30.34	307.59	2010	186.00	13,401	222.00	12,782	246.00	12,385	282.00	16,480
14	174.00	91.25	27.95	293.20	2011	174.00	13,614	210.00	12,985	234.00	12,582	270.00	12,000
15	162.00	91.25	25.55	278.80	2012	162.00	13,830	198.00	13,191	222.00	12,782	258.00	12,191
16	150.00	91.25	23.15	264.40	2013	150.00	14,050	186.00	13,401	210.00	12,985	246.00	12,385
17	138.00	91.25	20.76	250.01	2014	138.00	14,273	174.00	13,614	198.00	13,191	234.00	12,582
18	126.00	91.25	18.36	235.61									

CASE 16, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,939.33	408.06	818.19	13.52	0.00	695.39	41.82	76.36	13.40	0.00	0.00	0.00	1,658.68
1999	13,672.77	400.56	841.76	12.45	0.00	670.52	37.17	72.28	13.40	0.00	0.00	0.00	1,647.59
2000	13,432.04	393.48	831.16	11.47	0.00	656.27	33.28	67.55	13.40	0.00	0.00	0.00	1,613.14
2001	13,193.13	386.36	807.73	10.56	0.00	649.71	29.58	63.05	13.40	0.00	0.00	0.00	1,574.02
2002	12,950.34	378.53	776.10	9.72	0.00	625.53	26.48	58.75	0.00	0.00	0.00	0.00	1,496.58
2003	12,663.67	368.66	746.79	8.95	0.00	596.69	23.69	56.18	0.00	0.00	0.00	0.00	1,432.30
2004	12,282.49	356.02	721.12	8.24	0.00	572.48	21.05	52.98	0.00	0.00	0.00	0.00	1,375.87
2005	11,808.51	340.53	693.26	7.59	0.00	545.50	18.76	49.92	0.00	0.00	0.00	0.00	1,315.03
2006	11,234.06	321.60	653.79	6.98	0.00	502.21	16.66	47.00	0.00	0.00	0.00	0.00	1,226.64
2007	10,527.79	298.81	617.29	6.43	0.00	462.55	14.80	43.54	0.00	0.00	0.00	0.00	1,144.62
2008	9,691.81	272.81	623.52	5.92	0.00	436.16	13.24	40.25	0.00	0.00	0.00	0.00	1,119.10
2009	8,768.13	243.43	589.02	5.45	0.00	404.91	11.77	37.12	0.00	0.00	0.00	0.00	1,048.26
2010	7,704.09	209.88	554.64	5.02	0.00	374.92	10.37	35.37	0.00	0.00	0.00	0.00	980.32

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non-Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	242.16	44.39	0.00	0.00	0.00	286.55	733.54	1,736.31	0.00	150.00	2,619.85	2,333.29	16.74%
1999	241.75	43.03	0.00	0.00	0.00	284.78	730.30	1,693.36	0.00	150.00	2,573.66	2,288.88	16.74%
2000	241.32	41.70	0.00	0.00	0.00	283.02	727.07	1,651.47	0.00	150.00	2,528.54	2,245.52	16.72%
2001	240.90	40.41	0.00	0.00	0.00	281.31	723.86	1,610.62	0.00	150.00	2,484.48	2,203.17	16.70%
2002	240.48	39.17	0.00	0.00	0.00	279.65	720.66	1,570.78	0.00	150.00	2,441.44	2,161.79	16.69%
2003	240.06	37.96	0.00	0.00	0.00	278.02	717.48	1,592.68	0.00	150.00	2,460.16	2,182.14	17.23%
2004	239.64	36.79	0.00	0.00	0.00	276.43	714.31	1,618.00	0.00	150.00	2,482.31	2,205.88	17.96%
2005	239.22	35.66	0.00	0.00	0.00	274.88	711.15	1,643.73	0.00	150.00	2,504.89	2,230.00	18.88%
2006	238.80	34.56	0.00	0.00	0.00	273.36	708.01	1,669.87	0.00	150.00	2,527.88	2,254.52	20.07%
2007	238.39	33.49	0.00	0.00	0.00	271.88	704.88	1,696.42	0.00	150.00	2,551.30	2,279.42	21.65%
2008	237.98	32.46	0.00	0.00	0.00	270.44	712.63	1,723.39	0.00	150.00	2,586.02	2,315.58	23.89%
2009	237.56	31.46	0.00	0.00	0.00	269.02	723.96	1,750.79	0.00	150.00	2,624.75	2,355.74	26.87%
2010	237.15	30.49	0.00	0.00	0.00	267.64	735.47	1,778.63	0.00	150.00	2,664.10	2,396.47	31.11%

CASE 16, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

2 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994

\$13,311 MM

Permanent Fund: Sustainable Long-Term Real Earnings Rate

3.00%

Other Cash Reserves at Start of FY98 to Put into Perm. Fund

\$0

Drawdown Limited under Transition Rule? 1=Y, 0=N

0

	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
--	------	------	------	------	------	------	------	------	------	------	------

Limit

FY 2009 2010

Limit

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N

0

What %-age of Fund's Real Earnings Goes for PFDs?

0.00%

Will PFDs be Capped? 1=Y, 0=N

0

If so, what?

\$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995)

611,089 <==Avg. of Ak. DOL estimates as of 7/1/94 and 7/1/95

Population Rate of Increase/(Decrease)

1.59%

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N

0

State Income Tax Rates

1 times old rates

Real Inc. Tax Collected/Yr per Capita @ Old Rates

\$809

SOURCE: See calc. below==>

\$494.62 MM/yr (real)

State Sales Tax Adopted? 1=Y, 0=N

0

State Sales Tax Rate

0.00%

Real Sales Tax Collected/Yr per Capita @ Given Rate

\$0

SOURCE: ALRFPC Prelim.Rpt.

\$58.00 MM/yr (real) for 1% tax

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12

\$1,267

FY 1996 Actual=====>

\$774 MM (real)

Growth in Real Per Capita Education OpEx

-2.00%

Floor on Real Education OpEx Per Capita? 1=Y, 0=N

1

If so, what?

\$950 (real) per capita

FY 95 Real Per Capita State OpEx - Non-Education

\$3,063

Based on FY 1996 TOTAL==>

\$1,872 MM (real) (fig. Incl. K-12 grants)

Growth in Real Per Capita Non-Education OpEx

-4.00%

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N

1

If so, what?

\$2,297 (real) per capita

Real Per Capita State CapEx

\$245

\$150 MM/Yr (real)

Growth in Real Per Capita CapEx

0.00%

Floor on Real CapEx Per Capita? 1=Y, 0=N

0

If so, what?

(real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

0

Pipeline Cost

\$15 billion (real)

Completion Date: Choices are 2000, 2003, 2005, 2008

2005

Peak Population Effect during Construction

40,000

%-age of Construction Population Staying Long-Term

15% DOR "low"

30% DOR "mid"

40% DOR "high"

Wellhead Gas Price

\$1.00 /Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Fed'l Adj. Gross Income (\$MM)	AK. Exempt'n's & Ded'n's (\$MM)	AK. Taxable Income (\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
\$30,000—49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
TOTAL	352,739								494.62

CASE 16, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.56	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	250.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	232.32	242.16	246.28
2001	51.27	72.28	105.85	234.43	241.75	242.42
2002	49.35	67.55	99.61	236.57	241.32	238.62
2003	46.56	63.05	92.18	238.40	240.90	234.73
2004	43.02	58.75	87.33	240.24	240.48	230.89
2005	40.44	56.18	81.39	242.10	240.06	227.13
2006	37.14	52.98	76.44	243.97	239.64	223.42
2007	33.18	49.92	70.55	245.86	239.22	219.77
2008	30.14	47.00	65.03	247.76	238.80	216.18
2009	27.98	43.54	60.43	249.67	238.39	212.65
2010	26.63	40.25	56.11	251.60	237.98	209.18
	23.89	37.12	52.56	253.55	237.56	205.76
	21.95	35.37	48.25	255.51	237.15	202.40

CASE 16, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp.Inc.Tax Adj'd If Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	253.05	272.74	291.28	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	260.64	280.93	300.02	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	268.46	289.35	309.02	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	276.52	298.03	318.29	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	284.81	306.98	327.84	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	293.35	316.19	337.68	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,286
2004	46.00	72.00	119.00	302.16	325.67	347.81	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	704,309
2005	42.00	70.00	115.00	311.22	335.44	358.24	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	320.56	345.50	368.99	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	330.17	355.87	380.06	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	340.08	366.55	391.46	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	350.28	377.54	403.21	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	360.79	388.87	415.30	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 16, CREMO PLAN ANALYSIS

NOMINAL \$

786,539

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				0.00	0.00	0.00	30.90	41.20	51.50	253.05	272.74	291.28
1999				0.00	0.00	0.00	31.83	42.44	53.05	260.64	280.93	300.02
2000				0.00	0.00	0.00	32.78	43.71	54.64	268.46	289.35	309.02
2001				0.00	0.00	0.00	33.76	45.02	56.28	276.52	298.03	318.29
2002				0.00	0.00	0.00	34.77	46.37	57.97	284.81	306.98	327.84
2003				0.00	0.00	0.00	35.81	47.76	59.71	293.35	316.19	337.68
2004				0.00	0.00	0.00	36.88	49.19	61.50	302.16	325.67	347.81
2005				0.00	0.00	0.00	37.99	50.67	63.35	311.22	335.44	358.24
2006				0.00	0.00	0.00	39.13	52.19	65.25	320.56	345.50	368.99
2007				0.00	0.00	0.00	40.30	53.76	67.21	330.17	355.87	380.06
2008				0.00	0.00	0.00	41.51	55.37	69.23	340.08	366.55	391.46
2009				0.00	0.00	0.00	42.76	57.03	71.31	350.28	377.54	403.21
2010				0.00	0.00	0.00	44.04	58.74	73.45	360.79	388.87	415.30

GAS PIPELINE					Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
Year	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	23,200	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	16,480	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	12,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	12,191	294.00	23,200	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	12,385	282.00	16,480	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	12,582	270.00	12,000	294.00	23,200	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	12,782	258.00	12,191	282.00	16,480	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	12,985	246.00	12,385	270.00	12,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	13,191	234.00	12,582	258.00	12,191	294.00	23,200
13	186.00	91.25	30.34	307.59	2010	186.00	13,401	222.00	12,782	246.00	12,385	282.00	16,480
14	174.00	91.25	27.95	293.20	2011	174.00	13,614	210.00	12,985	234.00	12,582	270.00	12,000
15	162.00	91.25	25.55	278.80	2012	162.00	13,830	198.00	13,191	222.00	12,782	258.00	12,191
16	150.00	91.25	23.15	264.40	2013	150.00	14,050	186.00	13,401	210.00	12,985	246.00	12,385
17	138.00	91.25	20.76	250.01	2014	138.00	14,273	174.00	13,614	198.00	13,191	234.00	12,582
18	126.00	91.25	18.36	235.61									

CASE 17, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,939.33	404.77	818.19	13.52	0.00	695.39	41.82	76.36	13.40	0.00	0.00	0.00	1,658.68
1999	13,449.93	390.70	841.76	12.45	0.00	670.52	37.17	72.28	13.40	0.00	0.00	0.00	1,647.59
2000	12,987.51	377.07	831.16	11.47	0.00	656.27	33.28	67.55	13.40	0.00	0.00	0.00	1,613.14
2001	12,527.64	363.43	807.73	10.56	0.00	649.71	29.58	63.05	13.40	0.00	0.00	0.00	1,574.02
2002	12,064.61	349.11	776.10	9.72	0.00	625.53	26.48	58.75	0.00	0.00	0.00	0.00	1,496.58
2003	11,558.50	332.63	746.79	8.95	0.00	596.69	23.69	56.18	0.00	90.00	0.00	0.00	1,522.30
2004	10,949.28	312.76	721.12	8.24	0.00	572.48	21.05	52.98	0.00	180.00	0.00	0.00	1,555.87
2005	10,214.48	288.96	693.26	7.59	0.00	545.50	18.76	49.92	0.00	270.00	0.00	0.00	1,585.03
2006	9,338.66	260.37	653.79	6.94	0.00	502.21	16.66	47.00	0.00	294.00	0.00	0.00	1,520.64
2007	8,279.74	226.20	617.29	6.43	0.00	462.55	14.80	43.54	0.00	282.00	0.00	0.00	1,426.62
2008	7,026.50	187.10	623.52	5.92	0.00	436.16	13.24	40.25	0.00	270.00	0.00	0.00	1,389.10
2009	5,634.06	143.09	589.02	5.45	0.00	404.91	11.77	37.12	0.00	258.00	0.00	0.00	1,306.26
2010	4,048.35	93.34	554.64	5.02	0.00	374.92	10.37	35.37	0.00	246.00	0.00	0.00	1,226.32

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non-Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	242.16	44.39	0.00	0.00	0.00	286.55	733.54	1,736.31	219.54	150.00	2,839.39	2,552.84	18.31%
1999	241.75	43.03	0.00	0.00	0.00	284.78	730.30	1,693.36	211.84	150.00	2,785.49	2,500.72	18.59%
2000	241.32	41.70	0.00	0.00	0.00	283.02	727.07	1,651.47	204.55	150.00	2,733.09	2,450.08	18.86%
2001	240.90	40.41	0.00	0.00	0.00	281.31	723.86	1,610.62	197.31	150.00	2,681.79	2,400.48	19.16%
2002	240.48	39.17	0.00	0.00	0.00	279.65	720.66	1,570.78	190.02	150.00	2,631.46	2,351.81	19.49%
2003	240.06	37.96	0.00	0.00	0.00	278.02	748.53	1,661.60	182.05	150.00	2,742.17	2,464.15	21.32%
2004	239.64	36.79	0.00	0.00	0.00	276.43	783.25	1,774.17	172.45	150.00	2,879.87	2,603.44	23.78%
2005	239.22	35.66	0.00	0.00	0.00	274.88	819.55	1,894.27	160.88	150.00	3,024.69	2,749.81	26.92%
2006	238.80	34.56	0.00	0.00	0.00	273.36	838.53	1,977.68	147.08	150.00	3,113.29	2,839.93	30.41%
2007	238.39	33.49	0.00	0.00	0.00	271.88	850.55	2,046.99	130.41	150.00	3,177.95	2,906.07	35.10%
2008	237.98	32.46	0.00	0.00	0.00	270.44	871.30	2,107.10	110.67	150.00	3,239.07	2,968.63	42.25%
2009	237.56	31.46	0.00	0.00	0.00	269.02	396.73	2,168.61	88.74	150.00	3,304.08	3,035.07	53.87%
2010	237.15	30.49	0.00	0.00	0.00	267.64	922.76	2,231.55	63.76	150.00	3,368.06	3,100.43	76.58%

CASE 17, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

2 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994

\$13,311 MM

Permanent Fund: Sustainable Long-Term Real Earnings Rate

3.00%

Other Cash Reserves at Start of FY98 to Put into Perm. Fund

\$0

Drawdown Limited under Transition Rule? 1=Y, 0=N

0

FY	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Limit											
FY	2009	2010									
Limit											

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N

1

What %-age of Fund's Real Earnings Goes for PFDs?

52.50%

Will PFDs be Capped? 1=Y, 0=N

0

If so, what?

\$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995)

611,089 <==Avg. of Ak. DOL estimates as of 7/1/94 and 7/1/95

Population Rate of Increase/(Decrease)

1.59%

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N

0

State Income Tax Rates

1 times old rates

Real Inc. Tax Collected/Yr per Capita @ Old Rates

\$809 SOURCE: See calc. below==> \$494.62 MM/yr (real)

State Sales Tax Adopted? 1=Y, 0=N

0

State Sales Tax Rate

0.00%

Real Sales Tax Collected/Yr per Capita @ Given Rate

\$0 SOURCE: ALRFPC Prelim.Rpt. \$58.00 MM/yr (real) for 1% tax

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12

\$1,267 FY 1996 Actual==> \$774 MM (real)

Growth in Real Per Capita Education OpEx

-2.00%

Floor on Real Education OpEx Per Capita? 1=Y, 0=N

1

If so, what?

\$950 (real) per capita

FY 95 Real Per Capita State OpEx - Non-Education

\$3,063 Based on FY 1996 TOTAL==> \$1,872 MM (real) (fig. Incl. K-12 grants)

Growth in Real Per Capita Non-Education OpEx

-4.00%

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N

1

If so, what?

\$2,297 (real) per capita

Real Per Capita State CapEx

\$245

\$150 MM/Yr (real)

Growth in Real Per Capita CapEx

0.00%

Floor on Real CapEx Per Capita? 1=Y, 0=N

0

If so, what?

(real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

1

Pipeline Cost

\$15 billion (real)

Completion Date: Choices are 2000, 2003, 2005, 2008

2005

Peak Population Effect during Construction

40,000

%-age of Construction Population Staying Long-Term

15% DOR "low"

30% DOR "mid"

40% DOR "high"

Wellhead Gas Price

\$1.00 /Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Fed'l Adj. Gross Income (\$MM)	AK. Exempt'ns & Ded'ns (\$MM)	AK. Taxable Income (\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
\$30,000—49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
TOTAL	352,739								494.62

CASE 17, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Nor-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	232.32	242.16	246.28
2001	51.27	72.28	105.85	234.43	241.75	242.42
2002	49.35	67.55	99.61	236.57	241.32	238.62
2003	46.56	63.05	92.18	238.40	240.90	234.73
2004	43.02	58.75	87.33	240.24	240.48	230.89
2005	40.44	56.18	81.39	242.10	240.06	227.13
2006	37.14	52.98	76.44	243.97	239.64	223.42
2007	33.18	49.92	70.55	245.86	239.22	219.77
2008	30.14	47.00	65.03	247.76	238.80	216.18
2009	27.98	43.54	60.43	249.67	238.39	212.65
2010	26.63	40.25	56.11	251.60	237.98	209.18
	23.89	37.12	52.56	253.55	237.56	205.76
	21.95	35.37	48.25	255.51	237.15	202.40

CASE 17, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp. Inc. Tax Adj'd If Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	253.05	272.74	291.28	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	260.64	280.93	300.02	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	268.46	289.35	309.02	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	276.52	298.03	318.29	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	284.81	306.98	327.84	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	293.35	316.19	337.68	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	723,286
2004	46.00	72.00	119.00	302.16	325.67	347.81	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	772,286
2005	42.00	70.00	115.00	311.22	335.44	358.24	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	824,565
2006	39.00	68.00	111.00	320.56	345.50	368.99	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	860,876
2007	37.00	65.00	108.00	330.17	355.87	380.06	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	891,044
2008	36.00	62.00	105.00	340.08	366.55	391.46	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	917,212
2009	33.00	59.00	103.00	350.28	377.54	403.21	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	943,987
2010	31.00	58.00	99.00	360.79	388.87	415.30	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	971,381

CASE 17, CREMO PLAN ANALYSIS

NOMINAL \$

999,408

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				219.54	219.54	219.54	30.90	41.20	51.50	253.05	272.74	291.28
1999				211.84	211.84	211.84	31.83	42.44	53.05	260.64	280.93	300.02
2000				204.55	204.55	204.55	32.78	43.71	54.64	268.46	289.35	309.02
2001				197.31	197.31	197.31	33.76	45.02	56.28	276.52	298.03	318.29
2002				190.02	190.02	190.02	34.77	46.37	57.97	284.81	306.98	327.84
2003				182.05	182.05	182.05	35.81	47.76	59.71	293.35	316.19	337.68
2004				172.45	172.45	172.45	36.88	49.19	61.50	302.16	325.67	347.81
2005				160.88	160.88	160.88	37.99	50.67	63.35	311.22	335.44	358.24
2006				147.08	147.08	147.08	39.13	52.19	65.25	320.56	345.50	368.99
2007				130.41	130.41	130.41	40.30	53.76	67.21	330.17	355.87	380.06
2008				110.67	110.67	110.67	41.51	55.37	69.23	340.08	366.55	391.46
2009				88.74	88.74	88.74	42.76	57.03	71.31	350.28	377.54	403.21
2010				63.76	63.76	63.76	44.04	58.74	73.45	360.79	388.87	415.30

Year	GAS PIPELINE				Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	23,200	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	16,480	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	12,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	12,191	294.00	23,200	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	12,385	282.00	16,480	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	12,582	270.00	12,000	294.00	23,200	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	12,782	258.00	12,191	282.00	16,480	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	12,985	246.00	12,385	270.00	12,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	13,191	234.00	12,582	258.00	12,191	294.00	23,200
13	186.00	91.25	30.34	307.59	2010	186.00	13,401	222.00	12,782	246.00	12,385	282.00	16,480
14	174.00	91.25	27.95	293.20	2011	174.00	13,614	210.00	12,985	234.00	12,582	270.00	12,000
15	162.00	91.25	25.55	278.80	2012	162.00	13,830	198.00	13,191	222.00	12,782	258.00	12,191
16	150.00	91.25	23.15	264.40	2013	150.00	14,050	186.00	13,401	210.00	12,985	246.00	12,385
17	138.00	91.25	20.76	250.01	2014	138.00	14,273	174.00	13,614	198.00	13,191	234.00	12,582
18	126.00	91.25	18.36	235.61									

CASE 18, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,939.33	418.22	818.19	13.52	0.00	695.39	41.82	114.54	13.40	0.00	0.00	0.00	1,696.86
1999	14,360.34	430.37	841.76	12.45	0.00	670.52	37.17	108.43	13.40	0.00	0.00	0.00	1,683.73
2000	14,761.45	441.57	851.16	11.47	0.00	656.27	33.28	101.33	13.40	0.00	0.00	0.00	1,646.91
2001	15,118.19	451.37	807.73	10.56	0.00	649.71	29.58	94.57	13.40	0.00	0.00	0.00	1,605.55
2002	15,424.84	459.11	776.10	9.71	0.00	625.53	26.48	88.13	0.00	0.00	0.00	0.00	1,525.96
2003	15,641.36	464.35	746.79	8.95	0.00	596.69	23.69	84.28	0.00	0.00	0.00	0.00	1,460.39
2004	15,779.52	467.36	721.12	8.24	0.00	572.48	21.05	79.47	0.00	0.00	0.00	0.00	1,402.36
2005	15,844.90	468.12	693.26	7.59	0.00	545.50	18.76	74.88	0.00	0.00	0.00	0.00	1,339.99
2006	15,831.20	466.10	653.79	6.98	0.00	502.21	16.66	70.50	0.00	0.00	0.00	0.00	1,250.14
2007	15,708.48	460.91	617.29	6.43	0.00	462.55	14.80	65.31	0.00	0.00	0.00	0.00	1,166.40
2008	15,479.99	453.40	623.52	5.92	0.00	436.16	13.24	60.38	0.00	0.00	0.00	0.00	1,139.22
2009	15,200.36	443.69	589.02	5.45	0.00	404.91	11.77	55.69	0.00	0.00	0.00	0.00	1,066.83
2010	14,822.50	431.08	554.64	5.02	0.00	374.92	10.37	53.06	0.00	0.00	0.00	0.00	998.01

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non- Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %-age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	260.45	44.39	925.12	0.00	0.00	1,229.96	811.51	1,962.51	0.00	150.00	2,924.02	1,694.06	12.15%
1999	260.01	43.03	952.10	0.00	0.00	1,255.14	824.41	1,993.72	0.00	150.00	2,968.13	1,712.99	11.93%
2000	259.54	41.70	979.94	0.00	0.00	1,281.19	837.52	2,025.42	0.00	150.00	3,012.94	1,731.75	11.73%
2001	259.09	40.41	1,008.68	0.00	0.00	1,308.18	850.84	2,057.62	0.00	150.00	3,058.46	1,750.28	11.58%
2002	258.65	39.17	1,038.34	0.00	0.00	1,336.16	864.37	2,090.34	0.00	150.00	3,104.70	1,768.55	11.47%
2003	258.19	37.96	1,068.95	0.00	0.00	1,365.10	878.11	2,123.57	0.00	150.00	3,151.68	1,786.58	11.42%
2004	257.74	36.79	1,100.54	0.00	0.00	1,395.07	892.07	2,157.34	0.00	150.00	3,199.41	1,804.34	11.43%
2005	257.29	35.66	1,133.14	0.00	0.00	1,426.09	906.26	2,191.64	0.00	150.00	3,247.90	1,821.80	11.50%
2006	256.84	34.56	1,166.79	0.00	0.00	1,458.19	920.67	2,226.49	0.00	150.00	3,297.16	1,838.97	11.62%
2007	256.40	33.49	1,201.51	0.00	0.00	1,491.40	935.30	2,261.89	0.00	150.00	3,347.19	1,855.79	11.81%
2008	255.95	32.46	1,237.35	0.00	0.00	1,525.76	950.18	2,297.85	0.00	150.00	3,398.03	1,872.26	12.09%
2009	255.50	31.46	1,274.34	0.00	0.00	1,561.30	965.28	2,334.39	0.00	150.00	3,449.67	1,888.37	12.42%
2010	255.06	30.49	1,312.52	0.00	0.00	1,598.06	980.63	2,371.51	0.00	150.00	3,502.14	1,904.08	12.85%

CASE 18, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

2 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994 \$13,311 MM

Permanent Fund: Sustainable Long-Term Real Earnings Rate 3.00%

Other Cash Reserves at Start of FY93 to Put into Perm. Fund \$0

Drawdown Limited under Transition Rule? 1=Y, 0=N 0

FY	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
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Limit

FY	2009	2010
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Limit

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N 0

What %age of Fund's Real Earnings Goes for PFDs? 0.00%

Will PFDs be Capped? 1=Y, 0=N 0 If so, what? \$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995) 611,089 <==Avg. of Ak. DOL estimates as of 7/1/94 and 7/1/95

Population Rate of Increase/(Decrease) 1.59%

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N 1

State Income Tax Rates 1.5 times old rates

Real Inc. Tax Collected/Yr per Capita @ Old Rates \$809 SOURCE: See calc. below==> \$494.62 MM/yr (real)

State Sales Tax Adopted? 1=Y, 0=N 0

State Sales Tax Rate 0.00%

Real Sales Tax Collected/Yr per Capita @ Given Rate \$0 SOURCE: ALRFPCL Prelim.Rpt. \$58.00 MM/yr (real) for 1% tax

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12 \$1,267 FY 1996 Actual==> \$774 MM (real)

Growth in Real Per Capita Education OpEx 0.00%

Floor on Real Education OpEx Per Capita? 1=Y, 0=N 0 If so, what? \$950 (real) per capita

FY 95 Real Per Capita State OpEx - Non-Education \$3,063 Based on FY 1996 TOTAL==> \$1,872 MM (real) (fig. incl. K-12 grants)

Growth in Real Per Capita Non-Education OpEx 0.00%

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N 0 If so, what? \$2,297 (real) per capita

Real Per Capita State CapEx \$245 \$150 MM/Yr (real)

Growth in Real Per Capita CapEx 0.00%

Floor on Real CapEx Per Capita? 1=Y, 0=N 0 If so, what? (real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

Pipeline Cost \$15 million (real)

Completion Date: Choices are 2000, 2003, 2005, 2008 2005

Peak Population Effect during Construction 40,000

%age of Construction Population Staying Long-Term 15% DOR "low" 30% DOR "mid" 40% DOR "high"

Wellhead Gas Price \$1.00 /Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Fed'l Adj. Gross Income (\$MM)	AK. Exempt's & Ded's (\$MM)	AK. Taxable Income (\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
\$30,000—49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
TOTAL	352,739								494.62

CASE 18, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	246.50	260.45	268.06
2001	51.27	72.28	105.85	248.75	260.01	263.86
2002	49.35	67.55	99.61	251.01	259.54	259.72
2003	46.56	63.05	92.18	252.96	259.09	255.48
2004	43.02	58.75	87.33	254.91	258.65	251.31
2005	40.44	56.18	81.39	256.87	258.19	247.21
2006	37.14	52.98	76.44	258.86	257.74	243.17
2007	33.18	49.92	70.55	260.86	257.29	239.20
2008	30.14	47.00	65.03	262.88	256.84	235.29
2009	27.98	43.54	60.43	264.91	256.40	231.45
2010	26.63	40.25	56.11	266.96	255.95	227.67
	23.89	37.12	52.56	269.02	255.50	223.96
	21.95	35.37	48.25	271.10	255.06	220.30

CASE 18, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	770.00	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp. Inc. Tax Adj'd if Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	268.50	293.34	317.03	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	276.56	302.15	326.55	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	284.85	311.21	336.34	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	293.40	320.54	346.43	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	302.20	330.17	356.83	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	311.26	340.07	367.54	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,286
2004	46.00	72.00	119.00	320.60	350.27	378.56	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	704,309
2005	42.00	70.00	115.00	330.22	360.78	389.92	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	340.13	371.60	401.62	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	350.32	382.75	413.67	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	360.84	394.24	426.08	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	371.66	406.06	438.87	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	382.81	418.24	452.03	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 18, CREMO PLAN ANALYSIS

NOMINAL \$

786,539

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				0.00	0.00	0.00	30.90	41.20	51.50	253.05	272.74	291.28
1999				0.00	0.00	0.00	31.83	42.44	53.05	260.64	280.93	300.02
2000				0.00	0.00	0.00	32.78	43.71	54.64	268.46	289.35	309.02
2001				0.00	0.00	0.00	33.76	45.02	56.28	276.52	298.03	318.29
2002				0.00	0.00	0.00	34.77	46.37	57.97	284.81	306.98	327.84
2003				0.00	0.00	0.00	35.81	47.76	59.71	293.35	316.19	337.68
2004				0.00	0.00	0.00	36.88	49.19	61.50	302.16	325.67	347.81
2005				0.00	0.00	0.00	37.99	50.67	63.35	311.22	335.44	358.24
2006				0.00	0.00	0.00	39.13	52.19	65.25	320.56	345.50	368.99
2007				0.00	0.00	0.00	40.30	53.76	67.21	330.17	355.87	380.06
2008				0.00	0.00	0.00	41.51	55.37	69.23	340.08	366.55	391.46
2009				0.00	0.00	0.00	42.76	57.03	71.31	350.28	377.54	403.21
2010				0.00	0.00	0.00	44.04	58.74	73.45	360.79	388.87	415.30

GAS PIPELINE						Completion In 2000			Completion In 2003		Completion In 2005		Completion In 2008	
Year	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact		State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000							
2	180.00			180.00	1999	180.00	37,500							
3	270.00	45.63	54.29	369.92	2000	270.00	40,000							
4	294.00	91.25	51.90	437.15	2001	294.00	23,200	90.00	30,000					
5	282.00	91.25	49.50	422.75	2002	282.00	16,480	180.00	37,500					
6	270.00	91.25	47.11	408.36	2003	270.00	12,000	270.00	40,000	90.00	30,000			
7	258.00	91.25	44.71	393.96	2004	258.00	12,191	294.00	23,200	180.00	37,500			
8	246.00	91.25	42.32	379.57	2005	246.00	12,385	282.00	16,480	270.00	40,000			
9	234.00	91.25	39.92	365.17	2006	234.00	12,582	270.00	12,000	294.00	23,200	90.00	30,000	
10	222.00	91.25	37.53	350.78	2007	222.00	12,782	258.00	12,191	282.00	16,480	180.00	37,500	
11	210.00	91.25	35.13	336.38	2008	210.00	12,985	246.00	12,385	270.00	12,000	270.00	40,000	
12	198.00	91.25	32.74	321.99	2009	198.00	13,191	234.00	12,582	258.00	12,191	294.00	23,200	
13	186.00	91.25	30.34	307.59	2010	186.00	13,401	222.00	12,782	246.00	12,385	282.00	16,480	
14	174.00	91.25	27.95	293.20	2011	174.00	13,614	210.00	12,985	234.00	12,582	270.00	12,000	
15	162.00	91.25	25.55	278.80	2012	162.00	13,830	198.00	13,191	222.00	12,782	258.00	12,191	
16	150.00	91.25	23.15	264.40	2013	150.00	14,050	186.00	13,401	210.00	12,985	246.00	12,385	
17	138.00	91.25	20.76	250.01	2014	138.00	14,273	174.00	13,614	198.00	13,191	234.00	12,582	
18	126.00	91.25	18.36	235.61										

CASE 18H, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,985.70	424.12	946.22	12.88	0.00	807.30	39.82	172.49	13.40	0.00	0.00	0.00	1,992.11
1999	14,713.37	446.20	1,003.01	11.69	0.00	809.89	34.91	158.78	13.40	0.00	0.00	0.00	2,031.67
2000	15,479.46	469.60	1,050.11	10.62	0.00	827.80	30.81	149.42	13.40	0.00	0.00	0.00	2,082.16
2001	16,296.56	493.95	1,059.37	9.63	0.00	846.53	26.99	138.27	13.40	0.00	0.00	0.00	2,094.20
2002	17,127.28	517.35	1,032.35	8.74	0.00	819.16	23.81	131.00	0.00	0.00	0.00	0.00	2,015.06
2003	17,879.84	538.55	1,007.03	7.93	0.00	787.49	20.99	122.08	0.00	0.00	0.00	0.00	1,945.52
2004	18,562.01	557.62	979.08	7.19	0.00	754.70	18.37	114.66	0.00	0.00	0.00	0.00	1,874.01
2005	19,170.06	574.30	944.30	6.53	0.00	718.86	16.13	105.82	0.00	0.00	0.00	0.00	1,791.64
2006	19,691.12	587.91	894.50	5.92	0.00	665.78	14.12	97.55	0.00	0.00	0.00	0.00	1,677.87
2007	20,091.12	597.94	840.90	5.37	0.00	617.42	12.37	90.64	0.00	0.00	0.00	0.00	1,566.70
2008	20,369.51	604.55	793.08	4.87	0.00	577.74	10.90	84.16	0.00	0.00	0.00	0.00	1,470.75
2009	20,538.53	607.82	739.80	4.42	0.00	537.46	9.54	78.84	0.00	0.00	0.00	0.00	1,370.06
2010	20,590.56	607.69	691.85	4.01	0.00	500.13	8.29	72.37	0.00	0.00	0.00	0.00	1,276.65

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non-Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	268.06	42.28	925.12	0.00	0.00	1,235.46	811.51	1,962.51	0.00	150.00	2,924.02	1,688.57	12.07%
1999	263.86	40.40	952.10	0.00	0.00	1,256.36	824.41	1,993.72	0.00	150.00	2,968.13	1,711.77	11.63%
2000	259.72	38.61	979.94	0.00	0.00	1,278.28	837.52	2,025.42	0.00	150.00	3,012.94	1,734.66	11.21%
2001	255.48	36.87	1,008.68	0.00	0.00	1,301.03	850.84	2,057.62	0.00	150.00	3,058.46	1,757.43	10.78%
2002	251.31	35.21	1,038.34	0.00	0.00	1,324.86	864.37	2,090.34	0.00	150.00	3,104.70	1,779.84	10.39%
2003	247.21	33.63	1,068.95	0.00	0.00	1,349.79	878.11	2,123.57	0.00	150.00	3,151.68	1,801.90	10.08%
2004	243.17	32.12	1,100.54	0.00	0.00	1,375.83	892.07	2,157.34	0.00	150.00	3,199.41	1,823.58	9.82%
2005	239.20	30.67	1,133.14	0.00	0.00	1,403.01	906.26	2,191.64	0.00	150.00	3,247.90	1,844.89	9.62%
2006	235.29	29.29	1,166.79	0.00	0.00	1,431.37	920.67	2,226.49	0.00	150.00	3,297.16	1,865.78	9.48%
2007	231.45	27.98	1,201.51	0.00	0.00	1,460.95	935.30	2,261.89	0.00	150.00	3,347.19	1,886.25	9.39%
2008	227.67	26.72	1,237.35	0.00	0.00	1,491.75	950.18	2,297.85	0.00	150.00	3,398.03	1,906.28	9.36%
2009	223.96	25.52	1,274.34	0.00	0.00	1,523.82	965.28	2,334.39	0.00	150.00	3,449.67	1,925.85	9.38%
2010	220.30	24.37	1,312.52	0.00	0.00	1,557.18	980.63	2,371.51	0.00	150.00	3,502.14	1,944.96	9.45%

CASE 18H, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

3 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994 \$13,311 MM

Permanent Fund: Sustainable Long-Term Real Earnings Rate 3.00%

Other Cash Reserves at Start of FY98 to Put into Perm. Fund \$0

Drawdown Limited under Transition Rule? 1=Y, 0=N 0

FY	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
----	------	------	------	------	------	------	------	------	------	------	------

Limit

FY	2009	2010
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Limit

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N 0

What %-age of Fund's Real Earnings Goes for PFDs? 0.00%

Will PFDs be Capped? 1=Y, 0=N 0

If so, what? \$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995) 611,089 <====Avg. of Ak. DOL estimates as of 7/1/94 and 7/1/95

Population Rate of Increase/(Decrease) 1.59%

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N 1

State Income Tax Rates 1.5 times old rates

Real Inc. Tax Collected/Yr per Capita @ Old Rates \$809 SOURCE: See calc. below==> \$494.62 MM/yr (real)

State Sales Tax Adopted? 1=Y, 0=N 0

State Sales Tax Rate 0.00%

Real Sales Tax Collected/Yr per Capita @ Given Rate \$0 SOURCE: ALRFPC Prelim.Rpt. \$58.00 MM/yr (real) for 1% tax

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12 \$1,267 FY 1996 Actual==> \$774 MM (real)

Growth in Real Per Capita Education OpEx 0.00%

Floor on Real Education OpEx Per Capita? 1=Y, 0=N 0 If so, what? \$950 (real) per capita

FY 95 Real Per Capita State OpEx - Non-Education \$3,063 Based on FY 1996 TOTAL==> \$1,872 MM (real) (fig. incl. K-12 grants)

Growth in Real Per Capita Non-Education OpEx 0.00%

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N 0 If so, what? \$2,297 (real) per capita

Real Per Capita State CapEx \$245 \$150 MM/Yr (real)

Growth in Real Per Capita CapEx 0.00%

Floor on Real CapEx Per Capita? 1=Y, 0=N 0 If so, what? (real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

Pipeline Cost \$15 billion (real)

Completion Date: Choices are 2000, 2003, 2005, 2008 2005

Peak Population Effect during Construction 40,000

%-age of Construction Population Staying Long-Term 15% DOR "low" 30% DOR "mid" 40% DOR "high"

Wellhead Gas Price \$1.00 /Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Fed'l Adj. Gross Income (\$MM)	Gross AK. Exempt'ns & Ded'ns (\$MM)	AK. Taxable Income (\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
\$30,000—49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
TOTAL	352,739								494.62

CASE 18H, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	246.50	260.45	268.06
2001	51.27	72.28	105.85	248.75	260.01	263.86
2002	49.35	67.55	99.61	251.01	259.54	259.72
2003	46.56	63.05	92.18	252.96	259.09	255.48
2004	43.02	58.75	87.33	254.91	258.65	251.31
2005	40.44	56.18	81.39	256.87	258.19	247.21
2006	37.14	52.98	76.44	258.86	257.74	243.17
2007	33.18	49.92	70.55	260.86	257.29	239.20
2008	30.14	47.00	65.03	262.88	256.84	235.29
2009	27.98	43.54	60.43	264.91	256.40	231.45
2010	26.63	40.25	56.11	266.96	255.95	227.67
	23.89	37.12	52.56	269.02	255.50	223.96
	21.95	35.37	48.25	271.10	255.06	220.30

CASE 18H, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.0	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.1	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp.Inc.Tax Adj'd If Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	268.50	293.34	317.03	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	276.56	302.15	326.55	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	284.85	311.21	336.34	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	293.40	320.54	346.43	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	302.20	330.17	356.83	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	311.26	340.07	367.54	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,286
2004	46.00	72.00	119.00	320.60	350.27	378.56	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	704,309
2005	42.00	70.00	115.00	330.22	360.78	389.92	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	340.13	371.60	401.62	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	350.32	382.75	413.67	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	360.84	394.24	426.08	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	371.66	406.06	438.87	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	382.81	418.24	452.03	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 18H, CREMO PLAN ANALYSIS

NOMINAL \$

786,539

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				0.00	0.00	0.00	30.90	41.20	51.50	253.05	272.74	291.28
1999				0.00	0.00	0.00	31.83	42.44	53.05	260.64	280.93	300.02
2000				0.00	0.00	0.00	32.78	43.71	54.64	268.46	289.35	309.02
2001				0.00	0.00	0.00	33.76	45.02	56.28	276.52	298.03	318.29
2002				0.00	0.00	0.00	34.77	46.37	57.97	284.81	306.98	327.64
2003				0.00	0.00	0.00	35.81	47.76	59.71	293.35	316.19	337.68
2004				0.00	0.00	0.00	36.88	49.19	61.50	302.16	325.67	347.81
2005				0.00	0.00	0.00	37.99	50.67	63.35	311.22	335.44	358.24
2006				0.00	0.00	0.00	39.13	52.19	65.25	320.56	345.50	368.99
2007				0.00	0.00	0.00	40.30	53.76	67.21	330.17	355.87	380.06
2008				0.00	0.00	0.00	41.51	55.37	69.23	340.08	366.55	391.46
2009				0.00	0.00	0.00	42.76	57.03	71.31	350.28	377.54	403.21
2010				0.00	0.00	0.00	44.04	58.74	73.45	360.79	388.87	415.30

GAS PIPELINE						Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
Year	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact		State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000							
2	180.00			180.00	1999	180.00	37,500							
3	270.00	45.63	54.29	369.92	2000	270.00	40,000							
4	294.00	91.25	51.90	437.15	2001	294.00	25,600	90.00	30,000					
5	282.00	91.25	49.50	422.75	2002	282.00	19,840	180.00	37,500					
6	270.00	91.25	47.11	408.36	2003	270.00	16,000	270.00	40,000	90.00	30,000			
7	258.00	91.25	44.71	393.96	2004	258.00	16,254	294.00	25,600	180.00	37,500			
8	246.00	91.25	42.32	379.57	2005	246.00	16,512	282.00	19,840	270.00	40,000			
9	234.00	91.25	39.92	365.17	2006	234.00	16,775	270.00	16,000	294.00	25,600	90.00	30,000	
10	222.00	91.25	37.53	350.78	2007	222.00	17,042	258.00	16,254	282.00	19,840	180.00	37,500	
11	210.00	91.25	35.13	336.38	2008	210.00	17,313	246.00	16,512	270.00	16,000	270.00	40,000	
12	198.00	91.25	32.74	321.99	2009	198.00	17,588	234.00	16,775	258.00	16,254	294.00	25,600	
13	186.00	91.25	30.34	307.59	2010	186.00	17,868	222.00	17,042	246.00	16,512	282.00	19,840	
14	174.00	91.25	27.95	293.20	2011	174.00	18,152	210.00	17,313	234.00	16,775	270.00	16,000	
15	162.00	91.25	25.55	278.80	2012	162.00	18,441	198.00	17,588	222.00	17,042	258.00	16,254	
16	150.00	91.25	23.15	264.40	2013	150.00	18,734	186.00	17,868	210.00	17,313	246.00	16,512	
17	138.00	91.25	20.76	250.01	2014	138.00	19,032	174.00	18,152	198.00	17,588	234.00	16,775	
18	126.00	91.25	18.36	235.61										

CASE 19, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,939.33	407.44	818.19	13.52	0.00	695.39	41.82	76.36	13.40	0.00	0.00	0.00	1,658.68
1999	13,630.67	397.39	841.76	12.45	0.00	670.52	37.17	72.28	13.40	0.00	0.00	0.00	1,647.59
2000	13,259.17	385.09	831.16	11.47	0.00	656.27	33.28	67.55	13.40	0.00	0.00	0.00	1,613.14
2001	12,798.60	370.04	807.73	10.56	0.00	649.71	29.58	63.05	13.40	0.00	0.00	0.00	1,574.02
2002	12,240.95	351.50	776.10	9.72	0.00	625.53	26.48	58.75	0.00	0.00	0.00	0.00	1,496.58
2003	11,543.80	328.96	746.79	8.95	0.00	596.69	23.69	56.18	0.00	0.00	0.00	0.00	1,432.30
2004	10,715.65	302.59	721.12	8.24	0.00	572.48	21.05	52.98	0.00	0.00	0.00	0.00	1,375.87
2005	9,759.93	272.33	693.26	7.59	0.00	545.50	18.76	49.92	0.00	0.00	0.00	0.00	1,315.03
2006	8,667.64	237.54	653.79	6.98	0.00	502.21	16.66	47.00	0.00	0.00	0.00	0.00	1,226.64
2007	7,406.07	197.76	617.29	6.43	0.00	462.55	14.80	43.54	0.00	0.00	0.00	0.00	1,144.62
2008	5,975.92	153.76	623.52	5.92	0.00	436.16	13.24	40.25	0.00	0.00	0.00	0.00	1,119.10
2009	4,428.78	105.56	589.02	5.45	0.00	404.91	11.77	37.12	0.00	0.00	0.00	0.00	1,048.26
2010	2,714.44	52.38	554.64	5.02	0.00	374.92	10.37	35.37	0.00	0.00	0.00	0.00	980.32

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non- Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %-age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	242.16	44.39	0.00	262.70	0.00	549.25	811.51	1,962.51	0.00	150.00	2,924.02	2,374.77	17.04%
1999	241.75	43.03	0.00	266.88	0.00	551.65	824.41	1,993.72	0.00	150.00	2,968.13	2,416.47	17.73%
2000	241.32	41.70	0.00	271.12	0.00	554.14	837.52	2,025.42	0.00	150.00	3,012.94	2,458.80	18.54%
2001	240.90	40.41	0.00	275.43	0.00	556.74	850.84	2,057.62	0.00	150.00	3,058.46	2,501.72	19.55%
2002	240.48	39.17	0.00	279.81	0.00	559.47	864.37	2,090.34	0.00	150.00	3,104.70	2,545.24	20.79%
2003	240.06	37.96	0.00	284.26	0.00	562.29	878.11	2,123.57	0.00	150.00	3,151.68	2,589.40	22.43%
2004	239.64	36.79	0.00	288.78	0.00	565.21	892.07	2,157.34	0.00	150.00	3,199.41	2,634.20	24.58%
2005	239.22	35.66	0.00	293.37	0.00	568.26	906.26	2,191.64	0.00	150.00	3,247.90	2,679.64	27.46%
2006	238.80	34.56	0.00	298.04	0.00	571.40	920.67	2,226.49	0.00	150.00	3,297.16	2,725.76	31.45%
2007	238.39	33.49	0.00	302.78	0.00	574.66	935.30	2,261.89	0.00	150.00	3,347.19	2,772.54	37.44%
2008	237.98	32.46	0.00	307.59	0.00	578.03	950.18	2,297.85	0.00	150.00	3,398.03	2,820.00	47.19%
2009	237.56	31.46	0.00	312.48	0.00	581.50	965.28	2,334.39	0.00	150.00	3,449.67	2,868.17	64.76%
2010	237.15	30.49	0.00	317.45	0.00	585.08	980.63	2,371.51	0.00	150.00	3,502.14	2,917.05	107.46%

CASE 19, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

2 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994 \$13,311 MM

Permanent Fund: Sustainable Long-Term Real Earnings Rate 3.00%

Other Cash Reserves at Start of FY98 to Put into Perm. Fund \$0

Drawdown Limited under Transition Rule? 1=Y, 0=N 0

FY	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
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Limit

FY	2009	2010
----	------	------

Limit

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N 0

What %age of Fund's Real Earnings Goes for PFDs? 0.00%

Will PFDs be Capped? 1=Y, 0=N 0

If so, what? \$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995) 611,089 <==Avg. of Ak. DOL estimates as of 7/1/94 and 7/1/95

Population Rate of Increase/(Decrease) 1.59%

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N 0

State Income Tax Rates 1 times old rates

Real Inc. Tax Collected/Yr per Capita @ Old Rates \$809 SOURCE: See calc. below==> \$494.62 MM/yr (real)

State Sales Tax Adopted? 1=Y, 0=N 1

State Sales Tax Rate 6.00%

Real Sales Tax Collected/Yr per Capita @ Given Rate \$410 SOURCE: ALRFPC Prelim.Rpt. \$58.00 MM/yr (real) for 1% tax

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12 \$1,267 FY 1996 Actual==> \$774 MM (real)

Growth in Real Per Capita Education OpEx 0.00%

Floor on Real Education OpEx Per Capita? 1=Y, 0=N 0 If so, what? \$950 (real) per capita

FY 95 Real Per Capita State OpEx - Non-Education \$3,063 Based on FY 1996 TOTAL==> \$1,872 MM (real) (fig. incl. K-12 grants)

Growth in Real Per Capita Non-Education OpEx 0.00%

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N 0 If so, what? \$2,297 (real) per capita

Real Per Capita State CapEx \$245 \$150 MM/Yr (real)

Growth in Real Per Capita CapEx 0.00%

Floor on Real CapEx Per Capita? 1=Y, 0=N 0 If so, what? (real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

Pipeline Cost \$15 billion (real)

Completion Date: Choices are 2000, 2003, 2005, 2008 2005

Peak Population Effect during Construction 40,000

%age of Construction Population Staying Long-Term: 15% DOR "low" 30% DOR "mid" 40% DOR "high"

Wellhead Gas Price \$1.00 /Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Fed'l Adj. Gross Income (\$MM) & Ded'ns (\$MM)	AK. Exempt'ns	AK. Taxable Income (\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
\$30,000—49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
TOTAL	352,739								494.62

CASE 19, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	232.32	242.16	246.28
2001	51.27	72.28	105.85	234.43	241.75	242.42
2002	49.35	67.55	99.61	236.57	241.32	238.62
2003	46.56	63.05	92.18	238.40	240.90	234.73
2004	43.02	58.75	87.33	240.24	240.48	230.89
2005	40.44	56.18	81.39	242.10	240.06	227.13
2006	37.14	52.98	76.44	243.97	239.64	223.42
2007	33.18	49.92	70.55	245.86	239.22	219.77
2008	30.14	47.00	65.03	247.76	238.80	216.18
2009	27.98	43.54	60.43	249.67	238.39	212.65
2010	26.63	40.25	56.11	251.60	237.98	209.18
	23.89	37.12	52.56	253.55	237.56	205.76
	21.95	35.37	48.25	255.51	237.15	202.40

CASE 19, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp.Inc.Tax Adj'd If Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	253.05	272.74	291.28	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	260.64	280.93	300.02	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	268.46	289.35	309.02	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	276.52	298.03	318.29	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	284.81	306.98	327.84	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	293.35	316.19	337.68	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,286
2004	46.00	72.00	119.00	302.16	325.67	347.81	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	704,309
2005	42.00	70.00	115.00	311.22	335.44	358.24	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	320.56	345.50	368.99	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	330.17	355.87	380.06	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	340.08	366.55	391.46	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	350.28	377.54	403.21	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	360.79	388.87	415.30	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 19, CREMO PLAN ANALYSIS

NOMINAL \$

786,539

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				0.00	0.00	0.00	30.90	41.20	51.50	253.05	272.74	291.28
1999				0.00	0.00	0.00	31.83	42.44	53.05	260.64	280.93	300.02
2000				0.00	0.00	0.00	32.78	43.71	54.64	268.46	289.35	309.02
2001				0.00	0.00	0.00	33.76	45.02	56.28	276.52	298.03	318.29
2002				0.00	0.00	0.00	34.77	46.37	57.97	284.81	306.98	327.84
2003				0.00	0.00	0.00	35.81	47.76	59.71	293.35	316.19	337.68
2004				0.00	0.00	0.00	36.88	49.19	61.50	302.16	325.67	347.81
2005				0.00	0.00	0.00	37.99	50.67	63.35	311.22	335.44	358.24
2006				0.00	0.00	0.00	39.13	52.19	65.25	320.56	345.50	368.99
2007				0.00	0.00	0.00	40.30	53.76	67.21	330.17	355.87	380.06
2008				0.00	0.00	0.00	41.51	55.37	69.23	340.08	366.55	391.46
2009				0.00	0.00	0.00	42.76	57.03	71.31	350.28	377.54	403.21
2010				0.00	0.00	0.00	44.04	58.74	73.45	360.79	388.87	415.30

GAS PIPELINE					Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
Year	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	23,200	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	16,480	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	12,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	12,191	294.00	23,200	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	12,385	282.00	16,480	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	12,582	270.00	12,000	294.00	23,200	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	12,782	258.00	12,191	282.00	16,480	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	12,985	246.00	12,385	270.00	12,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	13,191	234.00	12,582	258.00	12,191	294.00	23,200
13	186.00	91.25	30.34	307.59	2010	186.00	13,401	222.00	12,782	246.00	12,385	282.00	16,480
14	174.00	91.25	27.95	293.20	2011	174.00	13,614	210.00	12,985	234.00	12,582	270.00	12,000
15	162.00	91.25	25.55	278.80	2012	162.00	13,830	198.00	13,191	222.00	12,782	258.00	12,191
16	150.00	91.25	23.15	264.40	2013	150.00	14,050	186.00	13,401	210.00	12,985	246.00	12,385
17	138.00	91.25	20.76	250.01	2014	138.00	14,273	174.00	13,614	198.00	13,191	234.00	12,582
18	126.00	91.25	18.36	235.61									

CASE 20, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,939.33	403.50	818.19	13.52	0.00	695.39	41.82	76.36	13.40	0.00	0.00	0.00	1,658.68
1999	13,364.03	385.38	841.76	12.45	0.00	670.52	37.17	72.28	13.40	0.00	0.00	0.00	1,647.59
2000	12,713.65	364.66	831.16	11.47	0.00	656.27	33.28	67.55	13.40	0.00	0.00	0.00	1,613.14
2001	11,961.53	340.80	807.73	10.56	0.00	649.71	29.58	63.05	13.40	0.00	0.00	0.00	1,574.02
2002	11,099.20	313.05	776.10	9.72	0.00	625.53	26.48	58.75	0.00	0.00	0.00	0.00	1,496.58
2003	10,083.78	280.29	746.79	8.95	0.00	596.69	23.69	56.18	0.00	90.00	0.00	0.00	1,522.30
2004	8,882.83	241.56	721.12	8.24	0.00	572.48	21.05	52.98	0.00	180.00	0.00	0.00	1,555.87
2005	7,462.97	195.99	693.26	7.59	0.00	545.50	18.76	49.92	0.00	270.00	0.00	0.00	1,585.03
2006	5,798.79	142.71	653.79	6.98	0.00	502.21	16.66	47.00	0.00	294.00	0.00	0.00	1,520.64
2007	3,858.22	81.11	617.29	6.43	0.00	462.55	14.80	43.54	0.00	282.00	0.00	0.00	1,426.62
2008	1,629.92	11.97	623.52	5.92	0.00	436.16	13.24	40.25	0.00	270.00	0.00	0.00	1,389.10
2009	0.00	0.00	589.02	5.45	0.00	404.91	11.77	37.12	0.00	258.00	0.00	0.00	1,306.26
2010	0.00	0.00	554.64	5.02	0.00	374.92	10.37	35.37	0.00	246.00	0.00	0.00	1,226.32

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non- Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %-age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	242.16	44.39	0.00	0.00	0.00	286.55	811.51	1,962.51	0.00	150.00	2,924.02	2,637.47	18.92%
1999	241.75	43.03	0.00	0.00	0.00	284.78	824.41	1,993.72	0.00	150.00	2,968.13	2,683.35	20.08%
2000	241.32	41.70	0.00	0.00	0.00	283.02	837.52	2,025.42	0.00	150.00	3,012.94	2,729.92	21.47%
2001	240.90	40.41	0.00	0.00	0.00	281.31	850.84	2,057.62	0.00	150.00	3,058.46	2,777.15	23.22%
2002	240.48	39.17	0.00	0.00	0.00	279.65	864.37	2,090.34	0.00	150.00	3,104.70	2,825.05	25.45%
2003	240.06	37.96	0.00	0.00	0.00	278.02	916.11	2,215.47	0.00	150.00	3,281.57	3,003.55	29.79%
2004	239.64	36.79	0.00	0.00	0.00	276.43	978.17	2,365.56	0.00	150.00	3,493.73	3,217.30	36.22%
2005	239.22	35.66	0.00	0.00	0.00	274.88	1,044.39	2,525.69	0.00	150.00	3,720.08	3,445.19	46.16%
2006	238.80	34.56	0.00	0.00	0.00	273.36	1,090.38	2,636.91	0.00	150.00	3,877.29	3,603.93	62.15%
2007	238.39	33.49	0.00	0.00	0.00	271.88	1,128.59	2,729.32	0.00	150.00	4,007.91	3,736.03	96.83%
2008	237.98	32.46	0.00	0.00	0.00	270.44	1,161.73	2,809.47	0.00	150.00	4,121.20	3,850.77	236.25%
2009	237.56	31.46	0.00	0.00	0.00	269.02	1,195.65	2,891.49	0.00	150.00	4,237.13	3,968.11	#DIV/0!
2010	237.15	30.49	0.00	0.00	0.00	267.64	1,230.34	2,975.39	0.00	150.00	4,355.74	4,088.10	#DIV/0!

CASE 20, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"
Lift Oil Export Ban? 1=Y, 0=N

2 <====SOURCE: DOR Spring '95 Revenue Forecast
0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994	\$13,311	MM
Permanent Fund: Sustainable Long-Term Real Earnings Rate	3.00%	
Other Cash Reserves at Start of FY98 to Put into Perm. Fund	\$0	
Drawdown Limited under Transition Rule? 1=Y, 0=N	0	
FY 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008		
Limit		
FY 2009 2010		
Limit		

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N	0	
What %-age of Fund's Real Earnings Goes for PFDs?	0.00%	
Will PFDs be Capped? 1=Y, 0=N	0	If so, what? \$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995)	611,089	<==Avg. of Ak. DOL estimates as of 7/1/94 and 7/1/95
Population Rate of Increase/(Decrease)	1.59%	

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N	0	
State Income Tax Rates	1 times old rates	
Real Inc. Tax Collected/Yr per Capita @ Old Rates	\$809	SOURCE: See calc. below==> \$494.62 MM/yr (real)
State Sales Tax Adopted? 1=Y, 0=N	0	
State Sales Tax Rate	0.00%	
Real Sales Tax Collected/Yr per Capita @ Given Rate	\$0	SOURCE: ALRFPD Prelim.Rpt. \$58.00 MM/yr (real) for 1% tax
What, if anything, is "Other"?		

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12	\$1,267	FY 1996 Actual=====	\$774	MM (real)
Growth in Real Per Capita Education OpEx	0.00%			
Floor on Real Education OpEx Per Capita? 1=Y, 0=N	0	If so, what?	\$950	(real) per capita
FY 95 Real Per Capita State OpEx - Non-Education	\$3,063	Based on FY 1996 TOTAL==>	\$1,872	MM (real) (fig. Incl. K-12 grants)
Growth in Real Per Capita Non-Education OpEx	0.00%			
Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N	0	If so, what?	\$2,297	(real) per capita
Real Per Capita State CapEx	\$245		\$150	MM/Yr (real)
Growth in Real Per Capita CapEx	0.00%			
Floor on Real CapEx Per Capita? 1=Y, 0=N	0	If so, what?		(real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

Pipeline Cost	\$15	billion (real)
Completion Date: Choices are 2000, 2003, 2005, 2008	2005	
Peak Population Effect during Construction	40,000	
%-age of Construction Population Staying Long-Term	15% DOR "low"	30% DOR "mid" 40% DOR "high"
Wellhead Gas Price	\$1.00	/Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Fed'l Adj.Gross AK. Income (\$MM)	Exempt'ns & Ded'ns(\$MM)	AK. Taxable Income(\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
\$30,000—49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
TOTAL	352,739								494.62

CASE 20, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	232.32	242.16	246.28
2001	51.27	72.28	105.85	234.43	241.75	242.42
2002	49.35	67.55	99.61	236.57	241.32	238.62
2003	46.56	63.05	92.18	238.40	240.90	234.73
2004	43.02	58.75	87.33	240.24	240.48	230.89
2005	40.44	56.18	81.39	242.10	240.06	227.13
2006	37.14	52.98	76.44	243.97	239.64	223.42
2007	33.18	49.92	70.55	245.86	239.22	219.77
2008	30.14	47.00	65.03	247.76	238.80	216.18
2009	27.98	43.54	60.43	249.67	238.39	212.65
2010	26.63	40.25	56.11	251.60	237.98	209.18
	23.89	37.12	52.56	253.55	237.56	205.76
	21.95	35.37	48.25	255.51	237.15	202.40

CASE 20, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.30	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp. Inc. Tax Adj'd If Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	253.05	272.74	291.28	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	260.64	280.93	300.02	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	268.46	289.35	309.02	2.07%	3.18%	4.64%	0.88121275	0.83199939	0.77219831	661,240
2001	54.00	78.00	125.00	276.52	298.03	318.29	2.21%	3.18%	4.71%	0.86215903	0.80629559	0.73746377	671,754
2002	51.00	75.00	124.00	284.81	306.98	327.84	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	293.35	316.19	337.68	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	723,286
2004	46.00	72.00	119.00	302.16	325.67	347.81	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	772,286
2005	42.00	70.00	115.00	311.22	335.44	358.24	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	824,565
2006	39.00	68.00	111.00	320.56	345.50	368.99	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	860,876
2007	37.00	65.00	108.00	330.17	355.87	380.06	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	891,044
2008	36.00	62.00	105.00	340.08	366.55	391.46	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	917,212
2009	33.00	59.00	103.00	350.28	377.54	403.21	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	943,987
2010	31.00	58.00	99.00	360.79	388.87	415.30	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	971,381

CASE 20, CREMO PLAN ANALYSIS

NOMINAL \$

999,408

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	211.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				0.00	0.00	0.00	30.90	41.20	51.50	253.05	272.74	291.28
1999				0.00	0.00	0.00	31.83	42.44	53.05	260.64	280.93	300.02
2000				0.00	0.00	0.00	32.78	43.71	54.64	268.46	289.35	309.02
2001				0.00	0.00	0.00	33.76	45.02	56.28	276.52	298.03	318.29
2002				0.00	0.00	0.00	34.77	46.37	57.97	284.81	306.98	327.84
2003				0.00	0.00	0.00	35.81	47.76	59.71	293.35	316.19	337.68
2004				0.00	0.00	0.00	36.88	49.19	61.50	302.16	325.67	347.81
2005				0.00	0.00	0.00	37.99	50.67	63.35	311.22	335.44	358.24
2006				0.00	0.00	0.00	39.13	52.19	65.25	320.56	345.50	368.99
2007				0.00	0.00	0.00	40.30	53.76	67.21	330.17	355.87	380.06
2008				0.00	0.00	0.00	41.51	55.37	69.23	340.08	366.55	391.46
2009				0.00	0.00	0.00	42.76	57.03	71.31	350.28	377.54	403.21
2010				0.00	0.00	0.00	44.04	58.74	73.45	360.79	388.87	415.30

GAS PIPELINE					Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
Year	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	23,200	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	16,480	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	12,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	12,191	294.00	23,200	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	12,385	282.00	16,480	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	12,582	270.00	12,000	294.00	23,200	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	12,782	258.00	12,191	282.00	16,480	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	12,985	246.00	12,385	270.00	12,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	13,191	234.00	12,582	258.00	12,191	294.00	23,200
13	186.00	91.25	30.34	307.59	2010	186.00	13,401	222.00	12,782	246.00	12,385	282.00	16,480
14	174.00	91.25	27.95	293.20	2011	174.00	13,614	210.00	12,985	234.00	12,582	270.00	12,000
15	162.00	91.25	25.55	278.80	2012	162.00	13,830	198.00	13,191	222.00	12,782	258.00	12,191
16	150.00	91.25	23.15	264.40	2013	150.00	14,050	186.00	13,401	210.00	12,985	246.00	12,385
17	138.00	91.25	20.76	250.01	2014	138.00	14,273	174.00	13,614	198.00	13,191	234.00	12,582
18	126.00	91.25	18.36	235.61									

CASE 21, CREMC PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,939.33	418.87	818.19	13.52	0.00	695.39	41.82	114.54	13.40	0.00	0.00	0.00	1,696.86
1999	14,404.15	432.29	841.76	12.45	0.00	670.52	37.17	108.43	13.40	0.00	0.00	0.00	1,683.73
2000	14,847.18	444.70	831.16	11.47	0.00	656.27	33.28	101.33	13.40	0.00	0.00	0.00	1,646.91
2001	15,244.33	455.69	807.73	10.56	0.00	649.71	29.58	94.57	13.40	0.00	0.00	0.00	1,605.55
2002	15,590.63	464.59	776.10	9.72	0.00	625.53	26.48	88.13	0.00	0.00	0.00	0.00	1,525.96
2003	15,846.90	471.03	746.79	8.95	0.00	596.69	23.69	84.28	0.00	0.00	0.00	0.00	1,460.39
2004	16,026.41	475.31	721.12	8.24	0.00	572.48	21.05	79.47	0.00	0.00	0.00	0.00	1,402.36
2005	16,136.11	477.44	693.26	7.59	0.00	545.50	18.76	74.88	0.00	0.00	0.00	0.00	1,339.99
2006	16,170.97	476.95	653.79	6.98	0.00	502.21	16.66	70.50	0.00	0.00	0.00	0.00	1,250.14
2007	16,102.43	473.47	617.29	6.43	0.00	462.55	14.80	65.31	0.00	0.00	0.00	0.00	1,166.40
2008	15,935.67	467.92	623.52	5.92	0.00	436.16	13.24	60.38	0.00	0.00	0.00	0.00	1,139.22
2009	15,727.16	460.46	589.02	5.45	0.00	404.91	11.77	55.69	0.00	0.00	0.00	0.00	1,066.83
2010	15,430.85	450.45	554.64	5.02	0.00	374.92	10.37	53.06	0.00	0.00	0.00	0.00	998.01

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non-Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %-age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	260.45	44.39	925.12	262.70	0.00	1,492.66	811.51	1,962.51	219.54	150.00	3,143.57	1,650.90	11.84%
1999	260.01	43.03	952.10	266.88	0.00	1,522.01	824.41	1,993.72	226.87	150.00	3,194.99	1,672.98	11.61%
2000	259.54	41.70	979.94	271.12	0.00	1,552.31	837.52	2,025.42	233.84	150.00	3,246.78	1,694.47	11.41%
2001	259.09	40.41	1,008.68	275.43	0.00	1,583.62	850.84	2,057.62	240.10	150.00	3,298.56	1,714.94	11.25%
2002	258.65	39.17	1,038.34	279.81	0.00	1,615.97	864.37	2,090.34	245.55	150.00	3,350.26	1,734.29	11.12%
2003	258.19	37.96	1,068.95	284.26	0.00	1,649.36	878.11	2,123.57	249.59	150.00	3,401.27	1,751.91	11.06%
2004	257.74	36.79	1,100.54	288.78	0.00	1,683.85	892.07	2,157.34	252.42	150.00	3,451.83	1,767.98	11.03%
2005	257.29	35.66	1,133.14	293.37	0.00	1,719.47	906.26	2,191.64	254.14	150.00	3,502.04	1,782.57	11.05%
2006	256.84	34.56	1,166.79	298.04	0.00	1,756.23	920.67	2,226.49	254.69	150.00	3,551.85	1,795.62	11.10%
2007	256.40	33.49	1,201.51	302.78	0.00	1,794.18	935.30	2,261.89	253.61	150.00	3,600.81	1,806.63	11.22%
2008	255.95	32.46	1,237.35	307.59	0.00	1,833.35	950.18	2,297.85	250.99	150.00	3,649.01	1,815.66	11.39%
2009	255.50	31.46	1,274.34	312.48	0.00	1,873.78	965.28	2,334.39	247.70	150.00	3,697.37	1,823.59	11.60%
2010	255.06	30.45	1,312.52	317.45	0.00	1,915.51	980.63	2,371.51	243.04	150.00	3,745.17	1,829.66	11.86%

CASE 21, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"

2 <====SOURCE: DOR Spring '95 Revenue Forecast

Lift Oil Export Ban? 1=Y, 0=N

0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994

\$13,311 MM

Permanent Fund: Sustainable Long-Term Real Earnings Rate

3.00%

Other Cash Reserves at Start of FY98 to Put into Perm. Fund

\$0

Drawdown Limited under Transition Rule? 1=Y, 0=N

0

	FY 1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Limit											
FY	2009	2010									
Limit											

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N

1

What %age of Fund's Real Earnings Goes for PFDs?

52.50%

Will PFDs be Capped? 1=Y, 0=N

0

If so, what?

\$200 (nominal) per capita

Population

Population as of 1/1/95 (mid-point of FY 1995)

611,089 <==Avg. of Ak. DOL estimates as of 7/1/94 and 7/1/95

Population Rate of Increase/(Decrease)

1.59%

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N

1

State Income Tax Rates

1.5 times old rates

Real Inc. Tax Collected/Yr per Capita @ Old Rates

\$809 SOURCE: See calc. below==> \$494.62 MM/yr (real)

State Sales Tax Adopted? 1=Y, 0=N

1

State Sales Tax Rate

6.00%

Real Sales Tax Collected/Yr per Capita @ Given Rate

\$410 SOURCE: ALRFPC Prelim.Rpt. \$58.00 MM/yr (real) for 1% tax

What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12

\$1,267 FY 1996 Actual==> \$774 MM (real)

Growth in Real Per Capita Education OpEx

0.00%

Floor on Real Education OpEx Per Capita? 1=Y, 0=N

0

If so, what?

\$950 (real) per capita

FY 95 Real Per Capita State OpEx - Non-Education

\$3,063 Based on FY 1996 TOTAL==> \$1,872 MM (real) (fig. incl. K-12 grants)

Growth in Real Per Capita Non-Education OpEx

0.00%

Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N

0

If so, what?

\$2,297 (real) per capita

Real Per Capita State CapEx

\$245

\$150 MM/Yr (real)

Growth in Real Per Capita CapEx

0.00%

Floor on Real CapEx Per Capita? 1=Y, 0=N

0

If so, what?

(real) per capita

Natural Gas Pipeline Built? 1=Y, 0=N

0

Pipeline Cost

\$15 billion (real)

Completion Date: Choices are 2000, 2003, 2005, 2008

2005

Peak Population Effect during Construction

40,000

%-age of Construction Population Staying Long-Term

15% DOR "low"

30% DOR "mid"

40% DOR "high"

Wellhead Gas Price

\$1.00 /Mcf (real)

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Fed'l Adj. Gross Income (\$MM)	AK. Exempt's & Ded's (\$MM)	AK. Taxable Income (\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
\$30,000—\$49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
TOTAL	352,739								494.62

CASE 21, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998						
1999						
2000	54.17	76.36	114.99	246.50	260.45	268.06
2001	51.27	72.28	105.85	248.75	260.01	263.86
2002	49.35	67.55	99.61	251.01	259.54	259.72
2003	46.56	63.05	92.18	252.96	259.09	255.48
2004	43.02	58.75	87.33	254.91	258.65	251.31
2005	40.44	56.18	81.39	256.87	258.19	247.21
2006	37.14	52.98	76.44	258.86	257.74	243.17
2007	33.18	49.92	70.55	260.86	257.29	239.20
2008	30.14	47.00	65.03	262.88	256.84	235.29
2009	27.98	43.54	60.43	264.91	256.40	231.45
2010	26.63	40.25	56.11	266.96	255.95	227.67
	23.89	37.12	52.56	269.02	255.50	223.96
	21.95	35.37	48.25	271.10	255.06	220.30

CASE 21, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp.Inc.Tax Adj'd If Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	268.50	293.34	317.03	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	276.56	302.15	326.55	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	284.85	311.21	336.34	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	293.40	320.54	346.43	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	302.20	330.17	356.83	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	311.26	340.07	367.54	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,286
2004	46.00	72.00	119.00	320.60	350.27	378.56	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	704,305
2005	42.00	70.00	115.00	330.22	360.78	389.92	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	340.13	371.60	401.62	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	350.32	382.75	413.67	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	360.84	394.24	426.08	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	371.66	406.06	438.87	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	382.81	418.24	452.03	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 21, CREMO PLAN ANALYSIS

NOMINAL \$

786,539

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				219.54	219.54	219.54	30.90	41.20	51.50	253.05	272.74	291.28
1999				226.87	226.87	226.87	31.83	42.44	53.05	260.64	280.93	300.02
2000				233.84	233.84	233.84	32.78	43.71	54.64	268.46	289.35	309.02
2001				240.10	240.10	240.10	33.76	45.02	56.28	276.52	298.03	318.29
2002				245.55	245.55	245.55	34.77	46.37	57.97	284.81	306.98	327.84
2003				249.59	249.59	249.59	35.81	47.76	59.71	293.35	316.19	337.68
2004				252.42	252.42	252.42	36.88	49.19	61.50	302.16	325.67	347.81
2005				254.14	254.14	254.14	37.99	50.67	63.35	311.22	335.44	358.24
2006				254.69	254.69	254.69	39.13	52.19	65.25	320.56	345.50	368.99
2007				253.61	253.61	253.61	40.30	53.76	67.21	330.17	355.87	380.06
2008				250.99	250.99	250.99	41.51	55.37	69.23	340.08	366.55	391.46
2009				247.70	247.70	247.70	42.76	57.03	71.31	350.28	377.54	403.21
2010				243.04	243.04	243.04	44.04	58.74	73.45	360.79	388.87	415.30

GAS PIPELINE					Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
Year	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	23,200	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	16,480	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	12,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	12,191	294.00	23,200	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	12,385	282.00	16,480	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	12,582	270.00	12,000	294.00	23,200	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	12,782	258.00	12,191	282.00	16,480	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	12,985	246.00	12,385	270.00	12,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	13,191	234.00	12,582	258.00	12,191	294.00	23,200
13	186.00	91.25	30.34	307.59	2010	186.00	13,401	222.00	12,782	246.00	12,385	282.00	16,480
14	174.00	91.25	27.95	293.20	2011	174.00	13,614	210.00	12,985	234.00	12,582	270.00	12,000
15	162.00	91.25	25.55	278.80	2012	162.00	13,830	198.00	13,191	222.00	12,782	258.00	12,191
16	150.00	91.25	23.15	264.40	2013	150.00	14,050	186.00	13,401	210.00	12,985	246.00	12,385
17	138.00	91.25	20.76	250.01	2014	138.00	14,273	174.00	13,614	198.00	13,191	234.00	12,582
18	126.00	91.25	18.36	235.61									

CASE 21H, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,985.70	424.76	946.22	12.88	0.00	807.30	39.82	172.49	13.40	0.00	0.00	0.00	1,992.11
1999	14,756.43	448.01	1,003.01	11.69	0.00	809.89	34.91	158.78	13.40	0.00	0.00	0.00	2,031.67
2000	15,558.80	472.37	1,050.11	10.62	0.00	827.80	30.81	149.42	13.40	0.00	0.00	0.00	2,082.16
2001	16,404.74	497.45	1,059.37	9.63	0.00	846.53	26.99	138.27	13.40	0.00	0.00	0.00	2,094.20
2002	17,256.01	521.33	1,032.35	8.74	0.00	819.16	23.81	131.00	0.00	0.00	0.00	0.00	2,015.06
2003	18,020.59	542.78	1,007.03	7.93	0.00	787.49	20.99	122.08	0.00	0.00	0.00	0.00	1,945.52
2004	18,707.43	561.89	979.08	7.19	0.00	754.70	18.37	114.66	0.00	0.00	0.00	0.00	1,874.01
2005	19,313.89	578.46	944.30	6.53	0.00	718.86	16.13	105.82	0.00	0.00	0.00	0.00	1,791.84
2006	19,828.28	591.82	894.50	5.92	0.00	665.78	14.12	97.55	0.00	0.00	0.00	0.00	1,677.87
2007	20,217.92	601.51	840.90	5.37	0.00	617.42	12.37	90.64	0.00	0.00	0.00	0.00	1,566.70
2008	20,484.22	607.77	793.08	4.87	0.00	577.74	10.90	84.16	0.00	0.00	0.00	0.00	1,470.75
2009	20,641.42	610.72	739.80	4.42	0.00	537.46	9.54	78.84	0.00	0.00	0.00	0.00	1,370.06
2010	20,683.73	610.36	691.85	4.01	0.00	500.13	8.29	72.37	0.00	0.00	0.00	0.00	1,276.65

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non-Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	268.06	42.28	925.12	262.70	0.00	1,498.16	811.51	1,962.51	220.27	150.00	3,144.30	1,646.14	11.77%
1999	263.86	40.40	952.10	266.88	0.00	1,523.24	824.41	1,993.72	232.41	150.00	3,200.54	1,677.31	11.37%
2000	259.72	38.61	979.94	271.12	0.00	1,549.40	837.52	2,025.42	245.05	150.00	3,257.99	1,708.59	10.98%
2001	255.48	36.87	1,008.68	275.43	0.00	1,576.46	850.84	2,057.02	258.37	150.00	3,316.83	1,740.37	10.61%
2002	251.31	35.21	1,038.34	279.81	0.00	1,604.67	864.37	2,090.34	271.78	150.00	3,376.49	1,771.81	10.27%
2003	247.21	33.63	1,068.95	284.26	0.00	1,634.05	878.11	2,123.57	283.82	150.00	3,435.51	1,801.46	10.00%
2004	243.17	32.12	1,100.54	288.78	0.00	1,664.61	892.07	2,157.34	294.64	150.00	3,494.05	1,829.44	9.78%
2005	239.20	30.67	1,133.14	293.37	0.00	1,696.38	906.26	2,191.64	304.19	150.00	3,552.09	1,855.71	9.61%
2006	235.29	29.29	1,166.79	298.04	0.00	1,729.41	920.67	2,226.49	312.30	150.00	3,609.45	1,880.04	9.48%
2007	231.45	27.98	1,201.51	302.78	0.00	1,763.72	935.30	2,261.89	318.43	150.00	3,665.63	1,901.90	9.41%
2008	227.67	26.72	1,237.35	307.59	0.00	1,799.34	950.18	2,297.85	322.63	150.00	3,720.65	1,921.32	9.38%
2009	223.96	25.52	1,274.34	312.48	0.00	1,836.30	965.28	2,334.39	325.10	150.00	3,774.77	1,938.47	9.39%
2010	220.30	24.37	1,312.52	317.45	0.00	1,874.63	980.63	2,371.51	325.77	150.00	3,827.91	1,953.28	9.44%

CASE 21H, CREMO PLAN ANALYSIS

ASSUMPTIONS

DOR Revenue Scenario: 1="Low," 2="Base," 3="High"
 Lift Oil Export Ban? 1=Y, 0=N

3 <====SOURCE: DOR Spring '95 Revenue Forecast
 0

Permanent Fund

Permanent Fund Principal: FMV @ Year-End FY 1994 **\$13,311 MM**
 Permanent Fund: Sustainable Long-Term Real Earnings Rate **3.00%**
 Other Cash Reserves at Start of FY98 to Put into Perm. Fund **\$0**
 Drawdown Limited under Transition Rule? 1=Y, 0=N **0**

	FY 1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Limit											
FY 2009		2010									
Limit											

Permanent Fund Dividends

Will PFDs Continue? 1=Y, 0=N **1**
 What %-age of Fund's Real Earnings Goes for PFDs? **52.50%**
 Will PFDs be Capped? 1=Y, 0=N **0** If so, what? **\$200 (nominal) per capita**

Population

Population as of 1/1/95 (mid-point of FY 1995) **611,089** <====Avg. of Ak. DOL estimates as of 7/1/94 and 7/1/95
 Population Rate of Increase/(Decrease) **1.59%**

Non-Petroleum Revenues

State Income Tax Adopted? 1=Y, 0=N **1**
 State Income Tax Rates **1.5 times old rates**
 Real Inc. Tax Collected/Yr per Capita @ Old Rates **\$809** SOURCE: See calc. below==> **\$494.62 MM/yr (real)**
 State Sales Tax Adopted? 1=Y, 0=N **1**
 State Sales Tax Rate **6.00%**
 Real Sales Tax Collected/Yr per Capita @ Given Rate **\$410** SOURCE: ALRFPC Prelim.Rpt. **\$58.00 MM/yr (real) for 1% tax**
 What, if anything, is "Other"?

Growth in Expenditures

FY95 Real Per Capita State OpEx - Education K-12 **\$1,267** FY 1996 Actual=====> **\$774 MM (real)**
 Growth in Real Per Capita Education OpEx **0.00%**
 Floor on Real Education OpEx Per Capita? 1=Y, 0=N **0** If so, what? **\$950 (real) per capita**
 FY 95 Real Per Capita State OpEx - Non-Education **\$3,063** Based on FY 1996 TOTAL==> **\$1,872 MM (real) (fig. Incl. K-12 grants)**
 Growth in Real Per Capita Non-Education OpEx **0.00%**
 Floor on Real Non-Education OpEx Per Capita? 1=Y, 0=N **0** If so, what? **\$2,297 (real) per capita**
 Real Per Capita State CapEx **\$245** **\$150 MM/Yr (real)**
 Growth in Real Per Capita CapEx **0.00%**
 Floor on Real CapEx Per Capita? 1=Y, 0=N **0** If so, what? **(real) per capita**

Natural Gas Pipeline Built? 1=Y, 0=N

Pipeline Cost **\$15 billion (real)**
 Completion Date: Choices are 2000, 2003, 2005, 2008 **2005**
 Peak Population Effect during Construction **40,000**
 %-age of Construction Population Staying Long-Term **15% DOR "low" 30% DOR "mid" 40% DOR "high"**
 Wellhead Gas Price **\$1.00 /Mcf (real)**

Personal Income Tax Calculation (AK residents' portion only):

Income Class (tax bracket)	No. of Returns	Fed'l Adj. Gross Income (\$MM)	AK. Exempt'ns & Ded'ns (\$MM)	AK. Taxable Income (\$MM)	Avg. Taxable Inc./Return	Single Filers 44%	Joint Filers 49%	Head of House 7%	Total Tax (\$MM)
\$0—\$29,999	233,370	1,805.39	1,133.05	672.34	\$2,881	9.33	3.02	1.48	13.83
\$30,000—49,999	52,100	2,051.28	675.21	1,376.07	26,412	40.37	31.88	5.67	77.92
\$50,000—\$74,999	37,460	2,288.19	615.69	1,672.50	44,648	60.73	50.32	8.12	119.17
\$75,000 and up	29,809	3,602.09	650.52	2,951.57	99,016	139.85	123.96	19.89	283.70
TOTAL	352,739								494.62

CASE 21H, CREMO PLAN ANALYSIS

REAL \$

	100% of Royalty Revenues			Rentals, Bonuses & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1998	670.28	818.19	946.22	13.98	13.52	12.88	570.95	695.39	807.30	43.24	41.82	39.82
1999	670.09	841.76	1,003.01	13.02	12.45	11.69	525.10	670.52	809.89	38.86	37.17	34.91
2000	630.60	831.16	1,050.11	12.12	11.47	10.62	487.58	656.27	827.80	35.16	33.28	30.81
2001	585.66	807.73	1,059.37	11.26	10.56	9.63	459.88	649.71	846.53	31.56	29.58	26.99
2002	549.47	776.10	1,032.35	10.47	9.72	8.74	432.81	625.53	819.16	28.51	26.48	23.81
2003	516.38	746.79	1,007.03	9.73	8.95	7.93	407.11	596.69	787.49	25.75	23.69	20.99
2004	485.67	721.12	979.08	9.04	8.24	7.19	384.18	572.48	754.70	23.09	21.05	18.37
2005	452.58	693.26	944.30	8.41	7.59	6.53	359.68	545.50	718.86	20.78	18.76	16.13
2006	410.64	653.79	894.50	7.81	6.98	5.92	322.61	502.21	665.78	18.63	16.66	14.12
2007	372.87	617.29	840.90	7.26	6.43	5.37	289.16	462.55	617.42	16.71	14.80	12.37
2008	342.62	623.52	793.08	6.75	5.92	4.87	262.94	436.16	577.74	15.09	13.24	10.90
2009	312.48	589.02	739.80	6.27	5.45	4.42	236.55	404.91	537.46	13.54	11.77	9.54
2010	289.93	554.64	691.85	5.83	5.02	4.01	216.00	374.92	500.13	12.04	10.37	8.29

1998	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev.		
1999	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
2000	54.17	76.36	114.99	246.50	260.45	268.06
2001	51.27	72.28	105.85	248.75	260.01	263.86
2002	49.35	67.55	99.61	251.01	259.54	259.72
2003	46.56	63.05	92.18	252.96	259.09	255.48
2004	43.02	58.75	87.33	254.91	258.65	251.31
2005	40.44	56.18	81.39	256.87	258.19	247.21
2006	37.14	52.98	76.44	258.86	257.74	243.17
2007	33.18	49.92	70.55	260.86	257.29	239.20
2008	30.14	47.00	65.03	262.88	256.84	235.29
2009	27.98	43.54	60.43	264.91	256.40	231.45
2010	26.63	40.25	56.11	266.96	255.95	227.67
	23.89	37.12	52.56	269.02	255.50	223.96
	21.95	35.37	48.25	271.10	255.06	220.30

CASE 21H, CREMO PLAN ANALYSIS

NOMINAL \$

	100% of Royalty Revenues			Rentals & Shared Fed'l \$\$			Production Tax			State's AS 43.56 Share		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995												
1996												
1997												
1998	730.10	921.50	1,119.10	15.23	15.23	15.23	621.90	783.20	954.80	47.10	47.10	47.10
1999	745.00	978.20	1,241.30	14.47	14.47	14.47	583.80	779.20	1,002.30	43.20	43.20	43.20
2000	715.60	996.60	1,359.90	13.75	13.75	13.75	553.30	786.90	1,072.00	39.90	39.90	39.90
2001	679.30	999.30	1,436.50	13.06	13.06	13.06	533.40	803.80	1,147.90	36.60	36.60	36.60
2002	651.40	990.70	1,465.80	12.41	12.41	12.41	513.10	798.50	1,163.10	33.80	33.80	33.80
2003	625.70	983.60	1,497.20	11.79	11.79	11.79	493.30	785.90	1,170.80	31.20	31.20	31.20
2004	601.50	980.00	1,524.20	11.20	11.20	11.20	475.80	778.00	1,174.90	28.60	28.60	28.60
2005	572.90	972.10	1,539.30	10.64	10.64	10.64	455.30	764.90	1,171.80	26.30	26.30	26.30
2006	531.30	945.90	1,526.80	10.10	10.10	10.10	417.40	726.60	1,136.40	24.10	24.10	24.10
2007	493.10	921.50	1,502.90	9.60	9.60	9.60	382.40	690.50	1,103.50	22.10	22.10	22.10
2008	463.10	960.40	1,484.20	9.12	9.12	9.12	355.40	671.80	1,081.20	20.40	20.40	20.40
2009	431.70	936.10	1,449.70	8.66	8.66	8.66	326.80	643.50	1,053.20	18.70	18.70	18.70
2010	409.40	909.50	1,419.60	8.23	8.23	8.23	305.00	614.80	1,026.20	17.00	17.00	17.00

	Oil & Gas Corp. Inc. Tax			Non-Petr. Non-Interest Rev. (Corp. Inc. Tax Adj'd If Rate ≠ Old One)			INFLATION			Deflation Factors			Population
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	
1995							2.29%	2.91%	3.64%	0.97761267	0.97172286	0.96487843	611,089
1996							2.14%	2.99%	4.43%	0.95713009	0.94351186	0.92394755	620,805
1997							2.14%	2.99%	4.43%	0.93707665	0.91611988	0.88475299	630,676
1998	59.00	86.00	136.00	268.50	293.34	317.03	2.07%	3.18%	4.64%	0.91807254	0.88788513	0.84552083	640,704
1999	57.00	84.00	131.00	276.56	302.15	326.55	2.07%	3.18%	4.64%	0.89945385	0.86052057	0.80802831	650,891
2000	56.00	81.00	129.00	284.85	311.21	336.34	2.07%	3.18%	4.64%	0.88121275	0.83399939	0.77219831	661,240
2001	54.00	78.00	125.00	293.40	320.54	346.43	2.21%	3.18%	4.71%	0.86215903	0.80829559	0.73746377	671,754
2002	51.00	75.00	124.00	302.20	330.17	356.83	2.21%	3.18%	4.71%	0.8435173	0.78338398	0.70429163	682,435
2003	49.00	74.00	121.00	311.26	340.07	367.54	2.21%	3.18%	4.71%	0.82527864	0.75924015	0.67261162	693,286
2004	46.00	72.00	119.00	320.60	350.27	378.56	2.21%	3.18%	4.71%	0.80743434	0.73584042	0.64235663	704,309
2005	42.00	70.00	115.00	330.22	360.78	389.92	2.21%	3.18%	4.71%	0.78997587	0.71316187	0.61346254	715,508
2006	39.00	68.00	111.00	340.13	371.60	401.62	2.21%	3.18%	4.71%	0.7728949	0.69118228	0.58586815	726,885
2007	37.00	65.00	108.00	350.32	382.75	413.67	2.21%	3.18%	4.71%	0.75618325	0.66988009	0.55951499	738,442
2008	36.00	62.00	105.00	360.84	394.24	426.08	2.21%	3.18%	4.71%	0.73983294	0.64923444	0.53434724	750,183
2009	33.00	59.00	103.00	371.66	406.06	438.87	2.21%	3.18%	4.71%	0.72383616	0.62922508	0.51031156	762,111
2010	31.00	58.00	99.00	382.81	418.24	452.03	2.21%	3.18%	4.71%	0.70818527	0.60983241	0.48735705	774,229

CASE 21H, CREMO PLAN ANALYSIS

NOMINAL \$

786,539

	Permanent Fund Deposits			Permanent Fund Dividends			Non-Petro. Corp. Inc. Tax (no adj for rate > old rate)			Non-Petr. Non-Interest Rev.		
	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High	DOR Low	DOR Medium	DOR High
1995	215.15	222.55	227.34				35.00	45.00	55.00			
1996	193.51	216.76	244.26				30.00	45.00	55.00			
1997	193.78	226.65	259.67				30.00	40.00	50.00			
1998				220.27	220.27	220.27	30.90	41.20	51.50	253.05	272.74	291.28
1999				232.41	232.41	232.41	31.83	42.44	53.05	260.64	280.93	300.02
2000				245.05	245.05	245.05	32.78	43.71	54.64	268.46	289.35	309.02
2001				258.37	258.37	258.37	33.76	45.02	56.28	276.52	298.03	318.29
2002				271.78	271.78	271.78	34.77	46.37	57.97	284.81	306.98	327.84
2003				283.82	283.82	283.82	35.81	47.76	59.71	293.35	316.19	337.68
2004				294.64	294.64	294.64	36.88	49.19	61.50	302.16	325.67	347.81
2005				304.19	304.19	304.19	37.99	50.67	63.35	311.22	335.44	358.24
2006				312.30	312.30	312.30	39.13	52.19	65.25	320.56	345.50	368.99
2007				318.43	318.43	318.43	40.30	53.76	67.21	330.17	355.87	380.06
2008				322.63	322.63	322.63	41.51	55.37	69.23	340.08	366.55	391.46
2009				325.10	325.10	325.10	42.76	57.03	71.31	350.28	377.54	403.21
2010				325.77	325.77	325.77	44.04	58.74	73.45	360.79	388.87	415.30

GAS PIPELINE					Completion in 2000			Completion in 2003		Completion in 2005		Completion in 2008	
Year	AS 43.56	100% of 1/8 Royalty	Prod. Tax	TOTAL	FY	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact	State Rev.	Population Impact
1	90.00			90.00	1998	90.00	30,000						
2	180.00			180.00	1999	180.00	37,500						
3	270.00	45.63	54.29	369.92	2000	270.00	40,000						
4	294.00	91.25	51.90	437.15	2001	294.00	25,600	90.00	30,000				
5	282.00	91.25	49.50	422.75	2002	282.00	19,840	180.00	37,500				
6	270.00	91.25	47.11	408.36	2003	270.00	16,000	270.00	40,000	90.00	30,000		
7	258.00	91.25	44.71	393.96	2004	258.00	16,254	294.00	25,600	180.00	37,500		
8	246.00	91.25	42.32	379.57	2005	246.00	16,512	282.00	19,840	270.00	40,000		
9	234.00	91.25	39.92	365.17	2006	234.00	16,775	270.00	16,000	294.00	25,600	90.00	30,000
10	222.00	91.25	37.53	350.78	2007	222.00	17,042	258.00	16,254	282.00	19,840	180.00	37,500
11	210.00	91.25	35.13	336.38	2008	210.00	17,313	246.00	16,512	270.00	16,000	270.00	40,000
12	198.00	91.25	32.74	321.99	2009	198.00	17,588	234.00	16,775	258.00	16,254	294.00	25,600
13	186.00	91.25	30.34	307.59	2010	186.00	17,868	222.00	17,042	246.00	16,512	282.00	19,840
14	174.00	91.25	27.95	293.20	2011	174.00	18,152	210.00	17,313	234.00	16,775	270.00	16,000
15	162.00	91.25	25.55	278.80	2012	162.00	18,441	198.00	17,588	222.00	17,042	258.00	16,254
16	150.00	91.25	23.15	264.40	2013	150.00	18,734	186.00	17,868	210.00	17,313	246.00	16,512
17	138.00	91.25	20.76	250.01	2014	138.00	19,032	174.00	18,152	198.00	17,588	234.00	16,775
18	126.00	91.25	18.36	235.61									

CASE 22, CREMO PLAN ANALYSIS

FY	Perm. Fund Principal at FY Start	Perm. Fund Earnings during FY	100% of Royalty Revenues	100% of Rentals & Shared Fed'l Resource Rev.	100% of Bonuses	Prod'n Tax	AS 43.56 State Share	Oil & Gas Corporate Income Tax	Collections from Prior Years	Gas Pipeline	ANWR	Lift Oil Export Ban	Total Petroleum Revenues
1998	13,939.33	414.93	818.19	13.52	0.00	695.39	41.82	114.54	13.40	0.00	0.00	0.00	1,696.86
1999	14,137.51	420.35	841.76	12.45	0.00	670.52	37.17	108.43	13.40	0.00	0.00	0.00	1,683.73
2000	14,305.92	424.53	831.16	11.47	0.00	656.27	33.28	101.33	13.40	0.00	0.00	0.00	1,646.91
2001	14,420.30	427.03	807.73	10.56	0.00	649.71	29.58	94.57	13.40	0.00	0.00	0.00	1,605.55
2002	14,475.48	428.47	776.10	9.72	0.00	625.53	26.48	88.13	0.00	0.00	0.00	0.00	1,525.96
2003	14,517.81	429.60	746.79	8.95	0.00	596.69	23.69	84.28	0.00	90.00	0.00	0.00	1,550.39
2004	14,552.11	430.39	721.12	8.24	0.00	572.48	21.05	79.47	0.00	180.00	0.00	0.00	1,582.36
2005	14,570.70	429.76	693.26	7.59	0.00	545.50	18.76	74.88	0.00	270.00	0.00	0.00	1,609.99
2006	14,509.66	426.15	653.79	6.98	0.00	502.21	16.66	70.50	0.00	294.00	0.00	0.00	1,544.14
2007	14,326.36	418.68	617.29	6.43	0.00	462.55	14.80	65.31	0.00	282.00	0.00	0.00	1,448.40
2008	14,004.63	408.28	623.52	5.92	0.00	436.16	13.24	60.38	0.00	270.00	0.00	0.00	1,409.22
2009	13,622.63	395.45	589.02	5.45	0.00	404.91	11.77	55.69	0.00	258.00	0.00	0.00	1,324.83
2010	13,136.28	379.61	554.64	5.02	0.00	374.92	10.37	53.06	0.00	246.00	0.00	0.00	1,244.01

FY	Non-Petrol. Non-Intr'st Revenues	AHFC Dividends	Personal Income Tax	State Sales Tax	Other	Total Non- Resource Revenues	STATE SPENDING					DRAW FROM PERMANENT FUND	Draw as %-age of Perm. Fund
							Education (K-12)	Other Operating	PFDs	Capital	TOTAL		
1998	260.45	44.39	925.12	0.00	0.00	1,229.96	811.51	1,962.51	219.54	150.00	3,143.57	1,913.60	13.73%
1999	260.01	43.03	952.10	0.00	0.00	1,255.14	824.41	1,993.72	222.67	150.00	3,190.79	1,935.66	13.69%
2000	259.54	41.70	979.94	0.00	0.00	1,281.19	837.52	2,025.42	225.32	150.00	3,238.25	1,957.07	13.68%
2001	259.09	40.41	1,008.68	0.00	0.00	1,308.18	850.84	2,057.62	227.12	150.00	3,285.58	1,977.40	13.71%
2002	258.65	39.17	1,122.77	0.00	0.00	1,420.59	864.37	2,090.34	227.99	150.00	3,332.69	1,912.10	13.21%
2003	258.19	37.96	1,268.37	0.00	0.00	1,564.53	916.11	2,215.47	228.66	150.00	3,510.23	1,945.70	13.40%
2004	257.74	36.79	1,434.23	0.00	0.00	1,728.76	978.17	2,365.56	229.20	150.00	3,722.92	1,994.16	13.70%
2005	257.29	35.66	1,555.83	0.00	0.00	1,848.78	1,044.39	2,525.69	229.49	150.00	3,949.56	2,100.79	14.42%
2006	256.84	34.56	1,660.83	0.00	0.00	1,952.23	1,090.38	2,636.91	228.53	150.00	4,105.82	2,153.58	14.84%
2007	256.40	33.49	1,754.84	0.00	0.00	2,044.73	1,128.59	2,729.32	225.64	150.00	4,233.55	2,188.82	15.28%
2008	255.95	32.46	1,853.85	0.00	0.00	2,142.26	1,161.73	2,809.47	220.57	150.00	4,341.78	2,199.51	15.71%
2009	255.50	31.46	1,958.10	0.00	0.00	2,245.06	1,195.65	2,891.49	214.56	150.00	4,451.69	2,206.63	16.20%
2010	255.06	30.49	2,067.84	0.00	0.00	2,353.39	1,230.34	2,975.39	206.90	150.00	4,562.63	2,209.25	16.82%