

STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
Suite 965
800 NE Oregon St. #28
Portland, Oregon 97232

OPEN-FILE REPORT O-94-6

MIST GAS FIELD PRODUCTION FIGURES
1979-1992

By Dennis Olmstead and Dan Wermiel
Oregon Department of Geology and Mineral Industries

1994

		1981	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	1981
Reichhold Energy Columbia County 1	Mcf		24,332	21,719	20,199	24,239	25,018	23,330	23,680	23,473	21,754	23,088	19,170	17,969	267,971	Mcf
	Tbg pres		521	510	495	459	427	400	364	333	300	262	253	247		Tbg pres
	Csg pres		545	515	503	460	427	400	365	337	302	266	253	249		Csg pres
	Therms		219,715	196,120	182,395	218,880	225,889	210,666	213,864	211,965	196,441	208,485	173,104	162,256	2,419,780	Therms
	Btu/cf		903	903	903	903	903	903	903	903	903	903	903	903		Btu/cf
	\$/therm		0.2667	0.2698	0.2729	0.2761	0.2787	0.2813	0.2840	0.2863	0.2886	0.2909	0.2940	0.2971		\$/therm
	Total \$		\$58,598	\$52,913	\$49,776	\$60,433	\$62,955	\$59,260	\$60,737	\$60,686	\$56,693	\$60,648	\$50,893	\$48,206	\$681,798	Total \$
Reichhold Energy Columbia County 3	Mcf		55,017	48,460	45,181	50,906	52,075	48,647	48,351	49,754	45,226	49,682	48,294	49,256	590,849	Mcf
	Tbg pres		603	581	561	546	530	508	481	460	441	424	401	383		Tbg pres
	Csg pres		620	597	574	562	546	524	501	478	458	441	418	398		Csg pres
	Therms		494,059	435,174	405,721	457,141	467,628	436,855	434,191	446,794	406,117	446,147	433,678	442,318	5,305,823	Therms
	Btu/cf		898	898	898	898	898	898	898	898	898	898	898	898		Btu/cf
	\$/therm		0.2667	0.2698	0.2729	0.2761	0.2787	0.2813	0.2840	0.2863	0.2886	0.2909	0.2940	0.2971		\$/therm
	Total \$		\$131,766	\$117,410	\$110,721	\$126,217	\$130,328	\$122,887	\$123,310	\$127,917	\$117,205	\$129,784	\$127,501	\$131,413	\$1,496,460	Total \$
Reichhold Energy Columbia County 6	Mcf		200,298	180,500	149,038	73,631	87,768	119,346	121,589	115,395	73,770	53,301	59,189	58,702	1,292,527	Mcf
	Tbg pres		536	481	482	455	425	409	388	354	380	294	303	290		Tbg pres
	Csg pres		594	563	543	552	537	500	477	452	440	433	401	380		Csg pres
	Therms		1,796,673	1,619,085	1,336,868	660,467	787,300	1,070,534	1,090,654	1,035,091	661,718	478,108	530,928	526,556	11,593,982	Therms
	Btu/cf		897	897	897	897	897	897	897	897	897	897	897	897		Btu/cf
	\$/therm		0.2667	0.2698	0.2729	0.2761	0.2787	0.2813	0.2840	0.2863	0.2886	0.2909	0.2940	0.2971		\$/therm
	Total \$		\$479,173	\$436,829	\$364,831	\$182,355	\$219,421	\$301,141	\$309,746	\$296,347	\$190,972	\$139,082	\$156,093	\$156,440	\$3,232,428	Total \$
Reichhold Energy Columbia County 10	Mcf		181,720	148,097	141,741	173,029	130,811	112,933	126,172	75,636	84,736	86,980	70,648	54,397	1,386,900	Mcf
	Tbg pres		527	468	518	470	471	449	390	364	371	399	252	255		Tbg pres
	Csg pres		606	597	577	534	510	490	457	410	413	353	376	366		Csg pres
	Therms		1,737,245	1,415,806	1,355,045	1,654,163	1,250,554	1,079,639	1,206,203	723,082	810,074	831,530	675,394	520,034	13,258,769	Therms
	Btu/cf		956	956	956	956	956	956	956	956	956	956	956	956		Btu/cf
	\$/therm		0.2667	0.2698	0.2729	0.2761	0.2787	0.2813	0.2840	0.2863	0.2886	0.2909	0.2940	0.2971		\$/therm
	Total \$		\$463,323	\$381,984	\$369,792	\$456,714	\$348,529	\$303,702	\$342,562	\$207,018	\$233,787	\$241,892	\$198,566	\$154,502	\$3,702,373	Total \$
Reichhold Energy Columbia County 13-1	Mcf											13,412	0	0	13,412	Mcf
	Tbg pres											719	-	-		Tbg pres
	Csg pres											748	-	-		Csg pres
	Therms											104,751	0	0	104,751	Therms
	Btu/cf											781	-	-		Btu/cf
	\$/therm											0.2909	-	-		\$/therm
	Total \$											\$30,472	\$0	\$0	\$30,472	Total \$
Reichhold Energy Columbia County 33-3	Mcf		186,758	163,426	144,353	176,895	123,890	89,838	83,660	48,010	85,033	89,115	93,145	93,302	1,377,425	Mcf
	Tbg pres		617	564	568	536	514	491	400	443	427	412	364	345		Tbg pres
	Csg pres		702	661	619	580	556	545	526	512	488	467	437	413		Csg pres
	Therms		1,776,073	1,554,179	1,372,796	1,682,270	1,178,189	854,361	795,608	456,571	808,658	847,486	885,808	887,302	13,099,301	Therms
	Btu/cf		951	951	951	951	951	951	951	951	951	951	951	951		Btu/cf
	\$/therm		0.2667	0.2698	0.2729	0.2761	0.2787	0.2813	0.2840	0.2863	0.2886	0.2909	0.2940	0.2971		\$/therm
	Total \$		\$473,679	\$419,317	\$374,636	\$464,475	\$328,361	\$240,332	\$225,953	\$130,716	\$233,379	\$246,534	\$260,428	\$263,617	\$3,661,426	Total \$
Reichhold Energy Crown Zellerbach 42-1	Mcf													4,761	4,761	Mcf
	Tbg pres													291		Tbg pres
	Csg pres													300		Csg pres
	Therms													42,285	42,285	Therms
	Btu/cf													888		Btu/cf
	\$/therm													0.2971		\$/therm
	Total \$													\$12,563	\$12,563	Total \$
**** TOTAL MCF FOR THIS YEAR.....															4,933,845	
TOTAL CUM. MCF TO DATE.....															9,867,390	

	Production 1982	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Production 1982
Reichhold Energy Columbia County 1	Mcf	10,120	9,765	11,737	10,115	11,273	9,773	3,902	2,384	1,626	412	19	shut in	71,126	Mcf
	Tbg pres	242	247	246	241	214	188	177	156	150	154	142			Tbg pres
	Csg pres	286	309	267	275	245	199	263	296	297	296	294			Csg pres
	Therms	91,383	88,174	105,984	91,337	101,801	88,247	35,229	21,529	14,682	3,719	173		642,258	Therms
	Btu/cf	903	903	903	903	903	903	903	903	903	902	902			Btu/cf
	\$/therm	0.3003	0.3033	0.3063	0.3093	0.3112	0.3132	0.3152	0.3176	0.3200	0.3224	0.3249			\$/therm
	Total \$	\$27,442	\$26,743	\$32,463	\$28,251	\$31,680	\$27,639	\$11,104	\$6,838	\$4,698	\$1,199	\$56		\$198,114	Total \$
Reichhold Energy Columbia County 3	Mcf	48,605	44,194	49,149	46,280	48,662	41,396	48,639	48,131	47,709	47,385	45,604	48,432	564,186	Mcf
	Tbg pres	368	353	342	330	315	305	288	275	256	243	231	212		Tbg pres
	Csg pres	384	370	356	347	335	323	309	309	281	263	256	243		Csg pres
	Therms	436,474	396,861	441,358	415,597	436,977	371,735	436,778	432,215	428,425	426,466	410,437	435,895	5,069,218	Therms
	Btu/cf	898	898	898	898	898	898	898	898	898	900	900	900		Btu/cf
	\$/therm	0.3003	0.3033	0.3063	0.3093	0.3112	0.3132	0.3152	0.3176	0.3200	0.3224	0.3249	0.3274		\$/therm
	Total \$	\$131,073	\$120,368	\$135,188	\$128,544	\$135,987	\$116,427	\$137,672	\$137,271	\$137,096	\$137,493	\$133,351	\$142,712	\$1,593,183	Total \$
Reichhold Energy Columbia County 4	Mcf							2,056	27,454	41,790	58,402	57,971	61,454	249,127	Mcf
	Tbg pres							980	955	906	831	775	732		Tbg pres
	Csg pres							982	950	892	825	775	728		Csg pres
	Therms							18,752	250,380	386,145	538,462	534,493	566,601	2,294,833	Therms
	Btu/cf							912	912	924	922	922	922		Btu/cf
	\$/therm							0.3152	0.3176	0.3200	0.3224	0.3249	0.3274		\$/therm
	Total \$							\$5,911	\$79,521	\$123,566	\$173,600	\$173,657	\$185,505	\$741,760	Total \$
Reichhold Energy Columbia County 6	Mcf	56,459	51,034	54,868	50,257	53,966	43,505	55,135	56,061	51,299	40,273	42,868	47,233	602,958	Mcf
	Tbg pres	278	260	252	248	224	209	186	164	166	160	153	162		Tbg pres
	Csg pres	366	353	343	332	318	310	296	281	270	258	251	233		Csg pres
	Therms	506,435	457,768	492,163	450,798	484,078	390,241	494,564	502,863	460,147	361,251	384,522	423,684	5,408,514	Therms
	Btu/cf	897	897	897	897	897	897	897	897	897	897	897	897		Btu/cf
	\$/therm	0.3003	0.3033	0.3063	0.3093	0.3112	0.3132	0.3152	0.3176	0.3200	0.3224	0.3249	0.3274		\$/therm
	Total \$	\$152,082	\$138,841	\$150,750	\$139,432	\$150,645	\$122,223	\$155,887	\$159,709	\$147,247	\$116,467	\$124,931	\$138,714	\$1,696,929	Total \$
Reichhold Energy Columbia County 10	Mcf	32,725	14,897	20,693	19,617	20,831	17,452	17,718	3,436	29	5	shut in		147,403	Mcf
	Tbg pres	263	265	254	249	213	206	183	156	220	275				Tbg pres
	Csg pres	339	279	263	257	224	219	199	327	337	295				Csg pres
	Therms	312,852	142,414	197,829	187,534	199,147	166,838	169,385	32,845	280	51			1,409,175	Therms
	Btu/cf	956	956	956	956	956	956	956	956	897	960				Btu/cf
	\$/therm	0.3003	0.3033	0.3063	0.3093	0.3112	0.3132	0.3152	0.3176	0.3200	0.3224				\$/therm
	Total \$	\$3,949	\$43,194	\$60,595	\$58,004	\$61,975	\$52,254	\$53,390	\$10,432	\$90	\$16			\$433,899	Total \$
Reichhold Energy Columbia County 13-1	Mcf	0	0	0	0	0	10,269	13,690	335	shut in				24,294	Mcf
	Tbg pres	-	-	-	-	-	656	482	108						Tbg pres
	Csg pres	-	-	-	-	-	687	530	268						Csg pres
	Therms	0	0	0	0	0	80,199	107,465	2,787					190,451	Therms
	Btu/cf	-	-	-	-	-	781	785	785						Btu/cf
	\$/therm	-	-	-	-	-	0.3132	0.3152	0.3176						\$/therm
	Total \$	\$0	\$0	\$0	\$0	\$0	\$25,118	\$33,873	\$885					\$59,876	Total \$
Reichhold Energy Columbia County 33-3	Mcf	90,041	79,989	86,861	83,413	88,803	75,644	83,989	81,921	79,203	79,101	75,484	75,761	980,213	Mcf
	Tbg pres	350	334	314	295	270	256	279	247	229	228	213	205		Tbg pres
	Csg pres	399	388	378	357	352	343	292	318	308	298	287	277		Csg pres
	Therms	856,287	760,699	826,389	793,256	844,510	719,398	798,740	779,067	753,263	756,207	721,629	724,278	9,333,723	Therms
	Btu/cf	951	951	951	951	951	951	951	951	951	956	956	956		Btu/cf
	\$/therm	0.3003	0.3033	0.3063	0.3093	0.3112	0.3132	0.3152	0.3176	0.3200	0.3224	0.3249	0.3274		\$/therm
	Total \$	\$27,143	\$20,720	\$23,123	\$24,354	\$26,812	\$22,315	\$21,763	\$27,432	\$21,044	\$23,801	\$23,457	\$23,129	\$2,910,093	Total \$

Reichhold Energy	Mcf	1,983	1,001	758	611	1,090	1,173	888	736	559	430	472	404	10,105	Mcf	
Crown Zellerbach 42-1	Tbg pres	242	244	249	242	193	214	173	154	152	149	144	140		Tbg pres	
	Csg pres	262	263	262	253	215	223	186	165	163	162	160	156		Csg pres	
	Therms	17,608	8,890	6,729	5,424	9,677	10,414	7,884	6,538	5,028	3,882	4,256	3,646	89,976	Therms	
	Btu/cf	888	888	888	888	888	888	888	888	902	902	902	902		Btu/cf	
	\$/therm	0.3003	0.3033	0.3063	0.3093	0.3112	0.3132	0.3152	0.3176	0.3200	0.3224	0.3249	0.3274		\$/therm	
	Total \$	\$5,288	\$2,696	\$2,061	\$1,678	\$3,011	\$3,262	\$2,485	\$2,076	\$1,609	\$1,252	\$1,383	\$1,194	\$27,994	Total \$	
Reichhold Energy	Mcf	8,627	31,117	41,855	59,652	76,094	67,361	77,254	78,297	78,421	77,764	75,413	77,870	749,725	Mcf	
Longview Fibre 12-33	Tbg pres	879	875	850	826	801	784	764	747	724	745	670	628		Tbg pres	
	Csg pres	880	877	844	862	843	830	813	795	780	705	724	694		Csg pres	
	Therms	84,287	304,011	408,928	582,797	743,442	658,116	754,775	764,956	766,165	759,750	736,782	760,787	7,324,796	Therms	
	Btu/cf	977	977	977	977	977	977	977	977	977	977	977	977		Btu/cf	
	\$/therm	0.3003	0.3033	0.3063	0.3093	0.3112	0.3132	0.3152	0.3176	0.3200	0.3224	0.3249	0.3274		\$/therm	
	Total \$	\$25,311	\$92,207	\$125,255	\$180,259	\$231,359	\$206,122	\$237,905	\$242,950	\$245,173	\$244,943	\$239,380	\$249,082	\$2,319,946	Total \$	
											****	TOTAL MCF FOR THIS YEAR.....			3,399,137	
																TOTAL CUM. MCF TO DATE.....13,266,527

		Production													Total	Production	
		1983	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		1983	
Reichhold Energy Columbia County 3	Mcf		47,734	37,944	48,084	41,830	46,948	40,996	40,424	33,852	32,886	29,514	28,952	27,612	456,776	Mcf	
	Tbg pres		200	191	164	191	158	137	150	132	143	138	125	128		Tbg pres	
	Csg pres		228	222	218	207	193	185	172	170	160	155	151	147		Csg pres	
	Therms		429,611	341,493	432,756	376,469	422,530	368,962	363,822	304,671	295,980	265,628	260,558	248,507	4,110,987	Therms	
	Btu/cf		900	900	900	900	900	900	900	900	900	900	900	900		Btu/cf	
	\$/therm		0.3299	0.3321	0.3344	0.3367	0.3179	0.3184	0.3219	0.3190	0.3174	0.3168	0.2945	0.2962		\$/therm	
	Total \$		\$141,729	\$113,410	\$144,714	\$126,757	\$134,322	\$117,478	\$ 17,114	\$97,190	\$93,944	\$84,151	\$76,734	\$73,608	\$1,321,150	Total \$	
Reichhold Energy Columbia County 4	Mcf		61,031	45,012	60,024	58,269	61,579	55,362	44,591	44,732	41,761	26,365	18,263	22,141	539,130	Mcf	
	Tbg pres		700	666	648	604	564	501	441	407	350	317	241	150		Tbg pres	
	Csg pres		609	666	649	605	570	528	509	504	484	440	438	420		Csg pres	
	Therms		562,702	415,016	553,421	537,244	567,762	510,440	411,124	412,432	385,038	243,083	168,389	204,143	4,970,794	Therms	
	Btu/cf		922	922	922	922	922	922	922	922	922	922	922	922		Btu/cf	
	\$/therm		0.3299	0.3321	0.3344	0.3367	0.3179	0.3184	0.3219	0.3190	0.3174	0.3168	0.2945	0.2962		\$/therm	
	Total \$		\$185,635	\$137,827	\$185,064	\$180,890	\$180,492	\$162,524	\$132,341	\$131,566	\$122,211	\$77,009	\$49,591	\$60,467	\$1,605,616	Total \$	
Reichhold Energy Columbia County 6	Mcf		30,331	431	30,887	39,817	39,918	33,747	33,967	28,429	29,069	26,060	24,399	21,866	338,921	Mcf	
	Tbg pres		178	147	158	157	161	169	157	161	148	127	124	120		Tbg pres	
	Csg pres		226	265	190	189	180	178	166	163	149	147	139	140		Csg pres	
	Therms		272,065	3,863	277,056	357,156	358,066	302,715	304,687	255,009	260,745	233,761	218,860	196,144	3,040,127	Therms	
	Btu/cf		897	897	897	897	897	897	897	897	897	897	897	897		Btu/cf	
	\$/therm		0.3299	0.3321	0.3344	0.3367	0.3179	0.3184	0.3219	0.3190	0.3174	0.3168	0.2945	0.2962		\$/therm	
	Total \$		\$89,754	\$1,283	\$92,648	\$120,254	\$113,829	\$96,384	\$98,079	\$81,348	\$82,760	\$74,055	\$64,454	\$58,098	\$97,947	Total \$	
Reichhold Energy Columbia County 13-34	Mcf					5,502	16,420	14,408	12,337	12,412	15,787	14,492	21,595	23,707	136,660	Mcf	
	Tbg pres					841	812	740	736	800	723	773	760	720		Tbg pres	
	Csg pres					855	860	864	859	872	860	845	819	810		Csg pres	
	Therms					52,599	156,974	137,739	117,942	118,657	150,925	138,546	206,454	226,641	1,306,477	Therms	
	Btu/cf					956	956	956	956	956	956	956	956	956		Btu/cf	
	\$/therm					0.3367	0.3179	0.3184	0.3219	0.3190	0.3174	0.3168	0.2945	0.2962		\$/therm	
	Total \$					\$17,710	\$49,902	\$43,856	\$37,966	\$37,852	\$47,904	\$43,891	\$60,801	\$67,131	\$407,012	Total \$	
Reichhold Energy Columbia County 33-3	Mcf		73,208	59,419	69,731	62,337	63,818	58,342	60,124	55,630	55,473	50,310	51,612	51,171	711,175	Mcf	
	Tbg pres		200	205	191	197	189	190	179	178	168	157	153	151		Tbg pres	
	Csg pres		272	268	259	255	248	241	233	226	219	212	207	250		Csg pres	
	Therms		699,872	568,051	666,630	595,944	610,098	557,749	574,780	531,820	530,320	480,961	493,406	489,195	6,798,826	Therms	
	Btu/cf		956	956	956	956	956	956	956	956	956	956	956	956		Btu/cf	
	\$/therm		0.3299	0.3321	0.3344	0.3367	0.3179	0.3184	0.3219	0.3190	0.3174	0.3168	0.2945	0.2962		\$/therm	
	Total \$		\$230,888	\$188,650	\$222,921	\$200,654	\$193,950	\$177,587	\$185,022	\$169,651	\$168,324	\$152,368	\$145,308	\$144,900	\$2,180,222	Total \$	
Reichhold Energy Crown Zellerbach 42-1	Mcf		424	335	231	230	320	253	302	197	335	286	181	202	3,296	Mcf	
	Tbg pres		130	129	146	151	142	145	139	137	107	103	105	101		Tbg pres	
	Csg pres		150	146	145	136	126	130	120	119	109	102	106	104		Csg pres	
	Therms		3,823	3,025	2,080	2,075	2,886	2,283	2,726	1,773	3,019	2,577	1,635	1,321	29,725	Therms	
	Btu/cf		902	902	902	902	902	902	902	902	902	902	902	902		Btu/cf	
	\$/therm		0.3299	0.3321	0.3344	0.3367	0.3179	0.3184	0.3219	0.3190	0.3174	0.3168	0.2945	0.2962		\$/therm	
	Total \$		\$1,261	\$1,005	\$696	\$699	\$917	\$727	\$877	\$566	\$958	\$816	\$482	\$539	\$9,544	Total \$	
Reichhold Energy Longview Fibre 12-33	Mcf		76,415	35,012	41,304	47,844	60,639	58,950	60,687	52,094	49,567	37,144	39,677	26,955	586,288	Mcf	
	Tbg pres		591	581	565	529	457	414	368	395	359	332	310	381		Tbg pres	
	Csg pres		666	693	620	596	547	538	487	491	464	441	305	349		Csg pres	
	Therms		746,577	342,063	403,546	467,436	592,446	575,942	592,908	508,952	484,269	362,894	387,645	263,346	5,728,024	Therms	
	Btu/cf		977	977	977	977	977	977	977	977	977	977	977	977		Btu/cf	
	\$/therm		0.3299	0.3321	0.3344	0.3367	0.3179	0.3184	0.3219	0.3190	0.3174	0.3168	0.2945	0.2962		\$/therm	
	Total \$		\$246,296	\$113,599	\$134,946	\$157,386	\$188,339	\$183,380	\$190,857	\$162,255	\$153,707	\$114,965	\$114,161	\$78,301	\$1,837,994	Total \$	

Reichhold Energy
Paul 34-32

Mcf
Tbg pres
Csg pres
Therms
Btu/cf
\$/therm
Total \$

41,024	45,113	39,341	38,035	45,984	57,733	45,791	30,735	43,252	387,008	Mcf
999	963	934	908	880	821	683	722	578		Tbg pres
1022	1027	930	960	898	838	786	835	731		Csg pres
403675	443908	387118	374266	452477	568090	450587	302432	425599	3,808,152	Therms
984	984	984	984	984	984	984	984	984		Btu/cf
0.3367	0.3179	0.3184	0.3219	0.3190	0.3174	0.3168	0.2945	0.2962		\$/therm
\$135,917	\$141,118	\$123,258	\$120,476	\$144,340	\$180,312	\$142,746	\$89,066	\$126,062	\$1,203,297	Total \$
TOTAL MCF FOR THIS YEAR.....										3,159,254

TOTAL CUM. MCF TO DATE.....16,425,781

	Production 1984	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	Production 1984
Reichhold Energy Busch 14-15	Mcf									29,444	58,510	60,974	60,489	209,417	Mcf
	Tbg pres									800	733	706	670		Tbg pres
	Csg pres									707	746	738	699		Csg pres
	Therms									282,078	560,527	584,133	579,488	2,006,226	Therms
	Btu/cf									958	958	958	958		Btu/cf
	\$/therm									0.3067	0.3078	0.2674	0.2629		\$/therm
	Total \$									\$86,513	\$172,530	\$156,197	\$152,347	\$567,588	Total \$
Reichhold Energy Columbia County 3	Mcf	26,898	23,785	25,121	22,097	24,013	22,433	22,481	20,216	19,202	17,305	651	shut in	224,202	Mcf
	Tbg pres	126	121	117	117	118	113	145	105	102	110	150			Tbg pres
	Csg pres	147	137	133	145	129	128	158	120	115	119	150			Csg pres
	Therms	254,185	224,774	237,397	208,821	216,355	202,117	202,553	182,148	173,009	155,915	5,862		2,063,138	Therms
	Btu/cf	945	945	945	945	901	901	901	901	901	901	901			Btu/cf
	\$/therm	0.2853	0.2914	0.2880	0.2977	0.2954	0.3097	0.3006	0.3002	0.3067	0.3078	0.2540			\$/therm
	Total \$	\$72,519	\$65,499	\$68,370	\$62,166	\$63,911	\$62,596	\$60,887	\$54,681	\$53,062	\$47,991	\$1,489		\$613,172	Total \$
Reichhold Energy Columbia County 4	Mcf	3,965	19,856	20,532	18,582	13,715	11,816	15,692	15,086	14,744	13,583	8,978	shut in	156,549	Mcf
	Tbg pres	275	211	188	207	149	175	188	182	165	160	182			Tbg pres
	Csg pres	488	449	435	419	433	401	401	389	380	303	317			Csg pres
	Therms	37,829	189,427	195,872	177,270	126,866	109,297	145,149	139,540	136,380	125,641	83,047		1,466,318	Therms
	Btu/cf	954	954	954	954	925	925	925	925	925	925	925			Btu/cf
	\$/therm	0.2853	0.2914	0.2880	0.2977	0.2954	0.3097	0.3006	0.3002	0.3067	0.3078	0.2674			\$/therm
	Total \$	\$10,793	\$55,199	\$56,411	\$52,773	\$37,476	\$33,849	\$43,632	\$41,890	\$41,828	\$38,672	\$22,207		\$434,730	Total \$
Reichhold Energy Columbia County 6	Mcf	22,728	17,258	10,919	7,378	7,538	6,638	6,374	6,262	5,340	4,760	185	shut in	95,380	Mcf
	Tbg pres	117	122	120	123	119	115	114	110	108	113	150			Tbg pres
	Csg pres	132	132	132	135	131	128	128	127	124	127	153			Csg pres
	Therms	214,100	162,570	102,859	69,504	67,538	59,477	57,106	56,104	47,850	42,655	1,662		881,425	Therms
	Btu/cf	942	942	942	942	896	896	896	896	896	896	896			Btu/cf
	\$/therm	0.2853	0.2914	0.2880	0.2977	0.2954	0.3097	0.3006	0.3002	0.3067	0.3078	0.2540			\$/therm
	Total \$	61,083	47,373	29,623	20,691	19,951	18,420	17,166	16,842	14,676	13,129	\$422		259,377	Total \$
Reichhold Energy Columbia County 13-34	Mcf	27,365	32,455	34,372	28,964	31,200	29,793	31,163	30,726	29,022	28,184	30,223	31,306	364,773	Mcf
	Tbg pres	710	748	741	743	707	702	689	700	696	695	697	690		Tbg pres
	Csg pres	770	758	751	742	715	709	698	705	705	700	707	655		Csg pres
	Therms	268,450	318,386	337,187	284,140	303,579	289,891	303,217	298,967	282,385	274,233	294,073	304,611	3,559,119	Therms
	Btu/cf	981	981	981	981	973	973	973	973	973	973	973	973		Btu/cf
	\$/therm	0.2853	0.2914	0.2880	0.2977	0.2954	0.3097	0.3006	0.3002	0.3067	0.3078	0.2674	0.2629		\$/therm
	Total \$	\$76,589	\$92,778	\$97,110	\$84,588	\$89,677	\$89,779	\$91,147	\$89,750	\$86,607	\$84,409	\$78,635	\$81,453	\$1,042,522	Total \$
Reichhold Energy Columbia County 23-22	Mcf				20,539	65,525	73,834	80,230	77,387	74,654	71,933	75,333	81,256	620,691	Mcf
	Tbg pres				676	654	638	637	624	603	602	590	580		Tbg pres
	Csg pres				685	667	656	647	639	630	630	668	602		Csg pres
	Therms				199,030	630,355	710,285	771,816	744,460	718,169	691,997	724,698	781,690	5,972,500	Therms
	Btu/cf				969	962	962	962	962	962	962	962	962		Btu/cf
	\$/therm				0.2977	0.2954	0.3097	0.2884	0.2893	0.2963	0.2969	0.2540	0.2500		\$/therm
	Total \$				\$59,251	\$186,207	\$219,975	\$222,592	\$225,372	\$212,793	\$205,454	\$184,073	\$195,423	\$1,701,141	Total \$
Reichhold Energy Columbia County 33-3	Mcf	50,703	45,095	47,297	40,215	42,904	39,554	41,170	38,767	35,633	32,048	1,226	shut in	414,612	Mcf
	Tbg pres	143	145	141	143	132	134	128	121	122	126	180			Tbg pres
	Csg pres	192	186	181	179	173	170	165	159	154	154	180			Csg pres
	Therms	493,848	439,227	460,672	391,694	409,309	377,347	392,770	369,834	339,940	305,737	11,697		1,992,075	Therms
	Btu/cf	974	974	974	974	954	954	954	954	954	954	954			Btu/cf
	\$/therm	0.2853	0.2914	0.2880	0.2977	0.2954	0.3097	0.3006	0.3002	0.3067	0.3078	0.2540			\$/therm
	Total \$	\$140,895	\$127,991	\$132,674	\$116,607	\$120,910	\$116,864	\$118,067	\$111,024	\$104,260	\$94,106	\$2,971		\$1,186,368	Total \$

Reichhold Energy	Mcf	15,260	34,843	38,565	36,202	34,510	31,950	38,340	34,978	264,648	Mcf				
Columbia County 43-22	Tbg pres	612	597	582	573	552	548	467	439		Tbg pres				
	Csg pres	607	592	583	575	553	551	474	452		Csg pres				
	Therms	146,344	334,143	369,833	347,179	330,953	306,403	367,677	335,439	2,537,971	Therms				
	Btu/cf	959	959	959	959	959	959	959	959		Btu/cf				
	\$/therm	0.2954	0.3097	0.2884	0.2893	0.2963	0.2969	0.2540	0.2500		\$/therm				
	Total \$	\$43,230	\$103,484	\$106,660	\$100,439	\$98,061	\$90,971	\$93,390	\$83,860	\$720,095	Total \$				
Reichhold Energy	Mcf						4,471	28,977	37,741	71,189	Mcf				
Columbia County 43-27	Tbg pres						-	619	597		Tbg pres				
	Csg pres						-	622	607		Csg pres				
	Therms						38,450	263,404	343,064	644,918	Therms				
	Btu/cf						860	909	909		Btu/cf				
	\$/therm						0.2969	0.2540	0.2500		\$/therm				
	Total \$						\$11,416	\$66,905	\$85,766	\$164,086	Total \$				
Reichhold Energy	Mcf	262	180	223	208	141	192	197	170	137	115	shut in	1,825	Mcf	
Crown Zellerbach 42-1	Tbg pres	92	97	90	88	88	85	85	82	86	81			Tbg pres	
	Csg pres	95	98	92	90	92	87	85	82	88	82			Csg pres	
	Therms	2,479	1,709	2,203	1,967	1,282	1,741	1,786	1,542	1,239	1,041		16,989	Therms	
	Btu/cf	947	947	947	947	908	908	908	908	908	908			Btu/cf	
	\$/therm	0.2853	0.2914	0.2880	0.2977	0.2954	0.3097	0.3006	0.3002	0.3067	0.3078			\$/therm	
	Total \$	\$707	\$498	\$634	\$586	\$379	\$539	\$537	\$463	\$380	\$320		\$5,043	Total \$	
Reichhold Energy	Mcf	25,078	27,152	27,959	21,200	17,422	28,068	32,878	34,403	29,718	24,111	15,637	3,337	286,963	Mcf
Longview Fibre 12-33	Tbg pres	356	353	356	355	340	327	291	276	294	292	300	318		Tbg pres
	Csg pres	357	361	362	330	324	310	309	303	302	295	289	272		Csg pres
	Therms	247,268	267,721	275,679	209,035	170,566	274,776	321,877	336,803	290,939	236,045	153,085	32,673	2,816,467	Therms
	Btu/cf	986	986	986	986	979	979	979	979	979	979	979	979		Btu/cf
	\$/therm	0.2853	0.2914	0.2880	0.2977	0.2954	0.3097	0.3006	0.3002	0.3067	0.3078	0.2674	0.2629		\$/therm
	Total \$	\$70,546	\$78,014	\$79,396	\$62,230	\$50,385	\$85,098	\$96,756	\$101,108	\$89,231	\$72,655	\$40,935	\$8,590	\$834,943	Total \$
Reichhold Energy	Mcf	28,603	19,500	19,459	3,625	4,166	6,318	shut in						81,671	Mcf
Paul 34-32	Tbg pres	388	362	370	368	355	288								Tbg pres
	Csg pres	604	578	616	585	720	561								Csg pres
	Therms	281,742	192,077	191,673	35,707	40,997	62,163							804,359	Therms
	Btu/cf	985	985	985	985	984	984								Btu/cf
	\$/therm	0.2853	0.2914	0.2880	0.2977	0.2954	0.3097								\$/therm
	Total \$	\$80,381	\$55,971	\$55,202	\$10,630	\$12,111	\$19,252							\$233,546	Total \$

***** TOTAL MCF FOR THIS YEAR..... 2,791,920

TOTAL CUM. MCF TO DATE.....19,217,701

		Production														Production	
		1985	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total	1985	
ARCO	Mcf		87,293	76,758	110,854	106,938	109,922	108,370	112,048	110,696	107,730	95,474	107,776	109,220	1,243,079	Mcf	
Columbia County 23-22	Tbg pres		559	546	517	502	487	477	459	453	433	430	415	400		Tbg pres	
	Csg pres		590	580	568	554	543	533	517	511	495	490	480	465		Csg pres	
	Therms		839,761	739,947	1,068,635	1,030,882	1,060,754	1,055,768	1,081,263	1,068,212	1,039,586	921,324	1,046,509	1,060,527	12,003,168	Therms	
	Btu/cf		962	964	964	964	965	965	965	965	965	965	971	971		Btu/cf	
	\$/therm		0.25528	0.25376	0.26222	0.26423	0.26434	0.26722	0.24697	0.24733	0.24806	0.24087	0.23530	0.2321		\$/therm	
	Total \$		\$214,374	\$187,769	\$280,217	\$272,390	\$280,400	\$279,450	\$267,040	\$264,201	\$257,880	\$221,919	\$246,244	\$246,159	\$3,018,042	Total \$	
ARCO	Mcf		30,184	20,144	24,331	25,448	20,668	23,041	22,832	25,676	25,154	22,857	23,244	22,686	286,265	Mcf	
Columbia County 43-22	Tbg pres		415	447	445	375	401	383	361	338	313	310	310	300		Tbg pres	
	Csg pres		440	465	463	410	450	426	402	382	362	360	360	350		Csg pres	
	Therms		289,461	193,582	233,823	244,560	198,617	221,418	219,418	246,749	241,728	219,655	224,302	218,912	2,757,225	Therms	
	Btu/cf		959	961	961	961	961	961	961	961	961	961	965	965		Btu/cf	
	\$/therm		0.25528	0.25376	0.26222	0.26423	0.26434	0.26722	0.24697	0.24733	0.24806	0.24087	0.23530	0.2321		\$/therm	
	Total \$		\$73,894	\$49,123	\$61,313	\$64,620	\$52,502	\$59,167	\$54,190	\$61,028	\$59,963	\$52,908	\$52,778	\$50,812	\$692,299	Total \$	
ARCO	Mcf		42,251	38,273	46,316	40,499	45,605	45,120	46,788	48,926	52,361	48,602	52,269	54,064	561,074	Mcf	
Columbia County 43-27	Tbg pres		583	575	567	552	546	537	525	514	486	480	470	455		Tbg pres	
	Csg pres		585	587	577	577	557	549	537	527	504	500	490	470		Csg pres	
	Therms		384,058	347,902	421,010	368,135	414,548	407,889	422,967	422,283	473,339	436,932	469,896	486,038	5,054,997	Therms	
	Btu/cf		909	909	909	909	909	904	904	904	904	899	899	899		Btu/cf	
	\$/therm		0.25528	0.25376	0.26222	0.26423	0.26434	0.26722	0.24697	0.24733	0.24806	0.24087	0.23530	0.2321		\$/therm	
	Total \$		\$98,042	\$88,284	\$110,397	\$97,272	\$109,582	\$108,996	\$104,460	\$104,443	\$117,416	\$105,244	\$110,567	\$112,814	\$1,267,518	Total \$	
ARCO	Mcf						23,279	30,254	31,562	31,223	30,761	31,103	40,660	42,558	261,400	Mcf	
Columbia County 44-21	Tbg pres						737	724	716	703	689	680	660	640		Tbg pres	
	Csg pres						734	726	713	704	687	680	660	640		Csg pres	
	Therms						216,023	280,754	292,898	289,750	281,912	292,461	387,084	405,148	2,446,030	Therms	
	Btu/cf						928	928	928	928	928	952	952	952		Btu/cf	
	\$/therm						0.2643	0.2672	0.2470	0.2473	0.2481	0.24087	0.23530	0.2321		\$/therm	
	Total \$						\$57,104	\$75,023	\$72,337	\$71,664	\$69,931	\$70,445	\$91,081	\$94,039	\$601,623	Total \$	
ARCO	Mcf					21,683	43,231	40,026	42,751	44,378	44,436	39,312	40,014	34,545	350,376	Mcf	
Longview Fibre 23-36	Tbg pres					473	429	414	391	375	341	330	315	300		Tbg pres	
	Csg pres					472	438	423	403	384	354	340	330	310		Csg pres	
	Therms					185,172	368,333	341,021	364,238	378,105	378,595	329,039	335,323	289,484	2,969,310	Therms	
	Btu/cf					854	852	852	852	852	852	837	838	838		Btu/cf	
	\$/therm					0.26423	0.26434	0.26722	0.24697	0.24733	0.24806	0.24087	0.23530	0.2332		\$/therm	
	Total \$					\$48,928	\$97,365	\$91,128	\$89,956	\$93,517	\$93,914	\$79,256	\$78,902	\$67,511	\$740,476	Total \$	
Reichhold Energy	Mcf		60,420	55,441	62,710	53,707	60,499	60,462	62,641	60,721	61,725	50,241	40,214	24,796	653,577	Mcf	
Busch 14-15	Tbg pres		629	600	574	545	430	470	426	394	335	330	310	300		Tbg pres	
	Csg pres		645	617	598	561	523	492	451	421	368	350	325	300		Csg pres	
	Therms		578,829	531,127	600,764	514,513	577,765	577,413	598,224	579,882	589,472	479,798	385,648	237,788	6,251,223	Therms	
	Btu/cf		958	958	958	955	955	955	955	955	955	955	959	959		Btu/cf	
	\$/therm		0.26775	0.26706	0.27317	0.27421	0.27913	0.28129	0.26099	0.26110	0.26197	0.25585	0.24893	0.2462		\$/therm	
	Total \$		\$154,981	\$141,843	\$164,111	\$141,085	\$161,272	\$162,421	\$156,130	\$151,407	\$154,424	\$122,756	\$95,999	\$58,546	\$1,664,975	Total \$	
Reichhold Energy	Mcf		31,150	28,454	31,982	27,158	34,870	38,496	40,058	40,047	38,723	33,271	39,107	40,999	424,315	Mcf	
Columbia County 13-34	Tbg pres		686	684	674	698	615	611	588	586	576	515	560	550		Tbg pres	
	Csg pres		693	681	681	704	626	620	600	597	587	630	570	560		Csg pres	
	Therms		303,082	276,859	311,188	264,247	338,937	374,176	389,370	389,255	376,384	323,396	381,683	400,154	4,128,731	Therms	
	Btu/cf		973	973	973	973	972	972	972	972	972	972	976	976		Btu/cf	
	\$/therm		0.26775	0.26706	0.27317	0.27421	0.28129	0.26099	0.26110	0.26197	0.25585	0.25585	0.24893	0.2462		\$/therm	
	Total \$		\$81,150	\$73,938	\$85,007	\$72,459	\$95,340	\$97,656	\$101,665	\$101,973	\$96,298	\$82,741	\$95,012	\$98,522	\$1,081,761	Total \$	

Reichhold Energy	Mcf	20,419	22,967	25,692	25,342	25,998	26,379	26,477	24,844	22,691	21,412	18,627	16,780	277,628	Mcf
Longview Fibre 12-33	Tbg pres	277	293	245	293	207	174	163	157	158	145	140	130		Tbg pres
	Csg pres	274	320	273	317	229	224	215	211	77	20	10	20		Csg pres
	Therms	199,900	224,846	251,523	248,104	254,782	258,516	259,477	243,475	222,374	209,834	182,354	164,277	2,719,462	Therms
	Btu/cf	979	979	979	979	980	980	980	980	980	980	979	979		Btu/cf
	\$/therm	0.26775	0.26706	0.27317	0.27421	0.27913	0.28129	0.26099	0.26110	0.26197	0.25585	0.24893	0.2462		\$/therm
	Total \$	\$53,523	\$60,047	\$68,709	\$68,033	\$71,117	\$72,718	\$67,721	\$63,571	\$58,255	\$53,686	\$45,393	\$40,447	\$723,221	Total \$
Tenneco	Mcf												2,729	2,729	Mcf
Columbia Co. 41-28	Tbg pres												653		Tbg pres
	Csg pres												660		Csg pres
	Therms												25,954	25,954	Therms
	Btu/cf												951		Btu/cf
	\$/therm												0.2321		\$/therm
	Total \$												\$6,024	\$6,024	Total \$

*** TOTAL MCF FOR THIS YEAR..... 4,060,443

TOTAL CUM. MCF TO DATE.....23,278,144

		Production													Production	
		1986	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	1986	
ARCO	Mcf	21,009	42,321	45,070	43,076	37,677	26,422	27,408	23,823	18,733	14,286	13,927	12,915	326,667	Mcf	
Busch 14-15	Tbg pres	285	240	200	165	140	129	107	91	76	72	58	49		Tbg pres	
	Csg pres	295	260	240	200	165	148	126	107	90	82	68	57		Csg pres	
	Therms	202,792	409,239	435,820	415,436	360,948	253,117	259,832	225,835	178,482	136,862	133,425	123,454	3,135,242	Therms	
	Btu/cf	964	967	967	958	958	958	948	948	953	958	958	956		Btu/cf	
	\$/therm	0.2492	0.2534	0.2414	0.1854	0.1838	0.1792	0.1808	0.1463	0.1453	0.1480	0.1363	0.1467		\$/therm	
	Total \$	\$50,536	\$103,701	\$105,203	\$77,005	\$66,349	\$45,359	\$46,978	\$33,040	\$25,937	\$20,254	\$18,179	\$18,116	\$610,656	Total \$	
ARCO	Mcf	41,022	36,742	40,470	39,048	40,092	38,044	39,176	39,590	37,727	37,473	38,492	39,847	467,723	Mcf	
Columbia County 13-34	Tbg pres	560	550	560	585	590	576	572	565	561	534	529	530		Tbg pres	
	Csg pres	570	560	570	595	600	586	583	575	572	544	540	542		Csg pres	
	Therms	400,368	358,599	394,987	381,106	391,298	368,226	378,833	382,838	365,321	364,243	374,138	387,073	4,547,050	Therms	
	Btu/cf	976	976	976	976	976	967	967	967	970	972	972	971		Btu/cf	
	\$/therm	0.2492	0.2534	0.2548	0.2003	0.2015	0.1969	0.1985	0.1640	0.1630	0.1657	0.1540	0.1645		\$/therm	
	Total \$	\$99,772	\$90,869	\$100,623	\$76,336	\$78,862	\$72,511	\$75,198	\$62,797	\$59,562	\$60,359	\$57,617	\$63,661	\$898,167	Total \$	
ARCO	Mcf											49,862	77,251	94,985	222,098	Mcf
Columbia County 14-23	Tbg pres											585	554	526		Tbg pres
	Csg pres											551	581	565		Csg pres
	Therms											468,707	723,064	889,679	2,081,450	Therms
	Btu/cf											940	937	937		Btu/cf
	\$/therm											0.1480	0.1363	0.1467		\$/therm
	Total \$											\$69,369	\$98,554	\$130,551	298,474	Total \$
ARCO	Mcf	111,527	98,433	103,760	98,789	97,970	73,477	77,734	88,754	82,350	63,246	47,727	41,335	985,102	Mcf	
Columbia County 23-22	Tbg pres	380	370	365	355	350	378	366	337	330	353	369	375		Tbg pres	
	Csg pres	450	440	430	420	410	415	366	337	380	384	386	387		Csg pres	
	Therms	1,082,021	954,803	1,006,473	958,257	950,309	712,726	747,024	852,928	791,386	607,793	459,489	398,270	9,521,479	Therms	
	Btu/cf	970	970	970	970	970	970	961	961	961	961	963	963		Btu/cf	
	\$/therm	0.2349	0.2397	0.2414	0.1854	0.1838	0.1792	0.1808	0.1463	0.1453	0.1480	0.1363	0.1467		\$/therm	
	Total \$	\$254,167	\$228,866	\$242,953	\$177,623	\$174,686	\$127,720	\$135,062	\$124,783	\$115,004	\$89,947	\$62,605	\$58,442	\$1,791,859	Total \$	
ARCO	Mcf						10,350	31,592	37,514	35,659	36,167	28,605	36,057	215,944	Mcf	
Columbia County 32-32	Tbg pres						766	754	735	724	715	713	694		Tbg pres	
	Csg pres						765	753	736	725	715	716	696		Csg pres	
	Therms						98,218	299,805	356,009	338,407	343,225	273,059	344,264	2,052,987	Therms	
	Btu/cf						949	949	949	949	949	953	955		Btu/cf	
	\$/therm						0.1792	0.1989	0.1644	0.1634	0.1661	0.1454	0.1649		\$/therm	
	Total \$						\$17,601	\$59,631	\$58,528	\$55,309	\$57,017	\$39,714	\$56,759	\$344,558	Total \$	
ARCO	Mcf	18,698	18,906	19,694	19,759	19,914	16,613	17,917	19,755	18,729	16,907	14,757	15,053	216,702	Mcf	
Columbia County 43-22	Tbg pres	310	320	330	320	320	359	347	312	307	338	377	371		Tbg pres	
	Csg pres	360	380	390	380	380	424	410	375	381	409	438	443		Csg pres	
	Therms	180,433	182,436	190,046	190,676	191,375	159,650	172,193	189,849	180,265	162,986	142,252	144,711	2,086,872	Therms	
	Btu/cf	965	965	965	965	961	961	961	961	963	964	964	962		Btu/cf	
	\$/therm	0.2349	0.2397	0.2414	0.1854	0.1838	0.1792	0.1808	0.1463	0.1453	0.1480	0.1363	0.1467		\$/therm	
	Total \$	\$42,384	\$43,730	\$45,875	\$35,344	\$35,179	\$28,609	\$31,132	\$27,775	\$26,196	\$24,120	\$19,382	\$21,235	\$380,961	Total \$	
ARCO	Mcf	54,565	48,317	54,090	52,039	54,432	43,120	43,270	47,560	42,738	25,837	23,454	15,737	505,779	Mcf	
Columbia County 43-27	Tbg pres	440	430	410	400	380	393	368	333	325	347	370	373		Tbg pres	
	Csg pres	460	445	430	420	400	407	389	363	356	386	390	414		Csg pres	
	Therms	490,543	434,372	486,264	480,076	499,690	395,847	388,569	428,620	392,304	237,954	216,008	144,150	4,594,397	Therms	
	Btu/cf	899	899	899	918	918	918	898	915	918	921	921	910		Btu/cf	
	\$/therm	0.2349	0.2397	0.2414	0.1854	0.1838	0.1792	0.1808	0.1463	0.1453	0.1480	0.1363	0.1467		\$/therm	
	Total \$	\$115,329	\$104,119	\$117,379	\$88,987	\$91,853	\$70,216	\$70,253	\$62,707	\$57,010	\$35,215	\$29,431	\$21,153	\$864,271	Total \$	

ARCO	Mcf	44,473	39,624	43,144	41,100	41,767	26,433	25,443	26,115	10,657	32,648	34,973	33,441	399,818	Mcf
Columbia County 44-21	Tbg pres	600	560	520	470	415	389	347	312	304	249	173	115		Tbg pres
	Csg pres	600	565	525	480	420	395	354	318	306	266	196	146		Csg pres
	Therms	423,377	377,224	404,690	385,516	391,776	247,950	238,659	244,957	100,039	306,894	328,741	312,650	3,762,473	Therms
	Btu/cf	952	952	938	938	938	938	938	938	939	940	940	935		Btu/cf
	\$/therm	0.2349	0.2397	0.1854	0.1854	0.1838	0.1792	0.1808	0.1463	0.1453	0.1480	0.1363	0.1467		\$/therm
	Total \$	\$99,451	\$90,421	\$75,013	\$71,459	\$72,016	\$44,433	\$43,150	\$35,837	\$14,538	\$45,417	\$44,791	\$45,878	\$682,404	Total \$
ARCO	Mcf						5,426	11,280	7,542	4681	2290	2,462	1,973	35,654	Mcf
Crown Zellerbach 12-1	Tbg pres						400	355	328	325	352	367	375		Tbg pres
	Csg pres						405	378	373	366	370	371	375		Csg pres
	Therms						39,937	83,700	55,958	34,730	16,991	18,906	15,190	265,412	Therms
	Btu/cf						736	742	748	742	742	770	770		Btu/cf
	\$/therm						0.1894	0.1909	0.1565	0.1555	0.1582	0.1464	0.1569		\$/therm
	Total \$						\$7,564	\$15,978	8,757	\$5,401	\$2,687	\$2,768	\$2,384	45,540	Total \$
ARCO	Mcf	12,566	15,654	17,205	16,609	17,156	16,212	15,520	15,289	15,121	12,719	16,224	15,650	185,925	Mcf
Longview Fibre 12-33	Tbg pres	150	120	119	118	119	121	112	110	110	138	109	105		Tbg pres
	Csg pres	20	10	6	5	0	3								Csg pres
	Therms	123,019	153,259	168,435	162,606	167,773	158,232	151,486	149,222	147,576	124,138	158,764	153,213	1,817,723	Therms
	Btu/cf	979	979	979	979	978	976	976	976	976	976	978	979		Btu/cf
	\$/therm	0.2492	0.2534	0.2548	0.2003	0.2015	0.1969	0.1985	0.1640	0.1630	0.1657	0.1540	0.1645		\$/therm
	Total \$	\$30,656	\$38,836	\$42,909	\$32,570	\$33,813	\$31,159	\$30,070	\$24,477	\$24,061	\$20,571	\$24,445	\$25,197	\$358,764	Total \$
ARCO	Mcf		30,279	53,052	21,341	8,773	2,624	0	2,591	33,671	16,511	13,023	12,705	194,570	Mcf
Longview Fibre 23-25	Tbg pres		400	346	320	316	314	-	318	262	231	223	208		Tbg pres
	Csg pres		410	357	322	317	314	-	319	270	243	225	209		Csg pres
	Therms		282,501	510,363	205,295	84,393	25,243	0	11,427	305,827	155,870	122,934	119,598	1,823,451	Therms
	Btu/cf		933	962	962	962	962	-	896	912	944	944	942		Btu/cf
	\$/therm		0.2397	0.2414	0.1854	0.1940	0.1894	0.1909	0.1565	0.1555	0.1582	0.1464	0.1569		\$/therm
	Total \$		\$67,715	\$123,197	\$38,053	\$16,372	\$4,781	0	\$1,788	\$47,556	\$24,659	\$18,001	\$18,767	\$360,890	Total \$
ARCO	Mcf	24,062	5,881	0	2,937	13,262	4,310	7,093	12,891	12,006	3,319	9	6	85,776	Mcf
Longview Fibre 23-36	Tbg pres	310	320	333	339	325	334	342	333	323	330	337	354		Tbg pres
	Csg pres	310	320	333	339	327	342	343	334	325	330	337	353		Csg pres
	Therms	211,641	53,164	0	26,760	120,813	39,269	64,618	117,109	106,491	29,442	78	52	769,437	Therms
	Btu/cf	883	908	911	911	911	911	911	887	887	887	887	887		Btu/cf
	\$/therm	0.2349	0.2397	0.2414	0.1854	0.1940	0.1894	0.1909	0.1565	0.1555	0.1582	0.1464	0.1569		\$/therm
	Total \$	\$49,714	\$12,743	\$0	\$4,960	\$23,438	\$7,437	\$12,336	\$18,328	\$16,559	\$4,658	\$11	\$8	\$150,192	Total \$
ARCO	Mcf										67,983	64,115	54,854	186,952	Mcf
Longview Fibre 41-35	Tbg pres										479	418	386		Tbg pres
	Csg pres										501	439	404		Csg pres
	Therms										594,854	558,980	477,780	1,631,614	Therms
	Btu/cf										875	872	871		Btu/cf
	\$/therm										0.1582	0.1464	0.1569		\$/therm
	Total \$										\$94,106	\$81,851	\$74,973	\$250,931	Total \$
Tenneco	Mcf	40,669	41,467	59,481	60,447	62,418	45,237	45,750	45,322	28,548	73,015	35,132	33,266	520,752	Mcf
Columbia County 41-28	Tbg pres	626	581	532	478	427	393	360	318	307	296	225	175		Tbg pres
	Csg pres	636	543	553	502	450	412	383	339	318	305	243	194		Csg pres
	Therms	387,571	396,416	559,121	568,201	586,730	425,224	424,097	420,959	269,497	217,265	331,649	313,353	4,900,083	Therms
	Btu/cf	953	956	940	940	940	940	927	927	944	944	944	942		Btu/cf
	\$/therm	0.2271	0.2299	0.2316	0.1775	0.1777	0.1795	0.1816	0.1476	0.1464	0.1501	0.1492	0.1492		\$/therm
	Total \$	\$88,017	\$91,136	\$129,492	\$100,856	\$104,262	\$76,321	\$77,016	\$62,134	\$39,465	\$32,620	\$49,492	\$46,762	\$897,573	Total \$
***** TOTAL MCF FOR THIS YEAR.....															4,549,462

TOTAL CUM. MCF TO DATE.....27,827,606

		Production 1987												Production 1987	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year totals	
ARCO	Mcf	10,850	9,123	8,374	4,973	4,313	3,843	3,742	2,691	1,762	1,045	shut in		50,716	Mcf
Busch 14-15	Tbg pres	43	39	32	28	18	15	18	13	14	9				Tbg pres
	Csg pres	49	44	37	33	28	23	22	-	-	-				Csg pres
	Therms	103,504	87,099	79,894	47,444	41,148	36,659	35,699	25,673	16,811	10,017			483,748	Therms
	Btu/cf	954	954	954	954	954	954	954	954	954	954				Btu/cf
	\$/therm	0.14731	0.14657	0.14530	0.14197	0.15738	0.15667	0.14722	0.14588	0.14651	0.16288				\$/therm
	Total \$	\$15,247	\$12,766	\$11,609	\$6,736	\$6,476	\$5,743	\$5,756	\$3,745	\$2,463	\$1,632			\$71,672	Total \$
ARCO	Mcf	39,235	35,305	39,535	38,047	39,046	37,384	38,429	38,014	34,119	35,486	33,817	34,797	443,214	Mcf
Columbia County 13-34	Tbg pres	529	522	517	515	511	510	509	505	517	525	523	521		Tbg pres
	Csg pres	537	533	528	526	524	522	520	505	528	534	533	530		Csg pres
	Therms	380,971	342,813	383,885	369,437	379,138	363,006	373,517	370,251	337,314	345,630	329,380	338,917	4,309,259	Therms
	Btu/cf	971	971	971	971	971	971	974	974	974	974	974	974		Btu/cf
	\$/therm	0.16503	0.16264	0.16302	0.15969	0.15902	0.15832	0.14938	0.14754	0.14816	0.16454	0.16471	0.16578		\$/therm
	Total \$	\$62,872	\$55,755	\$62,581	\$58,995	\$60,291	\$57,471	\$55,796	\$54,627	\$49,236	\$56,870	\$54,252	\$56,016	\$684,761	Total \$
ARCO	Mcf	93,195	82,095	90,966	86,487	88,332	88,784	91,940	90,334	84,137	87,119	82,938	83,984	1,050,313	Mcf
Columbia County 14-23	Tbg pres	523	517	503	497	459	476	468	459	453	447	439	434		Tbg pres
	Csg pres	556	548	541	533	525	516	510	499	492	484	476	471		Csg pres
	Therms	874,172	770,046	853,256	811,254	828,558	832,783	862,395	847,337	789,221	817,180	777,953	786,477	9,850,632	Therms
	Btu/cf	938	938	938	938	938	938	938	938	938	938	938	936		Btu/cf
	\$/therm	0.14731	0.14657	0.14530	0.14197	0.15738	0.15667	0.14772	0.14588	0.14651	0.16288	0.16306	0.16363		\$/therm
	Total \$	\$128,774	\$112,866	\$123,978	\$115,174	\$130,398	\$130,472	\$127,393	\$123,610	\$115,629	\$133,102	\$126,853	\$128,691	\$1,496,940	Total \$
ARCO	Mcf	54,389	45,242	39,467	44,095	47,802	47,192	44,862	39,922	48,416	53,052	51,753	43,256	559,448	Mcf
Columbia County 23-22	Tbg pres	357	361	365	357	353	344	346	342	321	314	307	417		Tbg pres
	Csg pres	375	376	376	371	366	360	359	353	341	334	328	329		Csg pres
	Therms	523,760	435,684	380,064	424,634	460,335	454,461	432,580	386,041	468,180	513,008	500,444	408,619	5,387,810	Therms
	Btu/cf	963	963	963	963	963	963	967	967	967	967	967	967		Btu/cf
	\$/therm	0.14731	0.14657	0.14530	0.14197	0.15738	0.15667	0.14772	0.14588	0.14651	0.16288	0.16306	0.16363		\$/therm
	Total \$	\$77,155	\$63,858	\$55,223	\$60,285	\$72,448	\$71,200	\$63,901	\$56,316	\$68,593	\$83,559	\$81,602	\$66,862	\$821,003	Total \$
ARCO	Mcf	39,187	34,109	39,113	37,877	38,556	36,408	36,413	31,896	26,081	27,143	25,002	24,803	396,588	Mcf
Columbia County 32-32	Tbg pres	677	664	654	645	633	621	605	596	592	559	538	520		Tbg pres
	Csg pres	680	667	658	650	638	627	612	605	605	580	565	554		Csg pres
	Therms	374,632	326,079	373,922	362,103	368,592	348,056	348,104	304,922	249,339	259,485	239,023	237,116	3,791,373	Therms
	Btu/cf	956	956	956	956	956	956	956	956	956	956	956	956		Btu/cf
	\$/therm	0.16543	0.16300	0.16342	0.16010	0.15943	0.15873	0.14978	0.14794	0.14857	0.16494	0.16512	0.16568		\$/therm
	Total \$	\$61,975	\$53,151	\$61,106	\$57,973	\$58,765	\$55,247	\$52,139	\$45,110	\$37,044	\$42,799	\$39,467	\$39,285	\$604,063	Total \$
ARCO	Mcf	15,592	13,679	14,629	14,080	14,588	14,043	13,513	13,785	13,802	10,866	13,454	12,712	164,743	Mcf
Columbia County 43-22	Tbg pres	349	371	365	354	347	334	339	337	307	327	292	308		Tbg pres
	Csg pres	409	424	438	425	418	406	407	408	380	388	366	380		Csg pres
	Therms	149,530	131,312	140,435	135,170	140,041	134,813	129,725	132,333	131,705	102,248	126,609	119,621	1,573,542	Therms
	Btu/cf	959	960	960	960	960	960	960	960	954	941	941	941		Btu/cf
	\$/therm	0.14731	0.14657	0.14530	0.14197	0.15738	0.15667	0.14772	0.14588	0.14651	0.16288	0.16306	0.16363		\$/therm
	Total \$	\$22,027	\$19,246	\$20,405	\$19,190	\$22,040	\$21,121	\$19,163	\$19,305	\$19,296	\$16,654	\$20,645	\$19,574	\$238,566	Total \$

ARCO	Mcf	26,093	23,080	21,841	24,001	25,063	24,103	6,592	5,917	19,909	24,915	22,188	7,872	231,574	Mcf
Columbia County 43-27	Tbg pres	353	353	365	357	351	339	340	337	315	304	299	315		Tbg pres
	Csg pres	374	375	383	377	370	361	411	409	367	332	331	392		Csg pres
	Therms	236,614	209,834	198,536	218,169	227,820	219,091	59,921	53,983	181,767	227,474	202,576	71,630	2,107,415	Therms
	Btu/cf	900	909	909	909	909	909	909	913	913	913	913	908		Btu/cf
	\$/therm	0.14731	0.14657	0.14530	0.14197	0.15738	0.15667	0.14772	0.14588	0.14651	0.16288	0.16306	0.16363		\$/therm
	Total \$	\$34,856	\$30,755	\$28,847	\$30,973	\$35,854	\$34,325	\$8,852	\$7,875	\$26,631	\$37,051	\$33,032	\$11,721	\$320,772	Total \$
ARCO	Mcf	27,306	17,387	13,191	8,090	6,572	3,995	3,164	1,503	794	shut in			82,002	Mcf
Columbia County 44-21	Tbg pres	65	58	39	25	15	11	6	6	22					Tbg pres
	Csg pres	94	75	52	34	20	17	9	5	-					Csg pres
	Therms	254,218	164,304	124,658	76,457	62,107	37,753	29,898	14,203	7,527				771,125	Therms
	Btu/cf	931	945	945	945	945	945	945	945	951					Btu/cf
	\$/therm	0.14731	0.14657	0.14530	0.14197	0.15718	0.15667	0.14772	0.14588	0.14651					\$/therm
	Total \$	\$37,449	\$24,082	\$18,113	\$10,855	\$9,774	\$5,915	\$4,417	\$2,072	\$1,103				\$113,779	Total \$
ARCO	Mcf	0	6,999	21,845	15,177	11,700	8,733	7,268	3,813	2,458	397	shut in		78,390	Mcf
Crown Zellerbach 12-1	Tbg pres	387	369	196	151	129	103	71	44	63	188				Tbg pres
	Csg pres	388	372	236	199	182	162	137	116	124	209				Csg pres
	Therms	0	55,086	171,922	119,443	92,084	68,725	57,358	30,348	19,628	3,176			617,770	Therms
	Btu/cf	0	787	787	787	787	787	790	796	798	801				Btu/cf
	\$/therm	0.15749	0.15512	0.15548	0.15215	0.15149	0.15078	0.14184	0.14000	0.14063	0.15700				\$/therm
	Total \$	0	\$8,545	\$26,730	\$18,173	\$13,950	\$10,362	\$8,136	\$4,249	\$2,760	\$499			\$93,404	Total \$
ARCO	Mcf										9,748	57,580		67,328	Mcf
Longview Fibre 11-31	Tbg pres										400	382			Tbg pres
	Csg pres										419	402			Csg pres
	Therms										87,635	517,643		605,278	Therms
	Btu/cf										899	899			Btu/cf
	\$/therm										0.16471	0.16528			\$/therms
	Total \$										\$14,434	85,556		\$99,990	Total \$
ARCO	Mcf	15,976	13,157	14,975	13,443	13,466	12,970	12,921	12,064	10,587	7,275	shut in		126,834	Mcf
Longview Fibre 12-33	Tbg pres	100	100	98	97	97	98	87	92	87	86				Tbg pres
	Csg pres	-	50	-	-	-	-	-	-	-	-				Csg pres
	Therms	156,409	128,938	146,755	131,740	131,970	127,104	126,619	118,136	103,643	71,221			1,242,535	Therms
	Btu/cf	979	980	980	980	980	980	980	979	979	979				Btu/cf
	\$/therm	0.16503	0.16264	0.16302	0.15969	0.15902	0.15832	0.14938	0.14754	0.14816	0.16454				\$/therm
	Total \$	\$25,812	\$20,970	\$23,924	\$21,038	\$20,986	\$20,123	\$18,914	\$17,430	\$15,356	\$11,719			\$196,272	Total \$
ARCO	Mcf	14,142	9,901	11,782	9,332	9,263	8,669	6,096	3,152	2,490	1,492	2,193	1,819	80,331	Mcf
Longview Fibre 23-25	Tbg pres	189	176	152	150	134	119	96	73	73	76	56	49		Tbg pres
	Csg pres	191	178	153	151	135	121	106	96	100	105	104	105		Csg pres
	Therms	132,806	93,074	110,748	87,719	87,078	81,485	57,305	29,631	23,408	14,025	20,617	17,106	755,002	Therms
	Btu/cf	940	940	940	940	940	940	940	940	940	940	940	940		Btu/cf
	\$/therm	0.15749	0.15506	0.15548	0.15215	0.15149	0.15078	0.14184	0.14000	0.14063	0.15700	0.15717	0.15774		\$/therm
	Total \$	\$20,916	\$14,432	\$17,219	\$13,346	\$13,191	\$12,286	\$8,128	\$4,148	\$3,292	\$2,202	\$3,240	\$2,698	\$115,100	Total \$

ARCO	Mcf	0	13,011	35,054	27,954	15,936	0	32	8,949	0	7,683	4,663	5,171	118,453	Mcf
Longview Fibre 23-36	Tbg pres	366	338	295	255	163	90	313	178	204	164	192	69		Tbg pres
	Csg pres	366	342	304	269	209	237	317	238	293	226	226	188		Csg pres
	Therms	0	114,495	308,476	245,996	140,234	0	277	78,749	0	67,609	41,037	45,505	1,042,378	Therms
	Btu/cf	0	880	880	880	880	0	880	880	0	880	880	880		Btu/cf
	\$/therm	0.15749	0.15512	0.15548	0.15215	0.15149	0.15078	0.14184	0.14000	0.14063	0.15700	0.15717	0.15774		\$/therm
	Total \$	\$0	\$17,760	\$47,962	\$37,428	\$21,244	\$0	\$39	\$11,025	\$0	\$10,615	\$6,450	\$7,178	\$159,701	Total \$

ARCO	Mcf	50,004	31,719	20,888	22,332	20,625	20,138	14,484	10,254	20,198	22,775	16,153	4,426	253,996	Mcf
Longview Fibre 41-35	Tbg pres	363	363	368	356	348	338	337	335	311	305	294	309		Tbg pres
	Csg pres	377	370	370	359	352	343	339	335	315	309	298	309		Csg pres
	Therms	435,537	276,275	181,938	194,514	179,645	175,399	126,153	91,057	180,165	203,147	144,080	39,257	2,227,167	Therms
	Btu/cf	871	871	871	871	871	871	871	888	892	892	892	887		Btu/cf
	\$/therm	0.15749	0.16300	0.15548	0.15215	0.15149	0.15078	0.14184	0.14000	0.14063	0.15700	0.15717	0.15774		\$/therm
	Total \$	\$68,593	\$45,033	\$28,288	\$29,595	\$27,214	\$26,447	\$17,894	\$12,748	\$25,337	\$31,894	\$22,645	\$6,192	\$341,879	Total \$

TENNECO	Mcf	30,045	18,059	20,118	14,844	11,045	7,845	3,928	2,179	plugged				108,063	Mcf
Columbia County 41-28	Tbg pres	93	81	42	26	15	8	17	4						Tbg pres
	Csg pres	128	103	68	47	31	20	23	13						Csg pres
	Therms	282,007	169,575	188,905	139,381	103,718	73,664	36,880	20,459					1,014,589	Therms
	Btu/cf	939	939	939	939	939	939	939	939						Btu/cf
	\$/therm	0.16071	0.15782	0.15816	0.14197	0.15322	0.15232	0.14170	0.13914						\$/therm
	Total \$	\$45,321	\$26,762	\$29,877	\$19,788	\$15,892	\$11,221	\$5,226	\$2,847					\$156,934	Total \$

****TOTAL MCF FOR THIS YEAR..... 3,811,993 ****

TOTAL CUM. MCF TO DATE..... 31,639,599

MIST PRODUCTION FIGURES

Production 1988														Production 1988	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year totals	
ARCO	Mcf		5,549	6,293	5,823	1,159	4,592	5,261	5,192	5,079	4,246	3,187	2,648	51,029	Mcf
Columbia County 11-34	Cum. Mcf		5,549	11,842	17,665	20,824	25,416	30,677	35,869	40,948	45,194	48,381	51,029	51,029	Cum. Mcf
O&G: 380	Tbg pres		586	570	549	551	524	470	434	378	360	344	336		Tbg pres
	Csg pres		583	568	548	549	531	512	500	486	479	458	465		Csg pres
	Therms		51,998	59,142	54,793	29,731	43,096	49,298	48,645	47,590	39,776	29,828	24,780	478,677	Therms
	Cum. Therms		51,998	111,140	165,933	195,664	238,760	288,058	336,703	384,293	424,069	453,897	478,677	478,677	Cum. Therms
	Btu/cf		937	941	941	941	937	937	937	937	937	936	936		Btu/cf
	\$/therm		0.17507	0.18112	0.20439	0.19429	0.15870	0.16388	0.16313	0.16063	0.14712	0.14712	0.14712		\$/therm
	Total \$		\$9,103	\$10,712	\$11,199	\$5,776	\$6,839	\$8,079	\$7,935	\$7,644	\$5,857	\$4,188	\$3,646	\$81,175	Total \$
	Cum. Total \$		\$9,103	\$19,815	\$31,014	\$36,791	\$43,630	\$51,709	\$59,644	\$67,288	\$73,141	\$77,529	\$81,175	\$81,175	Cum. Total \$
ARCO	Mcf	34,971	32,850	34,592	34,185	24,926	34,550	35,469	35,324	34,155	34,027	33,650	34,079	402,758	Mcf
Columbia County 13-34	Cum. Mcf	1,871,656	1,904,506	1,939,098	1,973,283	1,998,209	2,032,739	2,068,208	2,103,532	2,137,687	2,171,714	2,205,364	2,239,443	2,239,443	Cum. Mcf
O&G: 225	Tbg pres	509	510	504	490	514	480	477	474	469	467	461	458		Tbg pres
	Csg pres	518	522	516	500	522	490	487	484	480	478	472	468		Csg pres
	Therms	339,041	318,314	335,198	328,821	238,040	329,772	338,736	347,234	333,386	331,360	326,742	330,905	3,897,549	Therms
	Cum. Therms	17,560,859	17,879,173	18,214,371	18,543,192	18,781,232	19,111,004	19,449,740	19,796,974	20,130,360	20,461,720	20,788,462	21,119,367	21,119,367	Cum. Therms
	Btu/cf	969	969	969	962	955	955	955	983	975	975	971	971		Btu/cf
	\$/therm	0.17795	0.17998	0.18085	0.20413	0.19402	0.15843	0.16362	0.16286	0.16038	0.14712	0.14712	0.14712		\$/therm
	Total \$	\$60,332	\$57,290	\$60,621	\$67,122	\$46,185	\$52,246	\$55,424	\$56,551	\$53,468	\$48,750	\$48,070	\$48,683	\$654,741	Total \$
	Cum. Total \$	\$4,186,403	\$4,243,693	\$4,304,314	\$4,371,436	\$4,417,621	\$4,469,867	\$4,525,291	\$4,581,841	\$4,635,310	\$4,684,059	\$4,732,130	\$4,780,812	\$4,780,812	Cum. Total \$
ARCO	Mcf	82,872	75,700	80,973	78,369	55,510	73,859	76,550	75,676	72,110	73,785	69,810	70,537	885,751	Mcf
Columbia County 14-23	Cum. Mcf	1,355,283	1,430,983	1,511,956	1,590,325	1,645,835	1,719,694	1,796,244	1,871,920	1,944,030	2,017,815	2,087,625	2,158,162	2,158,162	Cum. Mcf
O&G: 318	Tbg pres	427	424	413	411	419	411	399	394	388	383	377	371		Tbg pres
	Csg pres	462	460	446	445	446	430	432	426	420	413	407	401		Csg pres
	Therms	774,857	707,799	759,728	736,671	521,798	694,280	719,578	711,345	688,460	702,529	656,223	663,043	8,336,311	Therms
	Cum. Therms	12,706,939	13,414,738	14,174,466	14,911,137	15,432,935	16,127,215	16,846,793	17,558,138	18,246,598	18,949,127	19,605,350	20,268,393	20,268,393	Cum. Therms
	Btu/cf	935	935	938	940	940	940	940	940	957	957	940	940		Btu/cf
	\$/therm	0.17630	0.17833	0.17919	0.20247	0.19237	0.15678	0.16196	0.16120	0.15872	0.14712	0.14712	0.14712		\$/therm
	Total \$	\$136,607	\$126,222	\$136,136	\$149,154	\$100,178	\$108,849	\$116,543	\$114,669	\$109,272	\$103,356	\$96,544	\$97,547	\$1,395,277	Total \$
	Cum. Total \$	\$1,932,021	\$2,058,243	\$2,194,379	\$2,343,533	\$2,443,911	\$2,552,760	\$2,669,303	\$2,783,922	\$2,893,244	\$2,996,600	\$3,093,144	\$3,190,691	\$3,190,691	Cum. Total \$
ARCO	Mcf												3,295	3,295	Mcf
Columbia County 21-35	Cum. Mcf												3,295	3,295	Cum. Mcf
O&G: 393	Tbg pres												577		Tbg pres
	Csg pres												576		Csg pres
	Therms												29,477	29,477	Therms
	Cum. Therms												29,477	29,477	Cum. Therms
	Btu/cf												894		Btu/cf
	\$/therm												0.14712		\$/therm
	Total \$												\$4,337	\$4,337	Total \$
	Cum. Total \$												\$4,337	\$4,337	Cum. Total \$

ARCO	Mcf	32,859	23,453	19,238	46,497	49,160	54,747	68,500	66,922	58,521	61,136	57,732	57,125	595,892	Mcf
Columbia County 23-22	Cum. Mcf	3,441,179	3,464,632	3,483,870	3,530,367	3,579,527	3,634,276	3,702,776	3,769,698	3,828,219	3,889,355	3,947,087	4,004,212	4,004,212	Cum. Mcf
O&G: 237	Tbg pres	320	328	273	292	255	238	280	224	228	211	205	200		Tbg pres
	Csg pres	329	331	301	314	298	287	231	272	268	256	248	241		Csg pres
	Therms	315,431	224,919	184,494	449,058	477,346	531,553	665,138	653,823	571,751	597,294	560,204	550,516	5,781,527	Therms
	Cum. Therms	31,292,355	31,517,274	31,701,768	32,150,826	32,628,172	33,159,725	33,824,863	34,476,686	35,050,437	35,647,731	36,207,935	36,758,451	36,758,451	Cum. Therms
	Btu/cf	959	959	959	965	971	971	971	977	977	977	965	963		Btu/cf
	\$/therm	0.17630	0.17833	0.17919	0.20247	0.19237	0.15678	0.16196	0.16120	0.15872	0.14712	0.14712	0.14712		\$/therm
	Total \$	\$55,610	\$40,110	\$33,059	\$90,921	\$91,827	\$83,337	\$107,726	\$105,396	\$90,748	\$87,874	\$82,417	\$80,992	\$950,018	Total \$
	Cum. Total \$	\$7,266,809	\$7,306,919	\$7,339,979	\$7,430,900	\$7,522,727	\$7,606,063	\$7,713,789	\$7,819,185	\$7,909,934	\$7,997,808	\$8,080,225	\$8,161,217	\$8,161,217	Cum. Total \$

ARCO	Mcf	6,024	8,658	8,532	8,156	6,930	11,789	9,892	7,879	4,654	6,857	6,630	5,358	91,359	Mcf
Columbia County 31-27	Cum. Mcf	6,024	14,682	23,214	31,370	38,300	50,089	59,981	67,860	72,514	79,371	86,001	91,359	91,359	Cum. Mcf
O&G: 387	Tbg pres	594	559	515	481	476	416	397	378	372	354	343	356		Tbg pres
	Csg pres	594	576	554	538	524	480	460	448	457	429	415	423		Csg pres
	Therms	56,025	80,522	79,293	75,522	64,170	110,947	93,306	74,538	44,150	65,074	62,919	50,336	856,804	Therms
	Cum. Therms	56,025	136,547	215,840	291,362	355,532	466,481	559,787	634,325	678,475	743,549	806,468	856,804	856,804	Cum. Therms
	Btu/cf	930	930	929	926	926	951	946	946	949	949	949	933		Btu/cf
	\$/therm	0.17630	0.17833	0.17919	0.20247	0.19237	0.15678	0.16196	0.16120	0.15872	0.14712	0.14712	0.14712		\$/therm
	Total \$	\$9,877	\$14,359	\$14,209	\$15,291	\$12,344	\$17,395	\$15,112	\$12,016	\$7,007	\$9,574	\$9,257	\$7,405	\$143,846	Total \$
	Cum. Total \$	\$9,877	\$24,237	\$38,445	\$53,736	\$66,081	\$83,475	\$98,587	\$110,602	\$117,610	\$127,184	\$136,440	\$143,846	\$143,846	Cum. Total \$

ARCO	Mcf	35,395	50,106	54,627	48,972	31,045	37,112	35,948	39,734	42,922	41,568	38,460	37,422	493,311	Mcf
Columbia County 31-34	Cum. Mcf	35,395	85,501	140,128	189,100	220,145	257,257	293,205	332,939	375,861	417,429	455,889	493,311	493,311	Cum. Mcf
O&G: 386	Tbg pres	658	678	604	580	575	555	540	517	487	467	447	429		Tbg pres
	Csg pres	671	650	616	586	582	562	548	526	498	477	458	439		Csg pres
	Therms	320,681	455,674	497,072	445,645	282,509	343,805	331,064	366,344	388,705	375,836	348,831	339,418	4,495,584	Therms
	Cum. Therms	320,681	776,355	1,273,427	1,719,072	2,001,581	2,345,386	2,676,450	3,042,794	3,431,499	3,807,335	4,156,166	4,495,584	4,495,584	Cum. Therms
	Btu/cf	906	910	910	922	936	922	922	903	903	903	907	907		Btu/cf
	\$/therm	0.17823	0.17507	0.18112	0.20439	0.19429	0.15870	0.16388	0.16313	0.16063	0.14712	0.14712	0.14712		\$/therm
	Total \$	\$57,155	\$79,775	\$90,030	\$91,085	\$54,889	\$54,562	\$54,255	\$59,762	\$62,438	\$55,293	\$51,320	\$49,935	\$760,498	Total \$
	Cum. Total \$	\$57,155	\$136,930	\$226,960	\$318,045	\$372,934	\$427,495	\$481,750	\$541,512	\$603,950	\$659,243	\$710,563	\$760,498	\$760,498	Cum. Total \$

ARCO	Mcf	24,194	21,474	15,854	19,581	13,737	21,233	21,288	20,052	16,752	17,160	15,743	15,224	222,292	Mcf
Columbia County 32-32	Cum. Mcf	636,726	658,200	674,054	693,635	707,372	728,605	749,893	769,945	786,697	803,857	819,600	834,824	834,824	Cum. Mcf
O&G: 339	Tbg pres	496	473	489	420	457	396	387	371	360	354	347	344		Tbg pres
	Csg pres	537	526	564	485	513	433	445	438	437	441	429	446		Csg pres
	Therms	229,765	203,780	150,453	187,335	132,841	205,318	203,732	191,892	160,318	164,222	150,659	145,692	2,126,007	Therms
	Cum. Therms	6,074,125	6,277,905	6,428,358	6,615,693	6,748,534	6,953,852	7,157,584	7,349,476	7,509,794	7,674,016	7,824,675	7,970,367	7,970,367	Cum. Therms
	Btu/cf	949	949	949	958	967	967	957	957	957	957	957	957		Btu/cf
	\$/therm	0.17837	0.18038	0.18125	0.20543	0.19442	0.15884	0.16402	0.16327	0.16078	0.14712	0.14712	0.14712		\$/therm
	Total \$	\$40,983	\$36,758	\$27,270	\$38,484	\$25,827	\$32,613	\$33,416	\$31,330	\$25,776	\$24,160	\$22,165	\$21,434	\$360,216	Total \$
	Cum. Total \$	\$989,604	\$1,026,362	\$1,053,632	\$1,092,116	\$1,117,943	\$1,150,556	\$1,183,972	\$1,215,302	\$1,241,078	\$1,265,238	\$1,287,403	\$1,308,837	\$1,308,837	Cum. Total \$

ARCO	Mcf	30,689	58,238	56,790	49,481	8,156	0	1,783	0	0	1,644	0	0	206,781	Mcf
Columbia County 34-4	Cum. Mcf	30,689	88,927	145,717	195,198	203,354	203,354	205,137	205,137	205,137	206,781	206,781	206,781	206,781	Cum. Mcf
O&G: 391	Tbg pres	946	882	787	624	347	347	303	296	296	359	286	-		Tbg pres
	Csg pres	959	890	802	660	534	534	750	790	790	763	791	-		Csg pres
	Therms	271,288	514,825	500,333	434,938	71,690	1	0	15,674	0	14,449	0	0	1,823,197	Therms
	Cum. Therms	271,288	786,113	1,286,446	1,721,384	1,793,074	1,793,074	1,808,748	1,808,748	1,808,748	1,823,197	1,823,197	1,823,197	1,823,197	Cum. Therms
	Btu/cf	884	884	879	879	879	879	879	879	879	879	879	-		Btu/cf
	\$/therm	0.17795	0.17998	0.18085	0.20413	0.19402	0.15843	0.16362	0.16286	0.16038	0.14712	0.14712	0.14712		\$/therm
	Total \$	\$48,276	\$92,658	\$90,485	\$88,784	\$13,909	\$0	\$2,565	\$0	\$0	\$2,126	\$0	\$0	\$338,803	Total \$
	Cum. Total \$	\$48,276	\$140,934	\$231,419	\$320,203	\$334,112	\$334,112	\$336,677	\$336,677	\$336,677	\$338,803	\$338,803	\$338,803	\$338,803	Cum. Total \$

ARCO	Mcf	11,240	9,368	8,495	4,579	8,080	11,568	9,487	9,235	7,097	8,659	7,483	1,118	98,669	Mcf
Columbia County 43-22	Cum. Mcf	943,598	952,966	961,461	966,040	974,120	985,688	995,175	1,004,410	1,011,507	1,020,166	1,027,649	1,030,967	1,030,967	Cum. Mcf
O&G: 256	Tbg pres	315	328	345	326	274	195	179	167	201	156	149	209		Tbg pres
	Csg pres	384	394	411	420	333	277	265	255	277	221	238	283		Csg pres
	Therms	107,068	89,372	81,043	44,394	78,376	112,208	91,429	88,933	68,353	83,382	71,974	31,887	948,419	Therms
	Cum. Therms	6,339,274	6,428,646	6,509,689	6,554,083	6,632,459	6,744,667	6,836,096	6,925,029	6,991,382	7,076,764	7,148,738	7,180,625	7,180,625	Cum. Therms
	Btu/cf	954	954	954	970	970	970	961	961	961	961	961	961		Btu/cf
	\$/therm	0.17630	0.17833	0.17919	0.20247	0.19237	0.15678	0.16196	0.16120	0.15872	0.14712	0.14712	0.14712		\$/therm
	Total \$	\$18,876	\$15,938	\$14,522	\$8,988	\$15,077	\$17,592	\$14,808	\$14,336	\$10,849	\$12,267	\$10,589	\$4,691	\$158,534	Total \$
	Cum. Total \$	\$1,330,802	\$1,346,740	\$1,361,262	\$1,370,250	\$1,385,328	\$1,402,920	\$1,417,727	\$1,432,063	\$1,442,912	\$1,455,179	\$1,465,768	\$1,470,460	\$1,470,460	Cum. Total \$

ARCO	Mcf	4,776	4,306	21,219	24,415	16,712	25,512	24,489	22,786	20,257	20,348	19,327	18,996	223,143	Mcf
Columbia County 43-27	Cum. Mcf	1,374,392	1,378,698	1,399,917	1,424,332	1,441,044	1,466,556	1,491,045	1,513,831	1,534,088	1,554,436	1,573,763	1,592,759	1,592,759	Cum. Mcf
O&G: 265	Tbg pres	323	332	269	261	274	228	214	203	216	188	178	168		Tbg pres
	Csg pres	397	402	303	311	307	269	258	248	258	237	229	221		Csg pres
	Therms	43,174	39,271	193,516	222,664	152,015	231,909	222,600	207,122	184,485	185,372	176,066	173,296	2,031,490	Therms
	Cum. Therms	11,954,358	11,993,629	12,187,145	12,409,809	12,561,824	12,793,733	13,016,333	13,223,455	13,407,940	13,593,312	13,769,378	13,942,674	13,942,674	Cum. Therms
	Btu/cf	904	912	912	912	909	909	909	909	911	911	911	913		Btu/cf
	\$/therm	0.17630	0.17833	0.17919	0.20247	0.19237	0.15678	0.16196	0.16120	0.15872	0.14712	0.14712	0.14712		\$/therm
	Total \$	\$7,612	\$7,003	\$34,676	\$45,083	\$29,243	\$36,359	\$36,052	\$33,388	\$29,281	\$27,272	\$25,903	\$25,495	\$337,367	Total \$
	Cum. Total \$	\$2,624,259	\$2,631,262	\$2,665,938	\$2,711,021	\$2,740,264	\$2,776,623	\$2,812,675	\$2,846,063	\$2,875,344	\$2,902,616	\$2,928,519	\$2,954,014	\$2,954,014	Cum. Total \$

ARCO	Mcf											6,041	8,637	14,678	Mcf
Columbia County 44-27	Cum. Mcf											6,041	14,678	14,678	Cum. Mcf
O&G: 406	Tbg pres											359	333		Tbg pres
	Csg pres											215	214		Csg pres
	Therms											54,910	78,097	133,007	Therms
	Cum. Therms											54,910	133,007	133,007	Cum. Therms
	Btu/cf											909	901		Btu/cf
	\$/therm											0.14712	0.14712		\$/therm
	Total \$											\$8,078	\$11,490	\$19,568	Total \$
	Cum. Total \$											\$8,078	\$19,568	\$19,568	Cum. Total \$

ARCO	Mcf		3,667	63,199	36,772	50,128	51,422	44,557	30,153	22,140	14,492	9,740	326,270	Mcf
Foster 42-30	Cum. Mcf		3,667	66,866	103,638	153,766	205,188	249,745	279,898	302,038	316,530	326,270	326,270	Cum. Mcf
O&G: 394	Tbg pres		865	756	682	590	474	381	351	338	330	329		Tbg pres
	Csg pres		895	769	692	602	491	397	360	350	337	340		Csg pres
	Therms		35,944	619,349	339,122	470,297	498,282	431,760	292,186	214,542	140,354	94,288	3,136,124	Therms
	Cum. Therms		35,944	655,293	994,415	1,464,712	1,962,994	2,394,754	2,686,940	2,901,482	3,041,836	3,136,124	3,136,124	Cum. Therms
	Btu/cf		980	980	978	978	969	969	969	969	968	968		Btu/cf
	\$/therm		0.18125	0.20543	0.19442	0.15884	0.16402	0.16327	0.16078	0.14712	0.14712	0.14712		\$/therm
	Total \$		\$6,515	\$127,233	\$65,932	\$74,702	\$81,728	\$70,493	\$46,978	\$31,563	\$20,649	\$13,872	\$539,665	Total \$
	Cum. Total \$		\$6,515	\$133,748	\$199,680	\$274,382	\$356,110	\$426,603	\$473,581	\$505,145	\$525,793	\$539,665	\$539,665	Cum. Total \$

ARCO	Mcf	53,804	42,003	29,304	14,618	8,695	8,611	13,450	14,056	8,008	11,136	11,572	9,083	224,340	Mcf
Longview Fibre 11-31	Cum. Mcf	121,132	163,135	192,439	207,057	215,752	224,363	237,813	251,869	259,877	271,013	282,585	291,668	291,668	Cum. Mcf
O&G: 377	Tbg pres	347	357	354	357	355	361	356	347	347	338	332	330		Tbg pres
	Csg pres	384	371	359	361	358	362	357	348	348	352	334	331		Csg pres
	Therms	483,698	377,605	262,352	130,539	79,688	78,217	120,377	131,562	72,470	100,652	104,028	81,651	2,022,839	Therms
	Cum. Therms	1,088,976	1,466,581	1,728,933	1,859,472	1,939,160	2,017,377	2,137,754	2,269,316	2,341,786	2,442,438	2,546,466	2,628,117	2,628,117	Cum. Therms
	Btu/cf	899	899	895	893	895	895	895	936	907	907	899	899		Btu/cf
	\$/therm	0.17041	0.17244	0.17331	0.19659	0.18648	0.15089	0.15608	0.15532	0.15284	0.14712	0.14712	0.14712		\$/therm
	Total \$	\$82,427	\$65,114	\$45,468	\$25,663	\$14,860	\$11,802	\$18,788	\$20,414	\$11,076	\$14,808	\$15,305	\$12,012	\$337,753	Total \$
	Cum. Total \$	\$182,417	\$247,531	\$292,999	\$318,662	\$333,522	\$345,324	\$364,113	\$384,547	\$395,623	\$410,431	\$425,736	\$437,748	\$417,748	Cum. Total \$

ARCO	Mcf	1,573	679	shut in
Longview Fibre 23-25	Cum. Mcf	276,474	277,153	
Q&G: 338	Tbg pres	61	42	
	Csg pres	84	28	
	Therms	14,789	6,380	
	Cum. Therms	2,593,242	2,599,622	
	Btu/cf	940	939	
	\$/therm	0.17041	0.17244	
	Total \$	\$2,520	\$1,100	
	Cum. Total \$	\$478,510	\$479,610	

2,252	Mcf
277,153	Cum. Mcf
	Tbg pres
	Csg pres
21,169	Therms
2,599,622	Cum. Therms
	Btu/cf
	\$/therm
\$3,620	Total \$
\$479,610	Cum. Total \$

ARCO	Mcf	5	5,259	shut in
Longview Fibre 23-36	Cum. Mcf	554,610	559,869	
Q&G: 277	Tbg pres	12	109	
	Csg pres	-	198	
	Therms	47	46,021	
	Cum. Therms	4,569,531	4,615,552	
	Btu/cf	880	874	
	\$/therm	0.17041	0.17244	
	Total \$	\$8	\$7,936	
	Cum. Total \$	\$1,050,377	\$1,058,313	

5,264	Mcf
559,869	Cum. Mcf
	Tbg pres
	Csg pres
46,068	Therms
4,615,552	Cum. Therms
	Btu/cf
	\$/therm
\$7,944	Total \$
\$1,058,313	Cum. Total \$

ARCO	Mcf	2,173	59	30,821	25,123	16,310	16,373	18,609	16,245	12,444	13,267	9,928	8,221	169,573	Mcf
Longview Fibre 41-35	Cum. Mcf	443,121	443,180	474,001	499,124	515,434	531,807	550,416	566,661	579,105	592,372	602,300	610,521	610,521	Cum. Mcf
Q&G: 341	Tbg pres	316	329	204	207	202	169	155	139	148	117	99	87		Tbg pres
	Csg pres	316	329	241	228	217	194	182	174	190	176	167	162		Csg pres
	Therms	19,166	523	271,840	216,709	139,877	142,606	162,084	141,498	108,383	115,555	88,003	72,915	1,479,159	Therms
	Cum. Therms	3,877,947	3,878,470	4,150,310	4,367,019	4,506,896	4,649,502	4,811,586	4,953,084	5,061,467	5,177,022	5,265,025	5,337,940	5,337,940	Cum. Therms
	Btu/cf	882	882	882	861	871	871	871	871	871	871	887	887		Btu/cf
	\$/therm	0.17041	0.17244	0.17331	0.19659	0.18648	0.15089	0.15608	0.15532	0.15284	0.14712	0.14712	0.14712		\$/therm
	Total \$	\$3,266	\$90	\$47,113	\$42,603	\$26,084	\$21,518	\$25,298	\$21,977	\$16,565	\$17,000	\$12,947	\$10,727	\$245,189	Total \$
	Cum. Total \$	\$596,076	\$596,166	\$643,279	\$685,882	\$711,966	\$733,484	\$758,782	\$780,759	\$797,325	\$814,325	\$827,272	\$837,999	\$837,999	Cum. Total \$

****TOTAL MCF FOR THIS YEAR..... 4,016,597 ****

TOTAL CUM. MCF TO DATE..... 35,656,196

MIST PRODUCTION FIGURES

		Production 1989												Production 1989	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year totals	
ARCO	Mcf							16,896	14,564	11,466	11,736	4,835	4,155	63,652	Mcf
Cav. Forest Ind. 34-1	Cum. Mcf							16,896	31,460	42,926	54,662	59,497	63,652	63,652	Cum. Mcf
O&G: 398	Tbg pres							428	393	337	322	308	297		Tbg pres
	Csg pres							-	-	-	-	-	-		Csg pres
	Therms							124,862	107,630	84,733	86,731	52,732	30,762	470,390	Therms
	Cum. Therms							124,862	232,492	317,225	403,956	439,688	470,390	470,390	Cum. Therms
	Btu/cf							739	739	739	739	739	739		Btu/cf
	\$/therm							0.14712	0.14712	0.14820	0.14820	0.14749	0.14743		\$/therm
	Total \$							\$18,370	\$15,835	\$12,557	\$12,854	\$5,270	\$4,526	69,412	Total \$
	Cum. Total \$							\$18,370	\$34,204	\$46,762	\$59,615	\$64,885	\$69,412	69,412	Cum. Total \$
ARCO	Mcf	2,251	1,133	1,504	1,593	688	0	457	724	65	40	0	9	8,464	Mcf
Columbia County 11-34	Cum. Mcf	53,280	54,413	55,917	57,510	58,198	58,198	58,655	59,379	59,444	59,484	59,484	59,493	59,493	Cum. Mcf
O&G: 380	Tbg pres	325	349	345	414	364	513	417	429	375	328	333	298		Tbg pres
	Csg pres	445	398	462	437	453	512	484	482	485	464	491	492		Csg pres
	Therms	21,073	10,602	14,073	14,036	6,008	0	4,112	6,515	590	363	0	85	77,457	Therms
	Cum. Therms	499,750	510,352	524,425	538,461	544,469	544,469	548,581	555,096	555,686	556,049	556,049	556,134	556,134	Cum. Therms
	Btu/cf	936	936	936	850	935	935	900	900	900	900	900	900		Btu/cf
	\$/therm	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14820	0.14820	0.14749	0.14743		\$/therm
	Total \$	\$3,100	\$1,560	\$2,070	\$2,065	\$884	\$0	\$605	\$958	\$87	\$54	\$0	\$13	\$11,397	Total \$
	Cum. Total \$	\$84,275	\$85,835	\$87,905	\$89,970	\$90,854	\$90,854	\$91,459	\$92,418	\$92,505	\$92,559	\$92,559	\$92,572	\$92,572	Cum. Total \$
ARCO	Mcf							1,433	14,737	14,469	14,090	24,344	25,569	94,642	Mcf
Columbia County 12-19	Cum. Mcf							1,433	16,170	30,639	44,729	69,073	94,642	94,642	Cum. Mcf
O&G: 400	Tbg pres							1,058	993	921	873	635	634		Tbg pres
	Csg pres							-	-	-	-	-	-		Csg pres
	Therms							14,026	144,265	141,649	137,949	238,336	250,322	926,547	Therms
	Cum. Therms							14,026	158,291	299,940	437,889	676,225	926,547	926,547	Cum. Therms
	Btu/cf							979	979	979	979	979	979		Btu/cf
	\$/therm							0.14712	0.14712	0.14820	0.14820	0.14749	0.14743		\$/therm
	Total \$							\$2,064	\$21,224	\$20,992	\$20,444	\$35,152	\$36,905	\$136,781	Total \$
	Cum. Total \$							\$2,064	\$23,288	\$44,280	\$64,724	\$99,876	\$136,781	\$136,781	Cum. Total \$
ARCO	Mcf	33,831	30,984	33,295	5,280	21,642	0	15,471	18,985	27,884	29,669	23,625	28,924	269,590	Mcf
Columbia County 13-34	Cum. Mcf	2,273,274	2,304,258	2,337,553	2,342,833	2,364,475	2,364,475	2,379,946	2,398,931	2,426,815	2,456,484	2,480,109	2,509,033	2,509,033	Cum. Mcf
O&G: 225	Tbg pres	433	451	448	371	473	394	498	533	481	481	484	481		Tbg pres
	Csg pres	465	461	458	573	480	594	505	528	488	469	490	470		Csg pres
	Therms	328,493	300,858	323,298	51,269	210,795	0	150,688	184,910	271,590	288,973	230,108	280,917	2,621,899	Therms
	Cum. Therms	21,447,860	21,748,718	22,072,016	22,123,285	22,334,080	22,334,080	22,484,768	22,669,678	22,941,268	23,230,241	23,460,349	23,741,266	23,741,266	Cum. Therms
	Btu/cf	971	971	971	974	974	974	974	974	974	974	974	970		Btu/cf
	\$/therm	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14820	0.14820	0.14749	0.14743		\$/therm
	Total \$	\$48,328	\$44,262	\$47,564	\$7,543	\$31,012	\$0	\$22,169	\$27,204	\$40,250	\$42,826	\$33,939	\$41,416	\$386,511	Total \$
	Cum. Total \$	\$4,829,140	\$4,873,402	\$4,920,966	\$4,928,508	\$4,959,521	\$4,959,521	\$4,981,690	\$5,008,894	\$5,049,143	\$5,091,969	\$5,125,908	\$5,167,323	\$5,167,323	Cum. Total \$
ARCO	Mcf	70,690	48,219	56,863	7,446	37,681	0	9,541	11,779	47,465	44,878	49,044	48,282	431,888	Mcf
Columbia County 14-23	Cum. Mcf	2,228,852	2,277,071	2,333,934	2,341,380	2,379,061	2,379,061	2,388,602	2,400,381	2,447,846	2,492,724	2,541,768	2,590,050	2,590,050	Cum. Mcf
O&G: 318	Tbg pres	347	375	364	402	380	437	405	404	382	372	376	364		Tbg pres
	Csg pres	413	396	389	406	394	438	406	408	396	387	389	381		Csg pres
	Therms	669,226	457,113	538,591	70,367	356,367	0	90,254	111,427	449,014	424,545	463,959	456,404	4,087,267	Therms
	Cum. Therms	20,937,619	21,394,732	21,933,323	22,003,690	22,360,057	22,360,057	22,450,311	22,561,738	23,010,752	23,435,297	23,899,256	24,355,660	24,355,660	Cum. Therms
	Btu/cf	948	948	948	945	946	946	946	946	946	946	946	945		Btu/cf
	\$/therm	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14820	0.14820	0.14749	0.14743		\$/therm
	Total \$	\$98,457	\$67,250	\$79,238	\$10,352	\$52,429	\$0	\$13,278	\$16,393	\$66,544	\$62,918	\$68,429	\$67,288	\$602,575	Total \$
	Cum. Total \$	\$3,292,148	\$3,359,398	\$3,438,636	\$3,448,988	\$3,501,417	\$3,501,417	\$3,514,695	\$3,531,088	\$3,597,632	\$3,660,549	\$3,728,979	\$3,796,266	\$3,796,266	Cum. Total \$

Columbia County 21-35	Cum. Mcf	7,494	11,308	15,780	18,739	23,279	26,247	30,113	33,918	37,309	40,425	43,409	46,104	48,604	Mcf
O&G: 393	Tbg pres	572	569	554	582	549	550	518	487	445	425	423	407		Tbg pres
	Csg pres	575	570	560	582	550	570	558	563	555	544	569	566		Csg pres
	Therms	35,853	32,232	37,622	24,473	37,547	75,118	34,872	34,319	30,584	28,102	26,921	24,310	371,953	Therms
	Cum. Therms	65,330	97,562	135,184	159,657	197,204	222,322	257,194	291,513	322,097	350,199	377,120	401,430	401,430	Cum. Therms
	Btu/cf	845	845	845	827	827	827	902	902	902	902	902	902		Btu/cf
	\$/therm	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14820	0.14820	0.14749	0.14743		\$/therm
	Total \$	\$5,275	\$4,742	\$5,535	\$3,600	\$5,524	\$3,695	\$5,130	\$5,049	\$4,533	\$4,165	\$3,971	\$3,584	\$54,803	Total \$
	Cum. Total \$	\$9,612	\$14,354	\$19,889	\$23,489	\$29,013	\$32,708	\$37,839	\$42,888	\$47,420	\$51,585	\$55,556	\$59,140	\$59,140	Cum. Total \$

ARCO	Mcf	56,057	42,744	29,157	8,483	4,268	24,946	33,587	30,448	35,778	33,864	33,352	38,647	371,331	Mcf
Columbia County 23-22	Cum. Mcf	4,060,269	4,103,013	4,132,170	4,140,653	4,144,921	4,169,867	4,203,454	4,233,902	4,269,680	4,303,544	4,336,896	4,375,543	4,375,543	Cum. Mcf
O&G: 237	Tbg pres	193	192	208	252	237	222	217	219	211	202	199	191		Tbg pres
	Csg pres	233	229	234	258	247	236	232	231	225	217	214	210		Csg pres
	Therms	539,824	411,631	280,785	81,840	41,225	240,984	325,173	295,344	347,056	378,480	323,517	376,007	3,591,866	Therms
	Cum. Therms	37,298,275	37,709,906	37,990,691	38,072,531	38,113,756	38,354,740	38,679,913	38,975,257	39,322,313	39,650,793	39,974,310	40,350,317	40,350,317	Cum. Therms
	Btu/cf	963	963	963	966	966	970	970	970	970	970	970	974		Btu/cf
	\$/therm	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14820	0.14820	0.14749	0.14743		\$/therm
	Total \$	\$79,419	\$60,559	\$41,309	\$12,040	\$6,065	\$35,454	\$47,839	\$43,451	\$51,434	\$48,681	\$47,716	\$55,435	\$529,401	Total \$
	Cum. Total \$	\$8,240,636	\$8,301,195	\$8,342,504	\$8,354,544	\$8,360,609	\$8,396,063	\$8,443,902	\$8,487,353	\$8,538,787	\$8,587,468	\$8,635,183	\$8,690,618	\$8,690,618	Cum. Total \$

ARCO	Mcf	5,777	1,915	762	1,799	5,223	542	1,889	2,662	4,209	1,875	4,330	3,236	34,219	Mcf
Columbia County 31-27	Cum. Mcf	97,136	99,051	99,813	101,612	106,835	107,377	109,266	111,928	116,137	118,012	122,342	125,578	125,578	Cum. Mcf
O&G: 387	Tbg pres	326	348	386	436	356	479	409	446	366	320	361	309		Tbg pres
	Csg pres	402	444	472	486	416	480	458	472	423	441	421	387		Csg pres
	Therms	52,873	17,432	6,875	16,194	46,898	4,870	16,965	23,907	37,798	16,839	38,885	29,057	308,593	Therms
	Cum. Therms	909,677	927,109	933,984	950,178	997,076	1,001,946	1,018,911	1,042,818	1,080,616	1,097,455	1,136,340	1,165,397	1,165,397	Cum. Therms
	Btu/cf	912	912	902	898	898	898	898	898	898	898	898	898		Btu/cf
	\$/therm	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14820	0.14820	0.14749	0.14743		\$/therm
	Total \$	\$7,779	\$2,565	\$1,011	\$2,382	\$6,900	\$716	\$2,496	\$3,517	\$5,602	\$2,496	\$5,735	\$4,284	\$45,483	Total \$
	Cum. Total \$	\$151,625	\$154,189	\$155,201	\$157,583	\$164,483	\$165,199	\$167,695	\$171,212	\$176,814	\$179,310	\$185,045	\$189,329	\$189,329	Cum. Total \$

ARCO	Mcf	35,261	25,597	30,957	3,405	16,069	0	9,029	10,208	22,689	22,864	19,734	21,344	217,157	Mcf
Columbia County 31-34	Cum. Mcf	528,572	554,169	585,126	588,531	604,600	604,600	613,629	623,837	646,526	669,390	689,124	710,468	710,468	Cum. Mcf
O&G: 386	Tbg pres	417	399	383	408	394	406	388	390	366	345	347	324		Tbg pres
	Csg pres	427	408	392	409	398	406	402	393	372	350	351	330		Csg pres
	Therms	319,818	232,161	278,349	29,081	138,913	0	81,357	90,196	197,842	199,369	172,083	186,121	1,925,290	Therms
	Cum. Therms	4,815,402	5,047,563	5,325,912	5,354,993	5,493,906	5,493,906	5,575,263	5,665,459	5,863,301	6,062,670	6,234,753	6,420,874	6,420,874	Cum. Therms
	Btu/cf	907	907	907	868	863	863	901	872	872	872	872	872		Btu/cf
	\$/therm	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14820	0.14820	0.14749	0.14743		\$/therm
	Total \$	\$47,052	\$34,156	\$40,951	\$4,278	\$20,437	\$0	\$11,969	\$13,270	\$29,320	\$29,546	\$25,381	\$27,440	\$283,799	Total \$
	Cum. Total \$	\$807,550	\$841,705	\$882,656	\$886,934	\$907,371	\$907,371	\$919,340	\$932,610	\$961,930	\$991,477	\$1,016,857	\$1,044,297	\$1,044,297	Cum. Total \$

ARCO	Mcf	15,135	10,615	4,446	961	10,233	0	4,722	4,541	13,773	13,568	13,209	12,715	103,918	Mcf
Columbia County 32-32	Cum. Mcf	849,959	860,574	865,020	865,981	876,214	876,214	880,936	885,477	899,250	912,818	926,027	938,742	938,742	Cum. Mcf
O&G: 339	Tbg pres	334	364	350	429	364	625	422	456	363	342	369	307		Tbg pres
	Csg pres	424	452	543	583	429	625	546	529	447	428	464	404		Csg pres
	Therms	144,839	101,583	42,553	9,198	97,931	0	45,193	43,453	131,803	129,850	126,407	122,153	994,963	Therms
	Cum. Therms	8,115,206	8,216,789	8,259,342	8,268,540	8,366,471	8,366,471	8,411,664	8,455,117	8,586,920	8,716,770	8,843,177	8,965,330	8,965,330	Cum. Therms
	Btu/cf	957	957	957	957	957	957	957	957	957	957	957	962		Btu/cf
	\$/therm	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14820	0.14820	0.14749	0.14743		\$/therm
	Total \$	\$21,309	\$14,945	\$6,260	\$1,353	\$14,408	\$0	\$6,649	\$6,393	\$19,533	\$19,244	\$18,644	\$18,009	\$146,746	Total \$
	Cum. Total \$	\$1,330,146	\$1,345,091	\$1,351,351	\$1,352,704	\$1,367,112	\$1,367,112	\$1,373,761	\$1,380,153	\$1,399,687	\$1,418,930	\$1,437,574	\$1,455,583	\$1,455,583	Cum. Total \$

ARCO	Mcf	0	0	384	0	0	0	0	0	0	5,361	185	0	5,930	Mcf
Columbia County 34-4	Cum. Mcf	206,781	206,781	207,165	207,165	207,165	207,165	207,165	207,165	207,165	212,526	212,711	212,711	212,711	Cum. Mcf
O&G: 391	Tbg pres	-	-	639	603	827	-	-	-	-	653	498	671	498	Tbg pres
	Csg pres	-	-	899	903	910	-	-	-	-	829	747	713	713	Csg pres
	Therms	0	0	3,380	0	0	0	0	0	0	47,121	1,624	0	52,125	Therms
	Cum. Therms	1,823,197	1,823,197	1,826,577	1,826,577	1,826,577	1,826,577	1,826,577	1,826,577	1,826,577	1,873,698	1,875,322	1,875,322	1,875,322	Cum. Therms
	Btu/cf	-	-	879	879	879	-	-	-	-	879	879	879	879	Btu/cf
	\$/therm	0.14720	0.14720	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14820	0.14749	0.14743	0.14743	0.14743	\$/therm
	Total \$	\$0	\$0	\$497	\$0	\$0	\$0	\$0	\$0	\$0	\$6,983	\$240	\$0	\$7,720	Total \$
	Cum. Total \$	\$338,803	\$338,803	\$339,300	\$339,300	\$339,300	\$339,300	\$339,300	\$339,300	\$339,300	\$346,284	\$346,523	\$346,523	\$346,523	Cum. Total \$

ARCO	Mcf	4,326	4,737	2,988	916	5,010	0	3,476	2,619	5,069	5,082	4,960	2,114	41,297	Mcf
Columbia County 43-22	Cum. Mcf	1,035,293	1,040,030	1,043,018	1,043,934	1,048,944	1,048,944	1,052,420	1,055,039	1,060,108	1,065,190	1,070,150	1,072,264	1,072,264	Cum. Mcf
O&G: 256	Tbg pres	164	176	277	419	269	484	344	304	206	156	154	343	343	Tbg pres
	Csg pres	246	257	358	437	276	484	385	351	275	231	215	372	372	Csg pres
	Therms	41,571	45,528	28,716	8,805	48,149	0	33,402	25,170	48,713	48,838	47,666	20,393	396,951	Therms
	Cum. Therms	7,222,196	7,267,724	7,296,440	7,305,245	7,353,394	7,353,394	7,386,796	7,411,966	7,460,679	7,509,517	7,557,183	7,577,576	7,577,576	Cum. Therms
	Btu/cf	961	961	961	961	961	961	961	961	961	961	961	965	965	Btu/cf
	\$/therm	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14820	0.14749	0.14743	0.14743	0.14743	\$/therm
	Total \$	\$6,116	\$6,698	\$4,225	\$1,295	\$7,084	\$0	\$4,914	\$3,703	\$7,219	\$7,238	\$7,030	\$3,007	\$58,529	Total \$
	Cum. Total \$	\$1,476,576	\$1,483,274	\$1,487,499	\$1,488,794	\$1,495,878	\$1,495,878	\$1,500,792	\$1,504,495	\$1,511,714	\$1,518,952	\$1,525,982	\$1,528,989	\$1,528,989	Cum. Total \$

ARCO	Mcf	17,824	5,713	8,929	7,302	14,709	12,299	10,749	9,612	8,351	6,439	4,838	3,906	110,671	Mcf
Columbia County 43-27	Cum. Mcf	1,610,583	1,616,296	1,625,225	1,632,527	1,647,236	1,659,535	1,670,284	1,679,896	1,688,247	1,694,686	1,699,524	1,703,430	1,703,430	Cum. Mcf
O&G: 265	Tbg pres	156	200	242	243	129	118	102	91	97	73	71	30	30	Tbg pres
	Csg pres	211	245	272	278	192	184	172	159	165	156	160	125	125	Csg pres
	Therms	162,736	52,162	81,466	63,706	127,719	106,877	93,409	84,004	73,322	56,536	42,475	34,908	979,320	Therms
	Cum. Therms	14,105,410	14,157,572	14,239,038	14,302,744	14,430,463	14,537,340	14,630,749	14,714,753	14,788,075	14,844,611	14,887,086	14,921,994	14,921,994	Cum. Therms
	Btu/cf	913	913	913	867	869	869	869	874	878	878	878	904	904	Btu/cf
	\$/therm	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14820	0.14749	0.14743	0.14743	0.14743	\$/therm
	Total \$	\$23,942	\$7,674	\$11,985	\$9,372	\$18,790	\$15,724	\$13,742	\$12,359	\$10,866	\$8,379	\$6,265	\$5,146	\$144,244	Total \$
	Cum. Total \$	\$2,977,956	\$2,985,630	\$2,997,615	\$3,006,987	\$3,025,778	\$3,041,501	\$3,055,244	\$3,067,602	\$3,078,469	\$3,086,847	\$3,093,112	\$3,098,258	\$3,098,258	Cum. Total \$

ARCO	Mcf	4,294	7,034	6,446	486	16,092	21,418	22,370	22,567	24,472	23,494	17,491	24,223	190,387	Mcf
Columbia County 44-27	Cum. Mcf	18,972	26,006	32,452	32,938	49,030	70,448	92,818	115,385	139,857	163,351	180,842	205,065	205,065	Cum. Mcf
O&G: 406	Tbg pres	319	319	349	372	321	260	243	233	250	213	226	212	212	Tbg pres
	Csg pres	213	217	216	216	220	223	223	223	221	216	214	213	213	Csg pres
	Therms	37,934	61,197	55,869	4,171	139,319	187,805	196,746	196,442	214,374	205,799	153,217	216,397	1,669,270	Therms
	Cum. Therms	170,941	232,138	288,007	292,178	431,497	619,302	816,048	1,012,490	1,226,864	1,432,663	1,585,880	1,802,277	1,802,277	Cum. Therms
	Btu/cf	873	873	868	860	867	867	864	870	876	876	876	902	902	Btu/cf
	\$/therm	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14820	0.14749	0.14743	0.14743	0.14743	\$/therm
	Total \$	\$5,581	\$9,003	\$8,219	\$614	\$20,497	\$27,630	\$28,945	\$28,901	\$31,770	\$30,499	\$22,598	\$31,903	\$246,161	Total \$
	Cum. Total \$	\$25,149	\$34,152	\$42,372	\$42,985	\$63,482	\$91,112	\$120,057	\$148,958	\$180,728	\$211,227	\$233,825	\$265,729	\$265,729	Cum. Total \$

ARCO	Mcf	6,656	4,742	5,591	884	16,570	14,785	8,894	6,621	7,237	5,617	4,028	3,576	85,201	Mcf
Foster 42-30	Cum. Mcf	332,926	337,668	343,259	344,143	360,713	375,498	384,392	391,013	398,250	403,867	407,895	411,471	411,471	Cum. Mcf
O&G: 394	Tbg pres	317	343	347	382	276	190	152	174	121	96	94	78	78	Tbg pres
	Csg pres	337	348	347	382	284	197	162	180	124	103	100	82	82	Csg pres
	Therms	64,427	45,905	54,123	8,559	160,394	143,124	86,140	64,164	70,126	54,425	39,028	34,862	825,277	Therms
	Cum. Therms	3,200,551	3,246,456	3,300,579	3,309,138	3,469,532	3,612,656	3,698,796	3,762,960	3,833,086	3,887,511	3,926,539	3,961,401	3,961,401	Cum. Therms
	Btu/cf	968	968	968	968	968	968	969	969	969	969	969	975	975	Btu/cf
	\$/therm	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14820	0.14749	0.14743	0.14743	0.14743	\$/therm
	Total \$	\$9,479	\$6,754	\$7,963	\$1,259	\$23,597	\$21,056	\$12,673	\$9,440	\$10,393	\$8,066	\$5,756	\$5,140	\$121,575	Total \$
	Cum. Total \$	\$549,144	\$555,897	\$563,860	\$565,119	\$588,716	\$609,772	\$622,445	\$631,885	\$642,278	\$650,344	\$656,100	\$661,240	\$661,240	Cum. Total \$

ARCO	Mcf	10,496	23,001	27,043	38,983	36,836	33,489	33,673	32,913	33,621	32,230	30,366	29,763	362,414	Mcf
Longview Fibre 11-31	Cum. Mcf	302,164	325,165	352,208	391,191	428,027	461,516	495,189	528,102	561,723	593,953	624,319	654,082	654,082	Cum. Mcf
O&G: 377	Tbg pres	322	323	313	299	284	268	260	253	232	220	206	192		Tbg pres
	Csg pres	325	333	321	312	295	282	271	263	244	233	217	203		Csg pres
	Therms	94,363	206,776	243,111	330,095	312,405	248,323	285,886	279,433	285,441	283,303	257,810	258,260	3,085,206	Therms
	Cum. Therms	2,722,480	2,929,256	3,172,367	3,502,462	3,814,867	4,063,190	4,349,076	4,628,509	4,913,950	5,197,253	5,455,063	5,713,323	5,713,323	Cum. Therms
	Btu/cf	899	899	899	846	849	849	849	849	849	879	849	878		Btu/cf
	\$/therm	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14820	0.14820	0.14749	0.14743		
	Total \$	\$13,883	\$30,421	\$35,766	\$48,564	\$45,961	\$36,533	\$42,060	\$41,110	\$42,302	\$41,986	\$38,024	\$38,075	\$454,685	Total \$
	Cum. Total \$	\$451,631	\$482,052	\$517,818	\$566,382	\$612,343	\$648,876	\$690,935	\$732,046	\$774,348	\$810,334	\$854,358	\$892,433	\$892,433	Cum. Total \$

ARCO	Mcf						9,402	11,362	7,429	7,303	4,495	7,653	8,748	56,392	Mcf
Longview Fibre 32-20	Cum. Mcf						9,402	20,764	28,193	35,496	39,991	47,644	56,392	56,392	Cum. Mcf
O&G: 412	Tbg pres						-	838	806	762	760	706	661		Tbg pres
	Csg pres						-	-	-	-	-	-	-		Csg pres
	Therms						91,292	110,504	72,530	71,433	43,956	74,848	86,004	550,567	Therms
	Cum. Therms						91,292	201,796	274,326	345,759	389,715	464,563	550,567	550,567	Cum. Therms
	Btu/cf						971	975	976	978	978	978	986		Btu/cf
	\$/therm						0.14712	0.14712	0.14712	0.14820	0.14820	0.14749	0.14743		
	Total \$						\$13,431	\$16,257	\$10,671	\$10,586	\$6,514	\$11,039	\$12,680	\$81,178	Total \$
	Cum. Total \$						\$13,431	\$29,688	\$40,359	\$50,945	\$57,459	\$68,499	\$81,178	\$81,178	Cum. Total \$

ARCO	Mcf	6,840	3,040	7,063	6,028	5,580	3,496	2,124	0	0	shut in			34,171	Mcf
Longview Fibre 41-35	Cum. Mcf	617,361	620,401	627,464	633,492	639,072	642,568	644,692	644,692	644,692				644,692	Cum. Mcf
O&G: 341	Tbg pres	77	99	65	59	52	64	73	-	-					Tbg pres
	Csg pres	160	180	147	146	142	146	146	-	-					Csg pres
	Therms	58,283	25,684	59,679	50,107	46,648	29,257	17,778	0	0				287,436	Therms
	Cum. Therms	5,396,223	5,421,907	5,481,586	5,531,693	5,578,341	5,607,598	5,625,376	5,625,376	5,625,376				5,625,376	Cum. Therms
	Btu/cf	845	845	845	834	834	837	837	-	-					Btu/cf
	\$/therm	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14712	0.14820					
	Total \$	\$8,575	\$3,779	\$8,780	\$7,372	\$6,863	\$4,304	\$2,615	\$0	\$0				\$42,288	Total \$
	Cum. Total \$	\$846,574	\$850,352	\$859,137	\$866,504	\$873,367	\$877,671	\$880,287	\$880,287	\$880,287			\$0	\$880,287	Cum. Total \$

D Y Oil Corp	Mcf									1,504	11,708	7,209	7,192	27,613	Mcf
Neverstill 33-30	Cum. Mcf									1,504	11,212	20,421	27,613	27,613	Cum. Mcf
O&G: 427	Tbg pres									849	785	749	714		Tbg pres
	Csg pres									821	740	776	762		Csg pres
	Therms									14,618	113,799	70,067	70,070	268,554	Therms
	Cum. Therms									14,618	128,417	198,484	268,554	268,554	Cum. Therms
	Btu/cf									972	972	972	975		Btu/cf
	\$/therm									0.14339	0.14339	0.14405	0.14408		
	Total \$									\$2,096	\$16,318	\$10,093	\$10,096	\$38,603	Total \$
	Cum. Total \$									\$2,096	\$18,414	\$28,507	\$38,603	\$38,603	Cum. Total \$

***TOTAL MCF FOR THIS YEAR..... 2,551,746

TOTAL CUM. MCF TO DATE..... 38,207,942

HLSR PRODUCTION FIGURES

	Production 1990	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year totals	Production 1990
ARCO	Mcf										3,961	5,052	2,872	11,885	Mcf
Cav. Energy Res. 13-1	Cum. Mcf										3,961	9,013	11,885	11,885	Cum. Mcf
O&G: 436	Tbg pres										-	-	-	-	Tbg pres
	Csg pres										464	440	453		Csg pres
	Therms										32,152	41,177	21,946	95,275	Therms
	Cum. Therms										32,152	73,329	95,275	95,275	Cum. Therms
	Btu/cf										815	815	764		Btu/cf
	\$/therm										0.14588	0.15317	0.15334		\$/therm
	Total \$										\$4,690	\$6,307	\$3,365	\$14,363	Total \$
	Cum. Total \$										\$4,690	\$10,997	\$14,363	\$14,363	Cum. Total \$
ARCO	Mcf							10,275	34,123	13,974	11,672	10,270	8,896	89,210	Mcf
Cav. Energy Res. 41-16	Cum. Mcf							10,275	44,398	58,372	70,044	80,314	89,210	89,210	Cum. Mcf
O&G: 423	Tbg pres							-	-	-	-	-	-	-	Tbg pres
	Csg pres							329	337	342	339	340	338		Csg pres
	Therms							87,026	289,027	129,119	108,862	96,639	79,082	789,755	Therms
	Cum. Therms							87,026	376,053	505,172	614,034	710,673	789,755	789,755	Cum. Therms
	Btu/cf							847	847	924	941	941	889		Btu/cf
	\$/therm							0.14597	0.14583	0.14593	0.14588	0.15317	0.15334		\$/therm
	Total \$							\$12,703	\$42,149	\$18,842	\$15,881	\$14,802	\$12,126	\$116,504	Total \$
	Cum. Total \$							\$12,703	\$54,852	\$73,694	\$89,575	\$104,377	\$116,504	\$116,504	Cum. Total \$
ARCO	Mcf	3,799	4,251	3,017	1,293	2,005	2,157	1,269	373	2,860	258	0	7	21,289	Mcf
Cav. Forest Ind. 34-1	Cum. Mcf	67,451	71,702	74,719	76,012	78,017	80,174	81,443	81,816	84,676	84,934	84,934	84,941	84,941	Cum. Mcf
O&G: 398	Tbg pres	-	-	-	-	-	-	-	-	-	-	-	-	-	Tbg pres
	Csg pres	297	286	275	287	282	288	297	315	300	274	268	314		Csg pres
	Therms	27,485	28,792	20,631	8,911	13,816	14,864	8,743	2,574	19,704	1,776	0	40	147,336	Therms
	Cum. Therms	497,875	526,667	547,298	556,209	570,025	584,889	593,632	596,206	615,910	617,686	617,686	617,726	617,726	Cum. Therms
	Btu/cf	708	668	689	689	689	689	689	689	689	689	702	601		Btu/cf
	\$/therm	0.14592	0.14596	0.14556	0.14593	0.14591	0.14591	0.14597	0.14583	0.14593	0.14588	0.15317	0.15334		\$/therm
	Total \$	\$4,011	\$4,202	\$3,003	\$1,300	\$2,016	\$2,169	\$1,276	\$375	\$2,875	\$259	\$0	\$6	\$21,493	Total \$
	Cum. Total \$	\$73,423	\$77,625	\$80,628	\$81,929	\$83,944	\$86,113	\$87,389	\$87,765	\$90,640	\$90,899	\$90,899	\$90,905	\$90,905	Cum. Total \$
ARCO	Mcf							5,760	16,822	19,754	17,037	13,131	10,678	83,182	Mcf
CFW 12-15	Cum. Mcf							5,760	22,582	42,336	59,373	72,504	83,182	83,182	Cum. Mcf
O&G: 408	Tbg pres							-	-	-	-	-	-	-	Tbg pres
	Csg pres							338	342	335	332	336	335		Csg pres
	Therms							49,878	145,680	181,745	158,477	113,057	93,645	742,482	Therms
	Cum. Therms							49,878	195,558	377,303	535,780	648,837	742,482	742,482	Cum. Therms
	Btu/cf							866	866	920	940	861	877		Btu/cf
	\$/therm							0.14597	0.14583	0.14593	0.14588	0.15317	0.15334		\$/therm
	Total \$							\$7,281	\$21,245	\$26,522	\$23,119	\$17,317	\$14,360	\$109,842	Total \$
	Cum. Total \$							\$7,281	\$28,525	\$55,047	\$78,166	\$95,483	\$109,842	\$109,842	Cum. Total \$
ARCO	Mcf	21	0	0	0	0	0	0	shut in					21	Mcf
Columbia County 11-34	Cum. Mcf	59,514	59,514	59,514	59,514	59,514	59,514	59,514						59,514	Cum. Mcf
O&G: 380	Tbg pres	362	298	298	405	292	252								Tbg pres
	Csg pres	507	462	487	486	497	455	398							Csg pres
	Therms	187	0	0	0	0	0	0						187	Therms
	Cum. Therms	556,321	556,321	556,321	556,321	556,321	556,321	556,321						556,321	Cum. Therms
	Btu/cf	900	926	926	926	926	926	926							Btu/cf
	\$/therm	0.14592	0.14596	0.14556	0.14593	0.14591	0.14591	0.14597							\$/therm
	Total \$	\$27	\$0	\$0	\$0	\$0	\$0	\$0						\$27	Total \$
	Cum. Total \$	\$92,599	\$92,599	\$92,599	\$92,599	\$92,599	\$92,599	\$92,599						\$92,599	Cum. Total \$

ARCO	Mcf	19,557	21,001	22,667	21,078	22,175	20,810	20,146	23,342	22,322	22,742	20,795	20,680	257,315	Mcf
Columbia County 12-19	Cum. Mcf	114,199	135,200	157,867	178,945	201,120	221,930	242,076	265,418	287,740	310,482	331,277	351,957	351,957	Cum. Mcf
O&G: 400	Tbg pres	-	-	-	-	-	-	-	-	-	-	-	-	-	Tbg pres
	Csg pres	611	597	590	586	565	563	563	550	535	524	513	501	501	Csg pres
	Therms	191,462	205,000	222,276	206,774	217,533	204,152	197,627	228,987	218,983	222,641	207,742	206,599	2,529,776	Therms
	Cum. Therms	1,118,009	1,323,009	1,545,285	1,752,059	1,969,592	2,173,744	2,371,371	2,600,358	2,819,341	3,041,982	3,249,724	3,456,323	3,456,323	Cum. Therms
	Btu/cf	979	975	981	981	981	981	981	981	981	981	981	981	981	Btu/cf
	\$/therm	0.14592	0.14596	0.14556	0.14593	0.14591	0.14591	0.14597	0.14583	0.14593	0.14588	0.15317	0.15334	0.15334	\$/therm
	Total \$	\$27,938	\$29,922	\$32,354	\$30,175	\$31,740	\$29,788	\$28,848	\$33,393	\$31,956	\$32,479	\$31,820	\$31,680	\$372,093	Total \$
	Cum. Total \$	\$164,719	\$194,641	\$226,995	\$257,170	\$288,910	\$318,698	\$347,546	\$380,939	\$412,895	\$445,376	\$477,194	\$508,874	\$508,874	Cum. Total \$

ARCO	Mcf	28,217	27,111	28,530	26,395	29,359	27,645	18,965	28,841	29,607	31,291	30,003	26,909	332,873	Mcf
Columbia County 13-34	Cum. Mcf	2,537,250	2,564,361	2,592,891	2,619,286	2,648,645	2,676,290	2,695,255	2,724,096	2,753,703	2,784,994	2,814,997	2,841,906	2,841,906	Cum. Mcf
O&G: 225	Tbg pres	475	453	458	448	447	447	477	444	418	410	433	432	432	Tbg pres
	Csg pres	481	460	466	457	455	456	479	454	431	440	443	441	441	Csg pres
	Therms	273,713	262,973	276,744	256,032	284,785	268,153	183,961	279,767	287,189	307,056	296,735	266,121	3,243,229	Therms
	Cum. Therms	24,014,979	24,277,952	24,554,696	24,810,728	25,095,513	25,363,666	25,547,627	25,827,394	26,114,583	26,421,639	26,718,374	26,984,495	26,984,495	Cum. Therms
	Btu/cf	970	970	970	970	970	970	970	970	970	989	989	989	989	Btu/cf
	\$/therm	0.14592	0.14596	0.14556	0.14593	0.14591	0.14591	0.14597	0.14583	0.14593	0.14588	0.15317	0.15334	0.15334	\$/therm
	Total \$	\$39,940	\$38,384	\$40,283	\$37,363	\$41,553	\$39,126	\$26,853	\$40,798	\$41,909	\$44,793	\$45,451	\$40,807	\$477,260	Total \$
	Cum. Total \$	\$5,207,263	\$5,245,647	\$5,285,930	\$5,323,292	\$5,364,845	\$5,403,972	\$5,430,824	\$5,471,623	\$5,513,532	\$5,558,326	\$5,603,776	\$5,644,583	\$5,644,583	Cum. Total \$

ARCO	Mcf	43,980	49,118	38,936	39,708	50,810	48,048	34,522	39,231	53,608	53,779	51,158	37,450	540,348	Mcf
Columbia County 14-23	Cum. Mcf	2,634,030	2,683,148	2,722,084	2,761,792	2,812,602	2,860,650	2,895,172	2,934,403	2,988,011	3,041,790	3,092,948	3,130,398	3,130,398	Cum. Mcf
O&G: 318	Tbg pres	366	349	361	356	345	357	347	347	330	321	-	328	328	Tbg pres
	Csg pres	380	369	373	369	362	361	361	357	348	343	-	338	338	Csg pres
	Therms	415,606	464,167	350,030	356,972	456,779	431,956	310,359	352,688	519,460	526,062	489,583	361,766	5,035,428	Therms
	Cum. Therms	24,771,266	25,235,433	25,585,463	25,942,435	26,399,214	26,831,170	27,141,529	27,494,217	28,013,677	28,539,739	29,029,322	29,391,088	29,391,088	Cum. Therms
	Btu/cf	945	945	899	899	899	899	899	899	969	986	957	966	966	Btu/cf
	\$/therm	0.14592	0.14596	0.14556	0.14593	0.14591	0.14591	0.14597	0.14583	0.14593	0.14588	0.15317	0.15334	0.15334	\$/therm
	Total \$	\$60,645	\$67,750	\$50,950	\$52,093	\$66,649	\$63,027	\$45,303	\$51,432	\$75,805	\$76,742	\$74,989	\$55,473	\$740,859	Total \$
	Cum. Total \$	\$3,856,911	\$3,924,661	\$3,975,611	\$4,027,704	\$4,094,353	\$4,157,380	\$4,202,683	\$4,254,115	\$4,329,920	\$4,406,662	\$4,481,651	\$4,537,125	\$4,537,125	Cum. Total \$

ARCO	Mcf	5,492	5,958	5,659	8,536	11,778	10,908	8,792	9,887	10,575	9,509	9,379	9,983	106,456	Mcf
Columbia County 21-35	Cum. Mcf	51,596	57,554	63,213	71,749	83,527	94,435	103,227	113,114	123,689	133,198	142,577	152,560	152,560	Cum. Mcf
O&G: 393	Tbg pres	438	424	448	404	335	354	387	382	347	355	390	395	395	Tbg pres
	Csg pres	511	504	530	444	396	413	442	441	409	422	450	456	456	Csg pres
	Therms	48,345	51,696	49,325	74,432	102,703	95,114	76,660	86,217	92,214	84,447	84,041	89,453	934,647	Therms
	Cum. Therms	449,775	501,471	550,796	625,228	727,931	823,045	899,705	985,922	1,078,136	1,162,583	1,246,624	1,336,077	1,336,077	Cum. Therms
	Btu/cf	875	862	872	872	872	872	872	872	872	896	896	896	896	Btu/cf
	\$/therm	0.14592	0.14596	0.14556	0.14593	0.14591	0.14591	0.14597	0.14583	0.14593	0.14588	0.15317	0.15334	0.15334	\$/therm
	Total \$	\$7,055	\$7,546	\$7,180	\$10,862	\$14,985	\$13,878	\$11,190	\$12,573	\$13,457	\$12,319	\$12,873	\$13,717	\$137,633	Total \$
	Cum. Total \$	\$66,195	\$73,740	\$80,920	\$91,782	\$106,767	\$120,645	\$131,835	\$144,408	\$157,865	\$170,184	\$183,057	\$196,773	\$196,773	Cum. Total \$

ARCO	Mcf	41,640	18,079	39,840	33,252	33,283	30,504	23,559	35,560	35,356	33,976	26,562	8,328	359,939	Mcf
Columbia County 23-22	Cum. Mcf	4,417,183	4,435,262	4,475,102	4,508,354	4,541,637	4,572,141	4,595,700	4,631,260	4,666,616	4,700,592	4,727,154	4,735,482	4,735,482	Cum. Mcf
O&G: 237	Tbg pres	166	179	162	162	164	169	162	148	137	138	132	172	172	Tbg pres
	Csg pres	196	198	189	183	182	182	173	168	162	158	152	172	172	Csg pres
	Therms	405,568	176,087	388,039	316,345	324,181	297,110	229,468	346,361	346,840	336,446	265,094	82,198	3,513,737	Therms
	Cum. Therms	40,755,885	40,931,972	41,320,011	41,636,356	41,960,537	42,257,647	42,487,115	42,833,476	43,180,316	43,516,762	43,781,856	43,864,054	43,864,054	Cum. Therms
	Btu/cf	974	974	974	974	974	974	974	974	981	998	998	987	987	Btu/cf
	\$/therm	0.14592	0.14596	0.14556	0.14593	0.14591	0.14591	0.14597	0.14583	0.14593	0.14588	0.15317	0.15334	0.15334	\$/therm
	Total \$	\$59,180	\$25,702	\$56,483	\$46,164	\$47,301	\$43,351	\$33,495	\$50,510	\$50,614	\$49,081	\$40,604	\$12,604	\$515,091	Total \$
	Cum. Total \$	\$8,749,798	\$8,775,500	\$8,831,983	\$8,878,147	\$8,925,449	\$8,968,800	\$9,002,295	\$9,052,805	\$9,103,420	\$9,152,500	\$9,193,105	\$9,205,709	\$9,205,709	Cum. Total \$

ARCO	Mcf	3,941	9,687	11,731	10,377	9,249	8,109	53,094	Mcf
Columbia County 24-9	Cum. Mcf	3,941	13,628	25,359	35,736	44,985	53,094	53,094	Cum. Mcf
NG: 407	Tbg pres	-	-	-	-	-	-	-	Tbg pres
	Csg pres	-	340	334	322	326	328	-	Csg pres
	Therms	34,369	84,475	104,283	91,673	80,464	70,549	465,813	Therms
	Cum. Therms	34,369	118,844	223,127	314,800	395,264	465,813	465,813	Cum. Therms
	Btu/cf	872	872	889	870	870	870	-	Btu/cf
	\$/therm	0.14597	0.14583	0.14593	0.14588	0.15317	0.15334	-	\$/therm
	Total \$	\$5,017	\$12,319	\$15,218	\$13,373	\$12,325	\$10,818	\$69,070	Total \$
	Cum. Total \$	\$5,017	\$17,336	\$32,554	\$45,927	\$58,252	\$69,070	\$69,070	Cum. Total \$

ARCO	Mcf				9,868	12,163	9,872	10,739	9,488	7,956	7,114	4,357	71,557	Mcf
Columbia County 34-28	Cum. Mcf				9,868	22,031	31,903	42,642	52,130	60,086	67,200	71,557	71,557	Cum. Mcf
O&G: 420	Tbg pres				-	-	-	-	-	-	-	-	-	Tbg pres
	Csg pres				591	530	497	430	379	353	-	366	-	Csg pres
	Therms				92,461	113,960	92,503	100,623	92,214	78,077	70,361	42,310	682,509	Therms
	Cum. Therms				92,461	206,421	298,924	399,547	491,761	569,838	640,199	682,509	682,509	Cum. Therms
	Btu/cf				937	937	937	937	922	989	989	971	-	Btu/cf
	\$/therm				0.14591	0.14591	0.14597	0.14583	0.14593	0.14588	0.15317	0.15334	-	\$/therm
	Total \$				\$13,491	\$16,628	\$13,503	\$14,674	\$13,457	\$11,390	\$10,777	\$6,488	\$100,407	Total \$
	Cum. Total \$				\$13,491	\$30,119	\$43,622	\$58,295	\$71,752	\$83,142	\$93,919	\$100,407	\$100,407	Cum. Total \$

ARCO	Mcf	1,749	4,009	3,877	3,987	630	4,134	2,603	3,370	3,684	3,750	2,881	1,583	36,257	Mcf
Columbia County 43-22	Cum. Mcf	1,074,013	1,078,022	1,081,899	1,085,886	1,086,516	1,090,650	1,093,253	1,096,623	1,100,307	1,104,057	1,106,938	1,108,521	1,108,521	Cum. Mcf
O&G: 256	Tbg pres	156	162	213	158	373	211	286	200	141	142	94	466	-	Tbg pres
	Csg pres	190	258	271	227	393	267	319	258	207	208	173	460	-	Csg pres
	Therms	16,877	38,693	37,063	38,079	6,014	39,481	24,863	32,179	35,175	36,269	28,087	15,436	348,216	Therms
	Cum. Therms	7,594,453	7,633,146	7,670,209	7,708,288	7,714,302	7,753,783	7,778,646	7,810,825	7,846,000	7,882,269	7,910,356	7,925,792	7,925,792	Cum. Therms
	Btu/cf	965	965	955	955	955	955	955	955	975	975	975	975	-	Btu/cf
	\$/therm	0.14592	0.14596	0.14556	0.14593	0.14591	0.14591	0.14597	0.14583	0.14593	0.14588	0.15317	0.15334	-	\$/therm
	Total \$	\$2,463	\$5,648	\$5,395	\$5,557	\$878	\$5,761	\$3,629	\$4,693	\$5,133	\$5,291	\$4,302	\$2,367	\$51,115	Total \$
	Cum. Total \$	\$1,531,452	\$1,537,099	\$1,542,494	\$1,548,051	\$1,548,929	\$1,554,689	\$1,558,319	\$1,563,011	\$1,568,144	\$1,573,435	\$1,577,737	\$1,580,104	\$1,580,104	Cum. Total \$

ARCO	Mcf	2,732	1,832	1,364	662	1,371	0	0	shut in					7,961	Mcf
Columbia County 43-27	Cum. Mcf	1,706,162	1,707,994	1,709,358	1,710,020	1,711,391	1,711,391	1,711,391						1,711,391	Cum. Mcf
O&G: 265	Tbg pres	35	99	72	150	121	297	299						-	Tbg pres
	Csg pres	133	134	111	202	183	297	298						-	Csg pres
	Therms	24,843	16,447	12,244	5,955	12,325	0	0						71,814	Therms
	Cum. Therms	14,946,837	14,963,284	14,975,528	14,981,483	14,993,808	14,993,808	14,993,808						14,993,808	Cum. Therms
	Btu/cf	910	890	899	899	899	899	899						-	Btu/cf
	\$/therm	0.14592	0.14596	0.14556	0.14593	0.14591	0.14591	0.14597						-	\$/therm
	Total \$	\$3,625	\$2,401	\$1,782	\$869	\$1,798	\$0	\$0						\$10,475	Total \$
	Cum. Total \$	\$3,101,883	\$3,104,284	\$3,106,066	\$3,106,935	\$3,108,733	\$3,108,733	\$3,108,733						\$3,108,733	Cum. Total \$

ARCO	Mcf	23,663	21,740	21,233	18,228	18,986	17,110	15,976	14,109	13,269	12,915	13,343	11,992	202,564	Mcf
Columbia County 44-27	Cum. Mcf	228,728	250,468	271,701	289,929	308,915	326,025	342,001	356,110	369,379	382,294	395,637	407,629	407,629	Cum. Mcf
O&G: 406	Tbg pres	196	190	181	167	162	158	159	139	129	124	122	161	-	Tbg pres
	Csg pres	211	209	209	206	206	207	207	205	206	202	202	201	-	Csg pres
	Therms	214,662	195,041	190,064	163,509	170,306	153,470	143,302	126,558	119,020	116,969	121,819	112,245	1,826,965	Therms
	Cum. Therms	2,016,939	2,211,980	2,402,044	2,565,553	2,735,859	2,889,329	3,032,631	3,159,189	3,278,209	3,395,178	3,516,997	3,629,242	3,629,242	Cum. Therms
	Btu/cf	909	888	897	897	897	897	897	897	897	913	913	936	-	Btu/cf
	\$/therm	0.14592	0.14596	0.14556	0.14593	0.14591	0.14591	0.14597	0.14583	0.14593	0.14588	0.15317	0.15334	-	\$/therm
	Total \$	\$31,323	\$28,468	\$27,666	\$23,861	\$24,849	\$22,393	\$20,918	\$18,456	\$17,369	\$17,063	\$18,659	\$17,212	\$268,237	Total \$
	Cum. Total \$	\$297,052	\$325,521	\$353,186	\$377,047	\$401,897	\$424,289	\$445,207	\$463,663	\$481,032	\$498,095	\$516,754	\$533,966	\$533,966	Cum. Total \$

ARCO	Mcf	2,485	2,361	1,956	2,293	1,682	672	0	0	0	shut in	shut in		11,449	Mcf
Foster 42-30	Cum. Mcf	413,956	416,317	418,273	420,566	422,248	422,920	422,920	422,920	422,920				422,920	Cum. Mcf
O&G: 394	Tbg pres	82	75	92	64	65	75	109	120	126				-	Tbg pres
	Csg pres	80	67	93	65	65	76	111	120	126				-	Csg pres
	Therms	24,073	22,785	18,863	22,105	16,216	6,478	0	0	0				110,520	Therms
	Cum. Therms	3,985,474	4,008,259	4,027,122	4,049,227	4,065,443	4,071,921	4,071,921	4,071,921	4,071,921				4,071,921	Cum. Therms
	Btu/cf	965	965	964	964	964	964	964	964	964				-	Btu/cf
	\$/therm	0.14592	0.14596	0.14556	0.14593	0.14591	0.14591	0.14597	0.14583	0.14593				-	\$/therm
	Total \$	\$3,513	\$3,326	\$2,746	\$3,226	\$2,366	\$945	\$0	\$0	\$0				\$16,121	Total \$
	Cum. Total \$	\$664,753	\$668,078	\$670,824	\$674,050	\$676,416	\$677,361	\$677,361	\$677,361	\$677,361				\$677,361	Cum. Total \$

MIST PRODUCTION FIGURES

		Production 1991	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year totals	Production 1991
ARCO Cav. Energy Res. 13-1 O&G: 436	Mcf		4,908	4,608	4,131	4,756	3,813	3,926	2,587	1,605	1,374	782	574	100	33,164	Mcf
	Cum. Mcf		16,793	21,401	25,532	30,288	34,101	38,027	40,614	42,219	43,593	44,375	44,949	45,049	45,049	Cum. Mcf
	Tbg pres		-	-	-	-	-	-	-	-	-	-	-	-	-	Tbg pres
	Csg pres		426	412	406	384	389	348	286	-	277	304	254	261		Csg pres
	Therms		37,501	34,158	30,075	34,624	27,757	28,579	18,830	11,684	10,001	5,691	4,246	742	243,888	Therms
	Cum. Therms		132,776	166,934	197,009	231,633	259,390	287,969	306,799	318,483	328,484	334,175	338,421	339,163	339,163	Cum. Therms
	Btu/cf		764	728	728	728	728	728	728	728	728	728	740	740		Btu/cf
	\$/therm		0.15227	0.15223	0.15227	0.15224	0.15229	0.15223	0.15223	0.15236	0.15229	0.15230	0.15229	0.14049		\$/therm
	Total \$		\$5,710	\$5,200	\$4,580	\$5,271	\$4,227	\$4,351	\$2,866	\$1,780	\$1,523	\$867	\$647	\$104	\$37,126	Total \$
	Cum. Total \$		\$20,073	\$25,273	\$29,853	\$35,124	\$39,351	\$43,702	\$46,568	\$48,348	\$49,871	\$50,738	\$51,385	\$51,489	\$51,489	Cum. Total \$
ARCO Cav. Energy Res. 41-16 O&G: 423	Mcf		16,106	14,964	11,357	9,070	11,686	32,007	41,599	14,444	25,967	16,432	20,127	35,179	248,938	Mcf
	Cum. Mcf		105,316	120,280	131,637	140,707	152,393	184,400	225,999	240,443	266,410	282,842	302,969	338,148	338,148	Cum. Mcf
	Tbg pres		-	-	-	-	-	-	-	-	-	-	-	-	-	Tbg pres
	Csg pres		336	336	334	335	330	323	318	330	326	324	320	317		Csg pres
	Therms		143,183	131,429	97,720	78,704	101,457	277,818	361,085	125,376	225,396	142,625	176,713	308,868	2,170,374	Therms
	Cum. Therms		932,938	1,064,367	1,162,087	1,240,791	1,342,248	1,620,066	1,981,151	2,106,527	2,331,923	2,474,548	2,651,261	2,960,129	2,960,129	Cum. Therms
	Btu/cf		889	869	859	872	868	868	868	868	868	868	878	878		Btu/cf
	\$/therm		0.15227	0.15223	0.15227	0.15224	0.15229	0.15223	0.15223	0.15236	0.15229	0.15230	0.15229	0.14049		\$/therm
	Total \$		\$21,802	\$20,007	\$14,880	\$11,982	\$15,451	\$42,292	\$54,968	\$19,102	\$34,326	\$21,722	\$26,912	\$43,393	\$326,837	Total \$
	Cum. Total \$		\$138,306	\$158,314	\$173,194	\$185,176	\$200,627	\$242,919	\$297,887	\$316,989	\$351,315	\$373,036	\$399,948	\$443,341	\$443,341	Cum. Total \$
ARCO Cav. Forest Ind. 34-1 O&G: 398	Mcf		4	0	shut-in										4	Mcf
	Cum. Mcf		84,945	84,945											84,945	Cum. Mcf
	Tbg pres		-	-											-	Tbg pres
	Csg pres		276	367												Csg pres
	Therms		23	0											23	Therms
	Cum. Therms		617,749	617,749											617,749	Cum. Therms
	Btu/cf		601	-												Btu/cf
	\$/therm		0.15227	0.15223												\$/therm
ARCO CFW 12-15 O&G: 408	Total \$		\$4	\$0											\$4	Total \$
	Cum. Total \$		\$90,909	\$90,909											\$90,909	Cum. Total \$
	Mcf		22,116	23,330	20,063	17,526	20,211	20,429	20,118	7,367	12,934	9,310	16,472	22,660	212,536	Mcf
	Cum. Mcf		105,298	128,628	148,691	166,217	186,428	206,857	226,975	234,342	247,276	256,586	273,058	295,718	295,718	Cum. Mcf
	Tbg pres		-	-	-	-	-	-	-	-	-	-	-	-	-	Tbg pres
	Csg pres		328	329	326	330	313	323	323	328	327	326	311	315		Csg pres
	Therms		193,952	204,605	170,453	148,689	171,791	173,644	171,001	62,620	109,939	79,131	143,138	196,913	1,825,876	Therms
	Cum. Therms		936,434	1,141,039	1,311,492	1,460,181	1,631,972	1,805,616	1,976,617	2,039,237	2,149,176	2,228,307	2,371,445	2,568,358	2,568,358	Cum. Therms
	Btu/cf		877	877	845	850	850	850	850	850	850	850	869	869		Btu/cf
	\$/therm		0.15227	0.15223	0.15227	0.15224	0.15229	0.15223	0.15223	0.15236	0.15229	0.15230	0.15229	0.14049		\$/therm
	Total \$		\$29,533	\$31,147	\$25,955	\$22,636	\$26,162	\$26,434	\$26,031	\$9,541	\$16,743	\$12,052	\$21,798	\$27,664	\$275,697	Total \$
	Cum. Total \$		\$139,375	\$170,522	\$196,477	\$219,113	\$245,275	\$271,709	\$297,741	\$307,282	\$324,024	\$336,076	\$357,874	\$385,539	\$385,539	Cum. Total \$

ARCO Columbia County 12-19 O&G: 400	Mcf	21,377	19,130	19,542	19,835	19,227	17,386	17,774	16,304	15,595	14,662	14,801	14,114	209,747	Mcf
	Cum. Mcf	373,334	392,464	412,006	431,841	451,068	468,454	486,228	502,532	518,127	532,789	547,590	561,704	561,704	Cum. Mcf
	Tbg pres	-	-	-	-	-	-	-	-	-	-	-	-	-	Tbg pres
	Csg pres	511	486	478	466	459	455	456	448	450	426	430	411	411	Csg pres
	Therms	213,681	191,304	195,416	199,411	193,613	175,083	178,310	162,708	155,638	146,336	144,460	137,749	2,093,709	Therms
	Cum. Therms	3,670,004	3,861,308	4,056,724	4,256,135	4,449,748	4,624,831	4,803,141	4,965,849	5,121,487	5,267,823	5,412,283	5,550,032	5,550,032	Cum. Therms
	Btu/cf	1000	1000	1000	1007	1007	1007	1007	998	998	998	976	976	976	Btu/cf
	\$/therm	0.15227	0.15223	0.15227	0.15224	0.15229	0.15223	0.15223	0.15236	0.15229	0.15230	0.15229	0.14049	0.14049	\$/therm
	Total \$	\$32,537	\$29,122	\$29,756	\$30,358	\$29,485	\$26,653	\$27,144	\$24,790	\$23,702	\$22,287	\$22,000	\$19,352	\$317,188	Total \$
	Cum. Total \$	\$541,411	\$570,533	\$600,289	\$630,648	\$660,133	\$686,786	\$713,930	\$738,720	\$762,422	\$784,709	\$806,709	\$826,062	\$826,062	Cum. Total \$
ARCO Columbia County 13-34 O&G: 225	Mcf	27,129	26,746	26,944	25,548	29,076	30,722	31,389	30,483	29,471	30,155	28,545	28,892	345,100	Mcf
	Cum. Mcf	2,869,035	2,895,781	2,922,725	2,948,273	2,977,349	3,008,071	3,039,460	3,069,943	3,099,414	3,129,569	3,158,114	3,187,006	3,187,006	Cum. Mcf
	Tbg pres	425	427	416	396	391	399	400	-	391	388	383	380	380	Tbg pres
	Csg pres	435	435	424	408	402	410	410	-	401	398	397	390	390	Csg pres
	Therms	268,936	265,589	267,550	254,072	289,300	305,684	311,325	301,177	291,176	297,933	282,020	285,163	3,419,925	Therms
	Cum. Therms	27,253,431	27,519,020	27,786,570	28,040,642	28,329,942	28,635,626	28,946,951	29,248,128	29,539,304	29,837,237	30,119,257	30,404,420	30,404,420	Cum. Therms
	Btu/cf	993	993	993	995	995	995	988	988	988	988	988	987	987	Btu/cf
	\$/therm	0.15227	0.15223	0.15227	0.15224	0.15229	0.15223	0.15223	0.15236	0.15229	0.15230	0.15229	0.14049	0.14049	\$/therm
	Total \$	\$40,951	\$40,431	\$40,740	\$38,680	\$44,057	\$46,534	\$47,393	\$45,887	\$44,343	\$45,375	\$42,949	\$40,063	\$517,403	Total \$
	Cum. Total \$	\$5,685,534	\$5,725,964	\$5,766,704	\$5,805,384	\$5,849,442	\$5,895,976	\$5,943,369	\$5,989,256	\$6,033,600	\$6,078,975	\$6,121,924	\$6,161,986	\$6,161,986	Cum. Total \$
ARCO Columbia County 14-23 O&G: 318	Mcf	39,812	44,636	47,139	46,048	38,876	43,400	42,221	37,707	35,998	37,773	36,205	37,943	487,758	Mcf
	Cum. Mcf	3,170,210	3,214,846	3,261,985	3,308,033	3,346,909	3,390,309	3,432,530	3,470,237	3,506,235	3,544,008	3,580,213	3,618,156	3,618,156	Cum. Mcf
	Tbg pres	314	310	307	304	302	297	298	286	296	299	286	286	286	Tbg pres
	Csg pres	331	328	324	320	317	314	312	304	310	308	300	298	298	Csg pres
	Therms	384,590	431,186	455,368	444,826	369,449	411,865	400,676	357,844	341,623	358,462	346,121	362,728	4,664,738	Therms
	Cum. Therms	29,775,678	30,206,864	30,662,232	31,107,058	31,476,507	31,888,372	32,289,048	32,646,892	32,988,515	33,346,977	33,693,098	34,055,826	34,055,826	Cum. Therms
	Btu/cf	966	966	966	966	949	949	949	949	949	949	956	956	956	Btu/cf
	\$/therm	0.15227	0.15223	0.15227	0.15224	0.15229	0.15223	0.15223	0.15236	0.15229	0.15230	0.15229	0.14049	0.14049	\$/therm
	Total \$	\$58,562	\$65,639	\$69,339	\$67,720	\$56,263	\$62,698	\$60,995	\$54,521	\$52,026	\$54,594	\$52,711	\$50,960	\$706,028	Total \$
	Cum. Total \$	\$4,595,687	\$4,661,326	\$4,730,665	\$4,798,385	\$4,854,649	\$4,917,347	\$4,978,342	\$5,032,863	\$5,084,889	\$5,139,482	\$5,192,193	\$5,243,153	\$5,243,153	Cum. Total \$
ARCO Columbia County 21-35 O&G: 393	Mcf	9,923	9,426	7,658	7,472	7,043	7,424	7,443	6,979	7,128	7,434	7,150	7,254	92,334	Mcf
	Cum. Mcf	162,483	171,909	179,567	187,039	194,082	201,506	208,949	215,928	223,056	230,490	237,640	244,894	244,894	Cum. Mcf
	Tbg pres	388	386	416	408	406	409	410	405	407	458	401	402	402	Tbg pres
	Csg pres	449	448	486	484	482	484	482	478	480	472	474	473	473	Csg pres
	Therms	89,153	84,834	68,929	67,365	63,530	66,966	66,566	61,762	63,083	65,791	63,278	65,647	826,904	Therms
	Cum. Therms	1,425,230	1,510,064	1,578,993	1,646,358	1,709,888	1,776,854	1,843,420	1,905,182	1,968,265	2,034,056	2,097,334	2,162,981	2,162,981	Cum. Therms
	Btu/cf	900	900	900	902	902	902	885	885	885	885	885	905	905	Btu/cf
	\$/therm	0.15227	0.15223	0.15227	0.15224	0.15229	0.15223	0.15223	0.15236	0.15229	0.15230	0.15229	0.14049	0.14049	\$/therm
	Total \$	\$13,575	\$12,914	\$10,496	\$10,256	\$9,675	\$10,194	\$10,133	\$9,410	\$9,607	\$10,020	\$9,637	\$9,223	\$125,140	Total \$
	Cum. Total \$	\$210,348	\$223,263	\$233,758	\$244,014	\$253,689	\$263,883	\$274,017	\$283,427	\$293,034	\$303,054	\$312,690	\$321,913	\$321,913	Cum. Total \$

ARCO	Mcf	22,146	26,909	15,129	29,248	18,965	30,113	30,558	25,656	27,718	27,600	25,315	25,017	304,374	Mcf
Columbia County 23-22	Cum. Mcf	4,757,628	4,784,537	4,799,666	4,828,914	4,847,879	4,877,992	4,908,550	4,934,206	4,961,924	4,989,524	5,014,839	5,039,856	5,039,856	Cum. Mcf
O&G: 237	Tbg pres	135	131	122	119	108	107	100	98	92	91	84	84		Tbg pres
	Csg pres	150	147	142	138	134	129	124	119	115	111	104	102		Csg pres
	Therms	218,583	266,404	150,084	290,140	185,590	294,504	298,857	250,919	271,082	268,931	249,350	246,417	2,991,861	Therms
	Cum. Therms	44,082,637	44,349,041	44,499,125	44,789,265	44,974,855	45,269,359	45,568,216	45,819,135	46,090,217	46,360,148	46,609,498	46,855,915	46,855,915	Cum. Therms
	Btu/cf	987	992	992	992	978	978	978	978	978	978	985	985		Btu/cf
	\$/therm	0.15227	0.15223	0.15227	0.15224	0.15229	0.15223	0.15223	0.15236	0.15229	0.15320	0.15230	0.14049		\$/therm
	Total \$	\$33,284	\$40,555	\$22,853	\$44,171	\$28,264	\$44,832	\$45,495	\$38,230	\$41,283	\$41,353	\$37,976	\$34,619	\$452,915	Total \$
	Cum. Total \$	\$9,238,993	\$9,279,547	\$9,302,401	\$9,346,572	\$9,374,835	\$9,419,667	\$9,465,162	\$9,503,392	\$9,544,675	\$9,586,029	\$9,624,005	\$9,658,624	\$9,658,624	Cum. Total \$
ARCO	Mcf	15,089	13,061	9,759	9,009	8,815	8,906	8,149	3,572	9,260	8,507	8,969	12,105	115,201	Mcf
Columbia County 24-9	Cum. Mcf	68,183	81,244	91,003	100,012	108,827	117,733	125,882	129,454	138,714	147,221	156,190	168,295	168,295	Cum. Mcf
O&G: 407	Tbg pres	-	-	-	-	-	-	-	-	-	-	-	-		Tbg pres
	Csg pres	318	318	318	326	314	320	322	328	323	321	315	315		Csg pres
	Therms	130,524	112,590	84,124	77,659	75,981	76,770	70,241	30,794	79,818	73,326	78,390	107,371	997,588	Therms
	Cum. Therms	596,337	708,927	793,051	870,710	946,691	1,023,461	1,093,702	1,124,496	1,204,314	1,277,640	1,356,030	1,463,401	1,463,401	Cum. Therms
	Btu/cf	862	862	862	862	862	862	862	862	862	862	874	887		Btu/cf
	\$/therm	0.15227	0.15223	0.15227	0.15224	0.15229	0.15223	0.15223	0.15236	0.15229	0.15230	0.15229	0.14049		\$/therm
	Total \$	\$19,875	\$17,140	\$12,810	\$11,823	\$11,571	\$11,687	\$10,693	\$4,692	\$12,155	\$11,168	\$11,938	\$15,085	\$150,635	Total \$
	Cum. Total \$	\$88,945	\$108,084	\$118,894	\$130,717	\$142,288	\$153,975	\$164,667	\$169,359	\$181,515	\$192,682	\$204,620	\$219,705	\$219,705	Cum. Total \$
ARCO	Mcf	3,069	3,429	3,021	2,100	1,843	2,914	2,184	1,702	1,694	9	0	0	21,965	Mcf
Columbia County 31-27	Cum. Mcf	154,951	158,380	161,401	163,501	165,344	168,258	170,442	172,144	173,838	173,847	173,847	173,847	173,847	Cum. Mcf
O&G: 387	Tbg pres	88	90	92	82	84	77	72	62	64	289	275	283		Tbg pres
	Csg pres	170	172	168	160	165	156	159	142	148	415	455	462		Csg pres
	Therms	30,138	33,182	28,874	20,051	17,604	27,829	20,733	15,949	15,875	86	0	0	210,321	Therms
	Cum. Therms	1,446,015	1,479,197	1,508,071	1,528,122	1,545,726	1,573,555	1,594,288	1,610,237	1,626,112	1,626,198	1,626,198	1,626,198	1,626,198	Cum. Therms
	Btu/cf	982	959	955	955	955	955	937	937	937	937	950	950		Btu/cf
	\$/therm	0.15227	0.15223	0.15227	0.15224	0.15229	0.15223	0.15223	0.15236	0.15229	0.15230	0.15229	0.14049		\$/therm
	Total \$	\$4,589	\$5,051	\$4,397	\$3,053	\$2,681	\$4,236	\$3,156	\$2,430	\$2,418	\$13	\$0	\$0	\$32,024	Total \$
	Cum. Total \$	\$230,857	\$235,908	\$240,305	\$243,358	\$246,039	\$250,275	\$253,431	\$255,861	\$258,279	\$258,292	\$258,292	\$258,292	\$258,292	Cum. Total \$
ARCO	Mcf	15,240	15,984	15,340	14,219	13,196	11,887	10,492	6,884	5,504	4,890	2,990	6,480	123,106	Mcf
Columbia County 31-34	Cum. Mcf	1,015,842	1,031,826	1,047,166	1,061,385	1,074,581	1,086,468	1,096,960	1,103,844	1,109,348	1,114,238	1,117,228	1,123,708	1,123,708	Cum. Mcf
O&G: 386	Tbg pres	130	124	115	108	102	96	91	80	78	69	65	58		Tbg pres
	Csg pres	140	131	122	114	108	103	98	82	81	76	76	65		Csg pres
	Therms	140,300	147,054	141,133	132,102	120,529	108,410	95,688	62,783	50,194	44,596	27,302	59,159	1,129,250	Therms
	Cum. Therms	9,163,519	9,310,573	9,451,706	9,583,808	9,704,337	9,812,747	9,908,435	9,971,218	10,021,412	10,066,008	10,093,310	10,152,469	10,152,469	Cum. Therms
	Btu/cf	920	920	920	932	912	912	912	912	912	912	913	913		Btu/cf
	\$/therm	0.15227	0.15223	0.15227	0.15224	0.15229	0.15223	0.15223	0.15236	0.15229	0.15230	0.15229	0.14049		\$/therm
	Total \$	\$21,363	\$22,386	\$21,490	\$20,111	\$18,355	\$16,503	\$14,567	\$9,566	\$7,644	\$6,792	\$4,158	\$8,311	\$171,247	Total \$
	Cum. Total \$	\$1,447,495	\$1,469,882	\$1,491,372	\$1,511,483	\$1,529,838	\$1,546,342	\$1,560,908	\$1,570,474	\$1,578,118	\$1,584,910	\$1,589,068	\$1,597,379	\$1,597,379	Cum. Total \$

ARCO	Mcf	11,225	10,331	11,579	11,158	10,604	11,489	11,745	11,266	10,503	9,563	9,437	8,967	127,867	Mcf
Columbia County 32-32	Cum. Mcf	1,125,322	1,135,653	1,147,232	1,158,390	1,168,994	1,180,483	1,192,228	1,203,494	1,213,997	1,223,560	1,232,997	1,241,964	1,241,964	Cum. Mcf
O&G: 339	Tbg pres	147	140	123	120	108	110	114	104	105	104	105	104		Tbg pres
	Csg pres	230	219	194	196	181	182	190	182	188	186	187	194		Csg pres
	Therms	107,875	101,036	113,492	109,486	104,131	112,818	115,332	110,632	103,137	93,912	91,913	87,339	1,251,103	Therms
	Cum. Therms	10,735,284	10,836,320	10,949,812	11,059,298	11,163,429	11,276,247	11,391,579	11,502,211	11,605,348	11,699,260	11,791,173	11,878,512	11,878,512	Cum. Therms
	Btu/cf	961	986	979	982	982	982	982	982	982	982	974	974		Btu/cf
	\$/therm	0.15227	0.15223	0.15227	0.15224	0.15229	0.15223	0.15223	0.15236	0.15229	0.15230	0.15229	0.14049		\$/therm
	Total \$	\$16,426	\$15,381	\$17,281	\$16,668	\$15,858	\$17,174	\$17,557	\$16,856	\$15,707	\$14,303	\$13,997	\$12,270	\$189,479	Total \$
	Cum. Total \$	\$1,716,207	\$1,731,588	\$1,748,869	\$1,765,537	\$1,781,396	\$1,798,570	\$1,816,127	\$1,832,983	\$1,848,689	\$1,862,992	\$1,876,990	\$1,889,260	\$1,889,260	Cum. Total \$

ARCO	Mcf	2,636	45	0	29	0	shut in							2,710	Mcf
Columbia County 34-28	Cum. Mcf	74,193	74,238	74,238	74,267	74,267								74,267	Cum. Mcf
O&G: 420	Tbg pres	-	-	-	-	-									Tbg pres
	Csg pres	301	271	255	149	439									Csg pres
	Therms	25,602	255	0	276	0									Therms
	Cum. Therms	708,111	708,366	708,366	708,642	708,642								708,642	Cum. Therms
	Btu/cf	971	-	-	971	-									Btu/cf
	\$/therm	0.15227	0.15223	0.15227	0.15224	0.15229									\$/therm
	Total \$	\$3,898	\$39	\$0	\$42	\$0								\$3,979	Total \$
	Cum. Total \$	\$104,305	\$104,344	\$104,344	\$104,386	\$104,386								\$104,386	Cum. Total \$

ARCO	Mcf	1,681	0	2,970	0	2,682	2,654	3,025	3,177	2,901	1,575	2,650	2,479	25,794	Mcf
Columbia County 43-22	Cum. Mcf	1,110,202	1,110,202	1,113,172	1,113,172	1,115,854	1,118,508	1,121,533	1,124,710	1,127,611	1,129,186	1,131,836	1,134,315	1,134,315	Cum. Mcf
O&G: 256	Tbg pres	444	445	400	445	142	133	84	75	85	181	82	88		Tbg pres
	Csg pres	446	446	400	449	215	212	162	154	160	239	154	164		Csg pres
	Therms	16,386	0	29,169	0	26,338	26,058	29,704	31,202	28,489	15,463	25,968	24,117	252,894	Therms
	Cum. Therms	7,942,178	7,942,178	7,971,347	7,971,347	7,997,685	8,023,743	8,053,447	8,084,649	8,113,138	8,128,601	8,154,569	8,178,686	8,178,686	Cum. Therms
	Btu/cf	975	-	928	-	982	982	982	982	982	982	980	973		Btu/cf
	\$/therm	0.15227	0.15223	0.15227	0.15224	0.15229	0.15223	0.15223	0.15236	0.15229	0.15230	0.15229	0.14049		\$/therm
	Total \$	\$2,495	\$0	\$4,442	\$0	\$4,011	\$3,967	\$4,522	\$4,754	\$4,339	\$2,355	\$3,955	\$3,388	\$38,227	Total \$
	Cum. Total \$	\$1,582,599	\$1,582,599	\$1,587,041	\$1,587,041	\$1,591,052	\$1,595,018	\$1,599,540	\$1,604,294	\$1,608,633	\$1,610,988	\$1,614,943	\$1,618,331	\$1,618,331	Cum. Total \$

ARCO	Mcf	14,497	13,487	14,356	12,507	12,014	11,737	9,747	11,263	11,619	10,302	8,544	8,722	138,795	Mcf
Columbia County 44-27	Cum. Mcf	422,126	435,613	449,969	462,476	474,490	486,227	495,974	507,237	518,856	529,158	537,702	546,424	546,424	Cum. Mcf
O&G: 406	Tbg pres	125	128	124	110	114	109	112	105	137	104	93	75		Tbg pres
	Csg pres	195	200	198	194	191	190	190	182	186	175	178	175		Csg pres
	Therms	135,691	125,598	132,737	115,570	111,011	108,450	90,068	104,069	107,355	95,197	77,583	80,070	1,283,399	Therms
	Cum. Therms	3,764,933	3,890,531	4,023,268	4,138,838	4,249,849	4,358,299	4,448,367	4,552,436	4,659,791	4,754,988	4,832,571	4,912,641	4,912,641	Cum. Therms
	Btu/cf	936	929	924	924	924	924	924	924	924	924	908	918		Btu/cf
	\$/therm	0.15227	0.15223	0.15227	0.15224	0.15229	0.15223	0.15223	0.15236	0.15229	0.15230	0.15229	0.14049		\$/therm
	Total \$	\$20,662	\$19,120	\$20,212	\$17,594	\$18,906	\$16,509	\$13,711	\$15,856	\$16,349	\$14,499	\$11,815	\$11,249	\$194,482	Total \$
	Cum. Total \$	\$554,628	\$573,747	\$593,959	\$611,554	\$628,460	\$644,969	\$658,680	\$674,536	\$690,885	\$705,384	\$717,199	\$728,448	\$728,448	Cum. Total \$

ARCO	Mcf	12,388	1,280	213	0	shut in										13,881	Mcf
Longview Fibre 23-25	Cum. Mcf	294,322	295,602	295,815	295,815											295,815	Cum. Mcf
O&G: 338	Tbg pres	118	104	147	-												Tbg pres
	Csg pres	118	-	147	226												Csg pres
	Therms	118,461	11,890	2,044	0												Therms
	Cum. Therms	4,779,639	4,791,529	4,793,573	4,793,573											132,395	Cum. Therms
	Btu/cf	958	958	958	957											4,793,573	Btu/cf
	\$/therm	0.15227	0.15223	0.15227	0.15224												\$/therm
	Total \$	\$18,038	\$1,810	\$311	\$0											\$20,159	Total \$
	Cum. Total \$	\$1,083,352	\$1,085,162	\$1,085,473	\$1,085,473											\$1,085,473	Cum. Total \$
ARCO	Mcf	7,035	10,487	9,652	9,332	7,772	7,320	6,217	4,423	5,618	6,209	6,144	9,256	89,465			Mcf
Longview Fibre 32-20	Cum. Mcf	135,642	146,129	155,781	165,113	172,885	180,205	186,422	190,845	196,463	202,672	208,816	218,072	218,072			Cum. Mcf
O&G: 412	Tbg pres	-	-	-	-	-	-	-	190,845	-	-	-	-	-			Tbg pres
	Csg pres	454	430	418	388	350	337	312	309	317	322	265	262				Csg pres
	Therms	69,715	103,927	95,656	93,053	77,636	73,133	62,115	44,183	56,126	62,028	61,072	91,368	890,012			Therms
	Cum. Therms	1,327,131	1,431,058	1,526,714	1,619,767	1,697,403	1,770,536	1,832,651	1,876,834	1,932,960	1,994,988	2,056,060	2,147,428	2,147,428			Cum. Therms
	Btu/cf	991	991	991	999	999	999	999	999	999	999	994	990				Btu/cf
	\$/therm	0.15227	0.15223	0.15227	0.15224	0.15229	0.15223	0.15223	0.15236	0.15229	0.15230	0.15229	0.14049				\$/therm
	Total \$	\$10,616	\$15,821	\$14,566	\$14,166	\$11,823	\$11,133	\$9,456	\$6,732	\$8,547	\$9,447	\$9,301	\$12,836	\$134,443			Total \$
	Cum. Total \$	\$195,295	\$211,115	\$225,681	\$239,847	\$251,670	\$262,803	\$272,259	\$278,991	\$287,538	\$296,985	\$306,286	\$319,122	\$319,122			Cum. Total \$
D Y Oil Corp	Mcf	86	0	638	140	713	166	0	26	4	Plugged				1,773		Mcf
Neverstill 33-30	Cum. Mcf	60,440	60,440	61,078	61,218	61,931	62,097	62,097	62,123	62,127				62,127			Cum. Mcf
O&G: 427	Tbg pres	665	564	695	645	435	780	275	301	340							Tbg pres
	Csg pres	705	223	768	752	585	780	740	788	806							Csg pres
	Therms	851	0	6,303	1,383	7,042	1,638	0	258	41							Therms
	Cum. Therms	585,799	585,799	592,102	593,485	600,527	602,165	602,165	602,423	602,464				602,464			Cum. Therms
	Btu/cf	988	-	988	988	988	988	-	-	988							Btu/cf
	\$/therm	0.15597	0.15597	0.15597	0.15597	0.15513	0.15597	0.15597	0.15597	0.15597							\$/therm
	Total \$	\$133	\$0	\$983	\$216	\$1,092	\$255	\$0	\$40	\$6				\$2,726			Total \$
	Cum. Total \$	\$84,344	\$84,344	\$85,327	\$85,543	\$86,635	\$86,890	\$86,890	\$86,931	\$86,937				\$86,937			Cum. Total \$
Nehama and Weagant	Mcf		6,292	12,955	9,741	11,321	18,567	20,413	8,081	11,901	7,998	17,604	20,220	145,093			Mcf
CER 11-16-64	Cum. Mcf		6,292	19,247	28,988	40,309	58,876	79,289	87,370	99,271	107,269	124,873	145,093	145,093			Cum. Mcf
O&G: 449	Tbg pres		-	-	334	316	320	318	333	326	329	311	312				Tbg pres
	Csg pres		334	330	334	323	326	322	334	327	330	312	316				Csg pres
	Therms		56,379	116,078	84,830	98,534	161,877	178,005	70,469	103,775	69,743	153,330	176,120	1,269,140			Therms
	Cum. Therms		56,379	172,457	257,287	355,821	517,698	695,703	766,172	869,947	939,690	1,093,020	1,269,140	1,269,140			Cum. Therms
	Btu/cf		896	896	858	871	872	872	872	872	872	871	871				Btu/cf
	\$/therm		0.14785	0.14811	0.14780	0.14771	0.14749	0.14746	0.14796	0.14768	0.14794	0.14750	0.13574				\$/therm
	Total \$		\$8,336	\$17,192	\$12,538	\$14,554	\$23,875	\$26,249	\$10,427	\$15,325	\$10,318	\$22,616	\$23,907	\$185,337			Total \$
	Cum. Total \$		\$8,336	\$25,528	\$38,066	\$52,620	\$76,496	\$102,744	\$113,171	\$128,496	\$138,814	\$161,430	\$185,337	\$185,337			Cum. Total \$

****TOTAL MCF FOR THIS YEAR..... 2,739,605

TOTAL CUM. MCF TO DATE..... 43,770,108

MIST PRODUCTION FIGURES

		Production 1992	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year Total	Production 1992
Nahama and Weagant CER 11-16-64 O&G: 449	Mcf		12,599	13,186	14,768	13,033	21,299	22,852	22,783	20,122	7,862	7,105	14,535	12,388	182,532	Mcf
	Cum. Mcf		157,692	170,878	185,646	198,679	219,978	242,830	265,613	285,735	293,597	300,702	315,237	327,625	327,625	Cum. Mcf
	Tbg pres		313	310	312	308	298	294	292	292	295	287	285	291		Tbg pres
	Csg pres		313	313	314	310	302	298	298	296	300	298	295	295		Csg pres
	Therms		109,739	114,856	129,360	113,910	186,577	200,867	200,261	201,216	69,188	62,519	127,912	109,135	1,625,540	Therms
	Cum. The		1,378,879	1,493,735	1,623,095	1,737,005	1,923,582	2,124,449	2,324,710	2,525,926	2,595,114	2,657,633	2,785,545	2,894,680	2,894,680	Cum. Ther
	Btu/cf		871	871	876	876	876	879	879	879	880	880	880	881		Btu/cf
	\$/therm		0.13518	0.13516	0.13485	0.13563	0.13526	0.13516	0.13137	0.13156	0.13151	0.13175	0.13175	0.16466		\$/therm
	Total \$		\$14,835	\$15,524	\$17,444	\$15,450	\$25,236	\$27,149	\$26,308	\$26,472	\$9,099	\$8,237	\$16,852	\$17,970	\$220,576	Total \$
	Cum. Tot		\$66,324	\$81,847	\$99,292	\$114,741	\$139,978	\$167,127	\$193,435	\$219,907	\$229,006	\$237,243	\$254,095	\$272,065	\$272,065	Cum. Total
Nahama and Weagant Cav. Energy Res. 13-1 O&G: 436	Mcf		535	852	627	849	953	297	0	0	0	0	0	0	4,113	Mcf
	Cum. Mcf		45,584	46,436	47,063	47,912	48,865	49,162	49,162	49,162	49,162	49,162	49,162	49,162	49,162	Cum. Mcf
	Tbg pres		-	-	-	-	-	-	-	-	-	-	-	-		Tbg pres
	Csg pres		262	268	267	274	272	403	264	260	260	260				Csg pres
	Therms		3,960	6,435	4,796	6,499	7,288	2,269	0	0	0	0	0	0	31,247	Therms
	Cum. The		343,123	349,558	354,354	360,853	368,141	370,410	370,410	370,410	370,410	370,410	370,410	370,410	370,410	Cum. Ther
	Btu/cf		740	756	765	765	765	765	765	-	-	-	-	-		Btu/cf
	\$/therm		0.13976	0.13932	0.13927	0.13501	0.13496	0.13496	0.13115	0.13119	0.13159	0.13193	0.13155	0.13155		\$/therm
	Total \$		\$553	\$897	\$668	\$877	\$984	\$306	\$0	\$0	\$0	\$0	\$0	\$0	\$4,285	Total \$
	Cum. Tot		\$52,042	\$52,939	\$53,607	\$54,484	\$55,468	\$55,774	\$55,774	\$55,774	\$55,774	\$55,774	\$55,774	\$55,774	\$55,774	Cum. Total
Nahama and Weagant Cav. Energy Res. 41-16 O&G: 423	Mcf		28,630	23,699	26,824	23,881	36,812	38,922	38,928	34,589	15,932	14,062	30,746	28,517	341,542	Mcf
	Cum. Mcf		366,778	390,477	417,301	441,182	477,994	516,916	555,844	590,433	606,365	620,427	651,173	679,690	679,690	Cum. Mcf
	Tbg pres		-	-	-	-	-	-	-	-	-	-	-	-		Tbg pres
	Csg pres		318	316	312	312	306	298	301	300	300	296	292	295		Csg pres
	Therms		251,378	208,549	234,174	208,478	321,368	340,178	340,231	302,313	139,413	123,045	269,332	249,816	2,988,275	Therms
	Cum. The		3,211,507	3,420,056	3,654,230	3,862,708	4,184,076	4,524,254	4,864,485	5,166,798	5,306,211	5,429,256	5,698,588	5,948,404	5,948,404	Cum. Ther
	Btu/cf		878	878	873	873	873	874	874	874	875	875	876	876		Btu/cf
	\$/therm		0.13976	0.13932	0.13927	0.13501	0.13496	0.13496	0.13115	0.13119	0.13159	0.13193	0.13155	0.16466		\$/therm
	Total \$		\$35,133	\$29,055	\$32,613	\$28,147	\$43,372	\$45,910	\$44,621	\$39,660	\$18,345	\$16,233	\$35,431	\$41,135	\$409,656	Total \$
	Cum. Tot		\$478,474	\$507,529	\$540,142	\$568,289	\$611,660	\$657,571	\$702,192	\$741,853	\$760,198	\$776,431	\$811,862	\$852,997	\$852,997	Cum. Total
Nahama and Weagant Columbia County CFW 12- O&G: 408	Mcf		18,678	15,021	16,817	15,059	23,152	24,072	24,355	21,664	9,107	8,739	20,473	18,936	216,073	Mcf
	Cum. Mcf		314,396	329,417	346,234	361,293	384,445	408,517	432,872	454,536	463,643	472,382	492,855	511,791	511,791	Cum. Mcf
	Tbg pres		-	-	-	-	-	-	-	-	-	-	-	-		Tbg pres
	Csg pres		314	312	310	310	300	294	294	294	300	298	293	295		Csg pres
	Therms		162,312	129,333	146,980	129,957	199,795	207,740	210,181	186,953	78,683	75,501	177,091	163,794	1,868,320	Therms
	Cum. The		2,730,670	2,860,003	3,006,983	3,136,940	3,336,735	3,544,475	3,754,656	3,941,609	4,020,292	4,095,793	4,272,884	4,436,678	4,436,678	Cum. Ther
	Btu/cf		869	861	874	863	863	863	863	863	864	864	865	865		Btu/cf
	\$/therm		0.13967	0.13932	0.13927	0.13501	0.13496	0.13496	0.13115	0.13119	0.13159	0.13193	0.13155	0.16466		\$/therm
	Total \$		\$22,670	\$18,019	\$20,470	\$17,545	\$26,964	\$28,037	\$27,565	\$24,526	\$10,354	\$9,961	\$23,296	\$26,970	\$256,378	Total \$
	Cum. Tot		\$408,209	\$426,228	\$446,698	\$464,243	\$491,208	\$519,244	\$546,809	\$571,336	\$581,690	\$591,650	\$614,947	\$641,917	\$641,917	Cum. Total

Nahama and Weagant	Mcf	14,033	12,572	11,834	9,516	7,664	5,424	4,638	4,135	5,476	5,689	8,271	7,674	96,926	Mcf
Columbia County 12-19	Cum. Mcf	575,737	588,309	600,143	609,659	617,323	622,747	627,385	631,520	636,996	642,685	650,956	658,630	658,630	Cum. Mcf
O&G: 400	Tbg pres	-	-	-	-	-	-	-	-	-	-	-	94	-	Tbg pres
	Csg pres	390	366	334	310	284	272	272	272	100	110	157	262	-	Csg pres
	Therms	136,964	125,339	117,985	94,876	76,406	54,073	46,245	41,224	54,595	56,723	82,463	76,513	963,406	Therms
	Cum. The	5,687,056	5,812,395	5,930,380	6,025,256	6,101,662	6,155,735	6,201,980	6,243,204	6,297,799	6,354,522	6,436,985	6,513,498	6,513,498	Cum. Ther
	Btu/cf	976	997	997	997	997	997	997	997	997	997	997	997	-	Btu/cf
	\$/therm	0.13976	0.13932	0.13927	0.13501	0.13496	0.13496	0.13115	0.13119	0.13159	0.13193	0.13155	0.16466	-	\$/therm
	Total \$	\$19,142	\$17,462	\$16,432	\$12,809	\$10,312	\$7,298	\$6,065	\$5,408	\$7,184	\$7,483	\$10,848	\$12,599	\$133,042	Total \$
	Cum. Tot	\$845,204	\$862,666	\$879,098	\$891,907	\$902,219	\$909,517	\$915,582	\$920,990	\$928,174	\$935,658	\$946,506	\$959,104	\$959,104	Cum. Total

Nahama and Weagant	Mcf	29,351	27,566	28,807	27,621	28,493	27,289	27,983	20,604	26,636	15,368	25,385	25,292	310,395	Mcf
Columbia County 13-34	Cum. Mcf	3,216,357	3,243,923	3,272,730	3,300,351	3,328,844	3,356,133	3,384,116	3,404,720	3,431,356	3,446,724	3,472,109	3,497,401	3,497,401	Cum. Mcf
O&G: 225	Tbg pres	381	378	376	372	370	368	364	360	348	346	341	332	-	Tbg pres
	Csg pres	389	386	384	380	380	376	372	370	357	355	352	342	-	Csg pres
	Therms	289,987	272,908	285,185	273,453	282,090	270,163	277,033	203,978	263,698	152,140	251,311	250,135	3,072,081	Therms
	Cum. The	30,694,407	30,967,315	31,252,500	31,525,953	31,808,043	32,078,206	32,355,239	32,559,217	32,822,915	32,975,055	33,226,366	33,476,501	33,476,501	Cum. Ther
	Btu/cf	988	990	990	990	990	990	990	990	990	990	990	989	-	Btu/cf
	\$/therm	0.13976	0.13932	0.13927	0.13501	0.13526	0.13496	0.13115	0.13119	0.13159	0.13193	0.13155	0.16466	-	\$/therm
	Total \$	\$40,529	\$38,022	\$39,718	\$36,919	\$38,155	\$36,461	\$36,333	\$26,760	\$34,700	\$20,072	\$33,060	\$41,187	\$421,915	Total \$
	Cum. Tot	\$6,202,515	\$6,240,536	\$6,280,254	\$6,317,173	\$6,355,328	\$6,391,789	\$6,428,122	\$6,454,882	\$6,489,582	\$6,509,654	\$6,542,714	\$6,583,901	\$6,583,901	Cum. Total

Nahama and Weagant	Mcf	38,184	47,053	62,680	57,285	58,688	57,285	58,592	57,512	39,844	22,385	33,253	34,895	567,656	Mcf
Columbia County 14-23	Cum. Mcf	3,656,340	3,703,393	3,766,073	3,823,358	3,882,046	3,939,331	3,997,923	4,055,435	4,095,279	4,117,664	4,150,917	4,185,812	4,185,812	Cum. Mcf
O&G: 318	Tbg pres	286	250	240	232	261	223	216	218	240	238	240	235	-	Tbg pres
	Csg pres	296	279	272	266	272	256	248	246	250	250	247	245	-	Csg pres
	Therms	365,045	450,301	599,848	548,222	561,647	548,217	548,217	550,390	381,303	214,223	318,236	333,942	5,419,591	Therms
	Cum. The	34,420,871	34,871,172	35,471,020	36,019,242	36,580,889	37,129,106	37,677,323	38,227,713	38,609,016	38,823,239	39,141,475	39,475,417	39,475,417	Cum. Ther
	Btu/cf	956	957	957	957	957	957	957	957	957	957	957	957	-	Btu/cf
	\$/therm	0.13976	0.13932	0.13927	0.13501	0.13496	0.13496	0.13115	0.13119	0.13159	0.13193	0.13155	0.16466	-	\$/therm
	Total \$	\$51,019	\$62,736	\$83,541	\$74,015	\$75,800	\$73,987	\$71,899	\$72,206	\$50,176	\$28,262	\$41,864	\$54,987	\$740,491	Total \$
	Cum. Tot	\$5,294,172	\$5,356,908	\$5,440,448	\$5,514,464	\$5,590,264	\$5,664,251	\$5,736,150	\$5,808,355	\$5,858,531	\$5,886,794	\$5,928,658	\$5,983,644	\$5,983,644	Cum. Total

Nahama and Weagant	Mcf	7,051	5,223	5,444	5,162	5,275	4,955	5,133	5,010	4,831	2,993	4,788	6,875	62,740	Mcf
Columbia County 21-35	Cum. Mcf	251,945	257,168	262,612	267,774	273,049	278,004	283,137	288,147	292,978	295,971	300,759	307,634	307,634	Cum. Mcf
O&G: 393	Tbg pres	406	408	410	406	406	404	402	402	400	402	406	395	-	Tbg pres
	Csg pres	486	492	494	492	494	492	492	492	490	487	488	460	-	Csg pres
	Therms	63,814	47,002	48,996	46,459	47,368	44,501	46,250	45,141	43,532	26,973	43,145	61,944	565,125	Therms
	Cum. The	2,226,795	2,273,797	2,322,793	2,369,252	2,416,620	2,461,121	2,507,371	2,552,512	2,596,044	2,623,017	2,666,162	2,728,106	2,728,106	Cum. Ther
	Btu/cf	905	900	900	900	898	898	901	901	901	901	901	901	-	Btu/cf
	\$/therm	0.13976	0.13932	0.13927	0.13501	0.13496	0.13496	0.13115	0.13119	0.13159	0.13193	0.13155	0.16466	-	\$/therm
	Total \$	\$8,919	\$6,548	\$6,824	\$6,272	\$6,393	\$6,006	\$6,066	\$5,922	\$5,728	\$3,559	\$5,676	\$10,200	\$78,112	Total \$
	Cum. Tot	\$330,832	\$337,380	\$344,204	\$350,476	\$356,869	\$362,875	\$368,940	\$374,862	\$380,591	\$384,149	\$389,825	\$400,025	\$400,025	Cum. Total

Nahama and Weagant	Mcf	23,892	21,672	21,899	16,207	18,262	16,875	16,501	16,164	15,600	8,578	13,722	13,744	203,116	Mcf
Columbia County 23-22	Cum. Mcf	5,123,748	5,145,420	5,167,319	5,183,526	5,201,788	5,218,663	5,235,164	5,251,328	5,266,928	5,275,506	5,289,228	5,302,972	5,302,972	Cum. Mcf
O&G: 237	Tbg pres	80	78	74	76	74	78	72	68	65	68	64	65		Tbg pres
	Csg pres	95	94	90	89	88	86	81	78	80	75	74	75		Csg pres
	Therms	235,342	213,475	215,709	159,642	179,877	166,224	162,527	159,219	153,664	84,493	135,163	135,381	2,000,716	Therms
	Cum. The	47,091,257	47,304,732	47,520,441	47,680,083	47,859,960	48,026,184	48,188,711	48,347,930	48,501,594	48,586,087	48,721,250	48,856,631	48,856,631	Cum. Ther
	Btu/cf	985	985	985	985	985	985	985	985	985	985	985	985		Btu/cf
	\$/therm	0.13976	0.13932	0.13927	0.13501	0.13496	0.13496	0.13115	0.13119	0.13159	0.13193	0.13155	0.16466		\$/therm
	Total \$	\$32,891	\$29,741	\$30,042	\$21,553	\$24,276	\$22,434	\$21,315	\$20,888	\$20,221	\$11,147	\$17,781	\$22,292	\$274,581	Total \$
	Cum. Tot	\$9,691,515	\$9,721,257	\$9,751,299	\$9,772,852	\$9,797,128	\$9,819,562	\$9,840,877	\$9,861,765	\$9,881,986	\$9,893,133	\$9,910,913	\$9,933,205	\$9,933,205	Cum. Total

Nahama and Weagant	Mcf	9,960	8,535	8,932	8,524	11,453	11,204	11,436	10,358	5,336	5,361	13,263	8,616	112,978	Mcf
Columbia County 24-9	Cum. Mcf	178,255	186,790	195,722	204,246	215,699	226,903	238,339	248,697	254,033	259,394	272,657	281,273	281,273	Cum. Mcf
O&G: 407	Tbg pres	-	-	-	-	-	-	-	-	-	-	-	-	-	Tbg pres
	Csg pres	315	310	308	306	300	290	294	292	300	294	286	290		Csg pres
	Therms	88,342	75,192	78,693	75,099	100,099	98,152	100,633	91,151	46,792	47,016	116,315	75,562	993,046	Therms
	Cum. The	1,551,743	1,626,935	1,705,628	1,780,727	1,880,826	1,978,978	2,079,611	2,170,762	2,217,554	2,264,570	2,380,885	2,456,447	2,456,447	Cum. Ther
	Btu/cf	887	881	881	881	874	876	880	880	877	877	877	877		Btu/cf
	\$/therm	0.13976	0.13932	0.13927	0.13501	0.13496	0.13496	0.13115	0.13119	0.13159	0.13193	0.13155	0.16466		\$/therm
	Total \$	\$12,347	\$10,476	\$10,960	\$10,139	\$13,509	\$13,247	\$13,198	\$11,958	\$6,157	\$6,203	\$15,301	\$12,442	\$135,937	Total \$
	Cum. Tot	\$232,052	\$242,527	\$253,487	\$263,626	\$277,135	\$290,382	\$303,580	\$315,538	\$321,696	\$327,898	\$343,200	\$355,642	\$355,642	Cum. Total

Nahama and Weagant	Mcf												12,061	12,061	Mcf
Columbia County 31-15-65	Cum. Mcf												12,061	12,061	Cum. Mcf
O&G: 469	Tbg pres												740		Tbg pres
	Csg pres												746		Csg pres
	Therms												112,532	112,532	Therms
	Cum. Therms												112,532	112,532	Cum. Ther
	Btu/cf												933		Btu/cf
	\$/therm												0.16466		\$/therm
	Total \$												\$18,530	\$225,997	Total \$
	Cum. Total \$												\$18,530	\$225,997	Cum. Total

Nahama and Weagant	Mcf	11,420	9,354	9,393	8,139	8,267	7,160	7,056	6,157	5,439	3,012	4,785	4,502	84,684	Mcf
Columbia County 31-34	Cum. Mcf	1,135,128	1,144,482	1,153,875	1,162,014	1,170,281	1,177,441	1,184,497	1,190,654	1,196,093	1,199,105	1,203,890	1,208,392	1,208,392	Cum. Mcf
O&G: 386	Tbg pres	54	48	44	38	32	37	24	22	18	19	19	20		Tbg pres
	Csg pres	62	56	51	44	38	33	30	30	25	22	23	21		Csg pres
	Therms	104,262	86,053	86,417	74,881	76,057	65,869	64,914	56,647	50,038	27,713	44,071	41,460	778,382	Therms
	Cum. The	10,256,731	10,342,784	10,429,201	10,504,082	10,580,139	10,646,008	10,710,922	10,767,569	10,817,607	10,845,320	10,889,391	10,930,851	10,930,851	Cum. Ther
	Btu/cf	913	920	920	920	920	920	920	920	920	920	921	921		Btu/cf
	\$/therm	0.13976	0.12932	0.13927	0.13501	0.13496	0.13496	0.13115	0.13119	0.13159	0.13193	0.13155	0.16466		\$/therm
	Total \$	\$14,572	\$11,128	\$12,035	\$10,110	\$10,265	\$8,890	\$8,513	\$7,432	\$6,585	\$3,656	\$5,798	\$6,827	\$105,809	Total \$
	Cum. Tot	\$1,611,951	\$1,623,079	\$1,635,114	\$1,645,224	\$1,655,489	\$1,664,378	\$1,672,892	\$1,680,323	\$1,686,908	\$1,690,564	\$1,696,362	\$1,703,188	\$1,703,188	Cum. Total

Nahama and Weagant	Mcf	10,423	8,330	9,100	9,856	10,049	9,556	9,668	9,411	8,939	3,689	6,856	7,447	103,324	Mcf
Columbia County 32-32	Cum. Mcf	1,252,387	1,260,717	1,269,817	1,279,673	1,289,722	1,299,278	1,308,946	1,318,357	1,327,296	1,330,985	1,337,841	1,345,288	1,345,288	Cum. Mcf
O&G: 339	Tbg pres	103	394	66	70	70	65	64	62	60	47	51	45		Tbg pres
	Csg pres	196	412	136	140	140	136	138	138	132	155	148	127		Csg pres
	Therms	101,514	81,128	88,548	95,899	97,782	92,983	94,070	91,577	86,975	35,897	66,708	72,458	1,005,539	Therms
	Cum. The	11,980,026	12,061,154	12,149,702	12,245,601	12,343,383	12,436,366	12,530,436	12,622,013	12,708,988	12,744,885	12,811,593	12,884,051	12,884,051	Cum. Ther
	Btu/cf	974	974	973	973	973	973	973	973	973	973	973	973		Btu/cf
	\$/therm	0.10423	0.13932	0.13927	0.13501	0.13496	0.13496	0.13115	0.13119	0.13159	0.13193	0.13155	0.16466		\$/therm
	Total \$	\$10,581	\$11,303	\$12,332	\$12,947	\$13,197	\$12,549	\$12,337	\$12,014	\$11,445	\$4,736	\$8,775	\$11,931	\$134,147	Total \$
	Cum. Tot	\$1,899,841	\$1,911,144	\$1,923,476	\$1,936,423	\$1,949,620	\$1,962,169	\$1,974,506	\$1,986,520	\$1,997,965	\$2,002,701	\$2,011,476	\$2,023,407	\$2,023,407	Cum. Total

Nahama and Weagant	Mcf				2,938	2,468	221	221	0	0	0	101	0	5,949	Mcf
Columbia County 34-31	Cum. Mcf				2,938	5,406	5,627	5,848	5,848	5,848	5,848	5,949	5,949	5,949	Cum. Mcf
O&G: 458	Tbg pres				474	260	271	440	572	580	587	503	591		Tbg pres
	Csg pres				478	470	525	545	535	580	585	583	590		Csg pres
	Therms				28,704	24,185	2,163	2,170	0	0	0	986	0	58,208	Therms
	Cum. The				28,704	52,889	55,052	57,222	57,222	57,222	57,222	58,208	58,208	58,208	Cum. Ther
	Btu/cf				977	980	980	983	983	983	983	981	981		Btu/cf
	\$/therm				0.13563	0.13496	0.13516	0.13137	0.13156	0.13151	0.13175	0.13147	0.16466		\$/therm
	Total \$				\$3,893	\$3,264	\$292	\$285	\$0	\$0	\$0	\$130	\$0	\$7,864	Total \$
	Cum. Tot				\$3,893	\$7,157	\$7,449	\$7,735	\$7,735	\$7,735	\$7,735	\$7,864	\$7,864	\$7,864	Cum. Total

Nahama and Weagant	Mcf	2,612	2,270	2,520	99	Shut-in								7,501	Mcf
Columbia County 43-22	Cum. Mcf	1,136,927	1,139,197	1,141,717	1,141,816									1,141,816	Cum. Mcf
O&G: 256	Tbg pres	92	74	84	88										Tbg pres
	Csg pres	177	156	164	170										Csg pres
	Therms	25,418	22,250	24,668	968									73,304	Therms
	Cum. The	8,204,104	8,226,354	8,251,022	8,251,990									8,251,990	Cum. Ther
	Btu/cf	973	980	979	979										Btu/cf
	\$/therm	0.13976	0.13932	0.13927	0.13501										\$/therm
	Total \$	\$3,552	\$3,100	\$3,436	\$131									\$10,218	Total \$
	Cum. Tot	\$1,821,883	\$1,824,983	\$1,828,419	\$1,828,549									\$1,828,549	Cum. Total

Nahama and Weagant	Mcf							3,268	32,286	19,082	33,202	37,372	125,210		Mcf
Columbia County 43-33-75	Cum. Mcf							3,268	35,554	54,636	87,838	125,210	125,210		Cum. Mcf
O&G: 470	Tbg pres							436	400	396	391	355			Tbg pres
	Csg pres							440	410	407	402	386			Csg pres
	Therms							32,285	318,986	188,527	328,033	369,237	1,237,068		Therms
	Cum. The							32,285	351,271	539,798	867,831	1,237,068	1,237,068		Cum. Ther
	Btu/cf							988	988	988	988	988			Btu/cf
	\$/therm							0.13156	0.13151	0.13175	0.13147	0.16466			\$/therm
	Total \$							\$4,247	\$41,950	\$24,838	\$43,126	\$60,799	\$174,961		Total \$
	Cum. Tot							\$4,247	\$46,197	\$71,036	\$114,162	\$174,961	\$174,961		Cum. Total

Nahama and Weagant	Mcf	915	5,769	3,524	6,626	4,713	4,198	3,181	2,640	2,813	5,377	3,106	42,862	Mcf
Columbia County 44-8-64	Cum. Mcf	915	6,684	10,208	16,834	21,547	25,745	28,926	31,566	34,379	39,756	42,862	42,862	Cum. Mcf
O&G: 459	Tbg pres	309	310	308	293	284	282	278	295	287	283	290		Tbg pres
	Csg pres	312	310	308	293	296	292	290	295	287	284	290		Csg pres
	Therms	8,225	51,751	31,891	59,505	42,366	37,993	28,789	23,728	25,291	48,339	27,926	385,804	Therms
	Cum. The	8,225	59,976	91,867	151,372	193,738	231,731	260,520	284,248	309,539	357,878	385,804	385,804	Cum. Ther
	Btu/cf	899	897	905	898	899	905	905	899	899	899	899		Btu/cf
	\$/therm	0.13516	0.13485	0.13563	0.13526	0.13516	0.13137	0.13156	0.13151	0.13175	0.13147	0.16466		\$/therm
	Total \$	\$1,112	\$6,979	\$4,325	\$8,049	\$5,726	\$4,991	\$3,787	\$3,120	\$3,332	\$6,355	\$4,598	\$52,375	Total \$
	Cum. Tot	\$1,112	\$8,090	\$12,416	\$20,464	\$26,191	\$31,182	\$34,969	\$38,090	\$41,422	\$47,777	\$52,375	\$52,375	Cum. Total

Nahama and Weagant	Mcf	9,033	7,724	7,350	7,420	7,476	7,101	7,323	6,470	6,141	2,502	4,053	6,359	78,952	Mcf
Columbia County 44-27	Cum. Mcf	555,457	563,181	570,531	577,951	585,427	592,528	599,851	606,321	612,462	614,964	619,017	625,376	625,376	Cum. Mcf
O&G: 406	Tbg pres	74	74	62	58	56	54	40	54	48	48	97	55		Tbg pres
	Csg pres	175	174	172	170	168	166	166	164	158	154	156	158		Csg pres
	Therms	82,920	71,218	67,763	68,412	69,005	65,543	67,664	59,784	56,745	23,094	37,415	58,690	728,253	Therms
	Cum. The	4,995,561	5,066,779	5,134,542	5,202,954	5,271,959	5,337,502	5,405,166	5,464,950	5,521,695	5,544,789	5,582,204	5,640,894	5,640,894	Cum. Ther
	Btu/cf	918	922	922	922	923	923	924	924	924	924	923	923		Btu/cf
	\$/therm	0.13967	0.13932	0.13927	0.13501	0.13496	0.13496	0.13115	0.13119	0.13151	0.13193	0.13155	0.16466		\$/therm
	Total \$	\$11,581	\$9,922	\$9,437	\$9,236	\$9,313	\$8,846	\$8,874	\$7,843	\$7,463	\$3,047	\$4,922	\$9,664	\$100,148	Total \$
	Cum. Tot	\$740,029	\$749,952	\$759,389	\$768,625	\$777,938	\$786,784	\$795,658	\$803,501	\$810,964	\$814,010	\$818,932	\$828,596	\$828,596	Cum. Total

Nahama and Weagant	Mcf	7,292	7,365	8,461	7,211	6,785	4,625	6,030	7,089	5,059	1,485	4,521	5,142	71,065	Mcf
Longview Fibre 32-20	Cum. Mcf	225,364	232,729	241,190	248,401	255,186	259,811	265,841	272,930	277,989	279,474	283,995	289,137	289,137	Cum. Mcf
O&G: 412	Tbg pres	-	-	-	-	-	-	-	-	-	-	-	-		Tbg pres
	Csg pres	258	160	153	140	134	258	92	86	180	155	181	154		Csg pres
	Therms	72,268	72,910	85,456	71,396	67,373	45,928	59,876	70,390	50,233	14,743	44,891	51,055	706,519	Therms
	Cum. The	2,219,696	2,292,606	2,378,062	2,449,458	2,516,831	2,562,759	2,622,635	2,693,025	2,743,258	2,758,001	2,802,892	2,853,947	2,853,947	Cum. Ther
	Btu/cf	991	990	990	990	993	993	993	993	993	993	993	993		Btu/cf
	\$/therm	0.13976	0.13932	0.13927	0.13501	0.13496	0.13496	0.13115	0.13119	0.13159	0.13193	0.13155	0.16466		\$/therm
	Total \$	\$10,100	\$10,158	\$11,901	\$9,639	\$9,093	\$6,198	\$7,853	\$9,234	\$6,610	\$1,945	\$5,905	\$8,407	\$97,044	Total \$
	Cum. Tot	\$329,222	\$339,380	\$351,281	\$360,921	\$370,013	\$376,212	\$384,064	\$393,299	\$399,909	\$401,854	\$407,760	\$416,166	\$416,166	Cum. Total

TOTAL MCF FOR THIS YEAR..... 2,492,408

TOTAL CUM. MCF TO DATE..... 46,262,516