Table A4. Estimated Composition of Liquids Extracted at Natural Gas Processing Plants and the Resulting Heat Content Extraction Loss by State, 1998

(Liquid Volumes in Thousand Barrels, Heat Content in Billion Btu)

State	Estimated Components and Products in Liquids Extracted[a]					Estimated Heat Content Extraction Loss[b]
	Ethane	Propane	Isobutane	N-Butane	Pentanes Plus	Heat Content
Alabama	22	1,141	172	826	1,036	13,496
Alaska	0	1,319	3,490	9,724	19,356	150,419
Arkansas	39	51	29	110	137	1,536
California	18	2,159	2,523	1,377	2,274	34,826
Colorado	6,345	5,096	875	2,205	2,946	65,730
Florida	546	521	0	335	157	5,856
Illinois	0	22	0	0	37	255
Kansas	6,605	14,223	2,450	4,751	4,823	127,491
Kentucky	274	823	79	275	211	6,476
Louisiana	33,494	29,514	9,727	10,370	18,252	384,288
Michigan	1,209	1,238	566	511	875	16,977
Mississippi	3	94	16	97	160	1,592
Montana	11	144	17	77	69	1,306
New Mexico	34,811	20,311	3,637	7,154	8,145	268,232
North Dakota	0	1,969	0	1,171	1,094	17,673
Ohio	0	23	1	16	20	258
Oklahoma	27,416	19,789	3,516	6,756	7,829	239,776
Pennsylvania	0	258	54	144	98	2,280
Texas	104,408	76,501	36,787	10,131	44,686	1,011,707
Utah	2,317	2,270	320	1,048	2,325	32,395
West Virginia	1,674	2,054	276	591	563	19,293
Wyoming	7,319	11,562	2,728	4,403	5,988	124,462
Total	**226,511**	**191,082**	**67,263**	**62,072**	**121,081**	**2,526,324**

[a] The liquid quantities shown are the estimated quantities of individual components and products contained in the liquids at the point at which the liquids were extracted from the natural gas. The estimates are based upon the assumption that the liquids extracted in each State were composed of natural gas components and products in the same proportions as those ultimately fractionated at processing and fractionating plants within the State. The quantities ultimately extracted in each State were obtained from unpublished summaries of the 12 monthly reports on Form EIA-816. For each State, ratios of the quantities of each component and product ultimately fractionated to the total quantity of liquids fractionated were developed. Those ratios were applied to the total liquids quantities extracted from natural gas in each State (see Table A3) to derive the estimated component and product quantities shown.

[b] Extraction loss represents that portion of the natural gas stream which was transferred to the petroleum and natural gas liquids supply chain as a result of the removal of part of the natural gas constituents in the form of natural gas liquids at natural gas processing plants. Estimates of the heat content extraction loss, i.e., the heat content of the extracted liquids, were computed using the following average heat content conversion factors (million Btu per barrel): ethane, 3.082; propane, 3.836; normal butane, 4.326; isobutane, 3.974; and pentanes plus, 4.620.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Estimated Components and Products in Liquids Extracted: Total liquids from Form EIA-64A, "Annual Report of the Origin of Natural Gas Liquids Production," apportioned to components and products based upon quantities of components and products fractionated as reported on Energy Information Administration (EIA), Form EIA-816, "Monthly Natural Gas Liquids Report" (see footnote a above). Heat Content extraction loss conversion factors (see footnote b above): Energy Information Administration, *Annual Energy Review, 1998*.