Table 7. Estimate of in-place natural gas resources (GIP) in the Greater Big Sandy Assessment Unit (See figure 20).
Data from: Kuuskraa and Wicks (1984), Kuuskraa and others (1985), and Lewin and Associates (1983).

STATE	COUNTY	FIPS	Geological Setting	Partitioned Areas in Geological Settings I and II	*Target GIP (Tcf/sqmi)	*Target GIP (Bcf/sqmi)	Square miles / County	GIP/County (Bcf)	Approximate % County in AU	GIP (Bcf)	Well spacing (acres)	Range - Cum Recovery / well for 40 years MMCF/Well	Radial Stimulation Recovery for 40 Years MMCF/well
Kentucky	Floyd	21071	I	I	0.0169	16.93	393	6,653	1.00	6,653	80	962-1706	1252
Kentucky	Martin	21159	I	I	0.0169	16.93	230	3,894	1.00	3,894	80	962-1706	1252
Kentucky	Knott	21119	I	III	0.0088	8.81	352	3,101	1.00	3,101	80	499-854	658
Kentucky	Leslie	21131	I	III	0.0088	8.81	402	3,542	1.00	3,542	80	499-854	658
Kentucky	Letcher	21133	I	III	0.0088	8.81	339	2,987	1.00	2,987	80	499-854	658
Kentucky	Perry	21193	I	III	0.0088	8.81	341	3,004	1.00	3,004	80	499-854	658
Kentucky	Pike	21195	I	I	0.0059	5.91	785	4,639	1.00	4,639	80	452-634	537
Kentucky	Boyd	21019	I	IV	0.0052	5.20	160	832	0.50	416	80	305-592	411
Kentucky	Johnson	21115	I	IV	0.0052	5.20	264	1,373	1.00	1,373	80	305-592	411
Kentucky	Lawrence	21127	I	IV	0.0052	5.20	420	2,184	1.00	2,184	80	305-592	411
Kentucky	Bell	21013	II	Deep	0.0040	4.02	361	1,451	1.00	1,451	160	32-225	64
Kentucky	Harlan	21095	II	Deep	0.0040	4.02	468	1,881	1.00	1,881	160	32-225	64
Kentucky	Breathitt	21025	II	Medium depth	0.0040	4.02	495	1,990	1.00	1,990	160	186-521	291
Kentucky	Carter	21043	II	Medium depth	0.0040	4.02	407	1,636	0.20	327	160	186-521	291
Kentucky	Clay	21051	II	Medium depth	0.0040	4.02	471	1,893	0.60	1,136	160	186-521	291
Kentucky	Elliott	21063	II	Medium depth	0.0040	4.02	234	941	0.65	611	160	186-521	291
Kentucky	Knox	21121	II	Medium depth	0.0040	4.02	388	1,560	0.40	624	160	186-521	291
Kentucky	Lee	21129	II	Medium depth	0.0040	4.02	211	848	0.30	254	160	186-521	291
Kentucky	Magoffin	21153	II	Medium depth	0.0040	4.02	310	1,246	1.00	1,246	160	186-521	291
Kentucky	Morgan	21175	II	Medium depth	0.0040	4.02	382	1,536	0.90	1,382	160	186-521	291
Kentucky	Owsley	21189	II	Medium depth	0.0040	4.02	198	796	0.50	398	160	186-521	291
Kentucky	Wolfe	21237	II	Medium depth	0.0040	4.02	223	896	0.70	628	160	186-521	291
West Virginia	Boone	54005	I	II	0.0099	9.87	503	4,965	0.40	1,986	80	446-703	554
West Virginia	Logan	54045	I	II	0.0099	9.87	456	4,501	0.70	3,151	80	446-703	554
West Virginia	Mingo	54059	I	II	0.0099	9.87	424	4,185	0.80	3,348	80	446-703	554
West Virginia	Kanawha	54039	I	V	0.0052	5.22	901	4,703	0.20	941	80	216-397	287
West Virginia	Putnam	54079	I	V	0.0052	5.22	346	1,806	1.00	1,806	80	216-397	287
West Virginia	Wood	54107	I	VI	0.0040	3.96	367	1,453	0.30	436	80	218-355	281
West Virginia	Cabell	54011	I	I	0.0037	3.70	282	1,043	0.85	887	80	309-324	321
West Virginia	Lincoln	54043	I	I	0.0037	3.70	439	1,624	1.00	1,624	80	309-324	321
West Virginia	Wayne	54099	I	I	0.0037	3.70	508	1,880	1.00	1,880	80	309-324	321
West Virginia	Jackson	54035	I	IV	0.0035	3.53	464	1,638	0.90	1,474	80	314-366	345
West Virginia	Mason	54053	I	IV	0.0035	3.53	433	1,528	0.60	917	80	314-366	345
Total										62,172			
										Approximately 60 Tcf			

* Target is the Upper and Lower Huron units and the Rhinestreet Shale Member, where present.