

**Table A1-2**  
**U.S. Geological Survey Estimated Undiscovered Technically Recoverable Resource Quantities**  
**Within Denver Basin Province and the Study Area**

	Estimated Undiscovered Denver Basin Province Resource Quantities at Probabilities of Occurrence of 95 and 5 Percent and for the Mean Case										Estimated Undiscovered Study Area Resource Quantities at Probabilities of Occurrence of 95 and 5 Percent and for the Mean Case <sup>1</sup>								
	Oil (MMBO)			Gas (BCFG)			NGL (MMBNGL)				% of Unit Lying Within Study Area	Oil (MMBO)			Gas (BCFG)			NGL (MMBNGL)	
Assessment Unit Name	95%	5%	Mean	95%	5%	Mean	95%	5%	Mean	95%		5%	Mean	95%	5%	Mean	95%	5%	Mean
Dakota Group and D Sandstones	12.37	68.79	36.27	14.18	90.80	45.43	0.91	6.75	3.49	10.10	1.25	6.95	3.66	1.43	9.17	4.59	0.09	0.68	0.35
Permian-Pennsylvanian Reservoirs	2.11	23.70	10.74	1.03	12.55	5.45	0.06	0.79	0.33	13.13	0.28	3.11	1.41	0.14	1.65	0.72	0.01	0.10	0.04
Niobrara Chalk				337.63	2,104.85	984.08				18.45				62.29	388.34	181.56			
<b>Total Undiscovered Resources</b>	<b>14.48</b>	<b>92.49</b>	<b>47.01</b>	<b>352.84</b>	<b>2,208.20</b>	<b>1,034.96</b>	<b>0.97</b>	<b>7.54</b>	<b>3.82</b>		<b>1.53</b>	<b>10.06</b>	<b>5.07</b>	<b>63.86</b>	<b>399.16</b>	<b>186.87</b>	<b>0.10</b>	<b>0.79</b>	<b>0.40</b>

MMBO = Million Barrels of Oil  
BCFG = Billion Cubic Feet of Gas  
NGL = Natural Gas Liquids  
MMBNGL = Million Barrels of Natural Gas Liquids

<sup>1</sup> Potential resource is assumed to be evenly distributed across each assessment area.