

2011 Utica Shale Production

Owner Name	County	Permit Number	Civil Township	Well Name/Well Number	Oil (Barrels)	Gas (MCF)	Brine (Barrels)	Days in Production *
Chesapeake Appalachia LLC	CARROLL	2207301	AUGUSTA	CALVIN MANGUN 8H	12,334	322,435	23,585	206 **
Chesapeake Appalachia LLC	CARROLL	2208101	CENTER	SHAW 20-14-5 5H	818	0	10,263	11 ***
Chesapeake Appalachia LLC	CARROLL	22085	CENTER	BURGETT 7-15-6 8H-RS	654	0	2,010	5 ***
Chesapeake Appalachia LLC	CARROLL	22074	EAST	BUCEY 3H	2,167	137,192	2,403	53
Chesapeake Appalachia LLC	CARROLL	2207601	WASHINGTON	HARVEY 8H	6,096	183,142	9,102	92
Chesapeake Appalachia LLC	CARROLL	22075	WASHINGTON	NEIDER 3H	9,444	395,290	9,519	130
Chesapeake Appalachia LLC	HARRISON	2105701	ARCHER	KENNETH BUELL 8H	13,472	1,523,465	8,937	198
Chesapeake Appalachia LLC	MAHONING	2313501	MILTON	GEATCHES MAH 3H	758	0	8,389	79 ***
Chesapeake Appalachia LLC	PORTAGE	2442001	SUFFIELD	HOSEY POR 6H-X	583	0	1,796	20 ***

* This number reflects the actual days in production and does not include any days of down-time.

** The first oil sale commenced on June 1 with commercial production starting July 24.

*** Oil was recovered and sold during completion/flowback in 2011. There was no commercial production in 2011.