

2011 Utica Shale Production

Owner Name	County	Permit Number	Civil Township	Well Name/Well Number	Oil (Barrels)	Gas (MCF)	Brine (Barrels)	Days in Production *	Approx Drain Area (acres)	Barrels of Oil per day	\$/day w/crude at \$104.35 /barrel	Barrels of Oil per day	\$/day w/crude at \$104.35 /barrel	MCF per day	\$/day w/NG at \$2.10 /MCF	MCF per day	\$/day w/NG at \$2.10 /MCF	Total \$/day	Total \$/day
Chesapeake Appalachia LLC	CARROLL	2207301	AUGUSTA	CALVIN MANGUN 8H	12,334	322,435	23,585	206 **	216	60	\$6,248	0.28	\$29	1,565	\$3,287	7.25	\$15	\$9,535	\$44
Chesapeake Appalachia LLC	CARROLL	2208101	CENTER	SHAW 20-14-5 5H	818	0	10,263	11 ***		74	****								
Chesapeake Appalachia LLC	CARROLL	22085	CENTER	BURGETT 7-15-6 8H-RS	654	0	2,010	5 ***		131	****								
Chesapeake Appalachia LLC	CARROLL	22074	EAST	BUCEY 3H	2,167	137,192	2,403	53	166	41	\$4,267	0.25	\$26	2,589	\$5,436	15.59	\$33	\$9,703	\$58
Chesapeake Appalachia LLC	CARROLL	2207601	WASHINGTON	HARVEY 8H	6,096	183,142	9,102	92	171	66	\$6,914	0.39	\$40	1,991	\$4,180	11.64	\$24	\$11,095	\$65
Chesapeake Appalachia LLC	CARROLL	22075	WASHINGTON	NEIDER 3H	9,444	395,290	9,519	130	176	73	\$7,581	0.41	\$43	3,041	\$6,385	17.28	\$36	\$13,966	\$79
Chesapeake Appalachia LLC	HARRISON	2105701	ARCHER	KENNETH BUELL 8H	13,472	1,523,465	8,937	198	177	68	\$7,100	0.38	\$40	7,694	\$16,158	43.47	\$91	\$23,258	\$131
Chesapeake Appalachia LLC	MAHONING	2313501	MILTON	GEATCHES MAH 3H	758	0	8,389	79 ***	83	10	\$1,001	0.12	\$12	0	\$0	0.00	\$0	\$1,001	\$12
Chesapeake Appalachia LLC	PORTAGE	2442001	SUFFIELD	HOSEY POR 6H-X	583	0	1,796	20 ***		29	****								

* 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.
**** Not enough days of production to do a fair extrapolation

Commodity Prices for 4/2/2012
Crude Oil \$104.35
Natural Gas \$2.10

NOTES:
- The column labeled Days of Production reflects the actual number of days a well produced. This does not indicate consecutive days of production.
- It is very unlikely that the wells are being produced at anything near full capacity. Wells produced at high initial rates have the potential of being permanently damaged.
- The reported volumes of brine are relatively low and will likely diminish over time.
- The reported volumes of oil are lower than estimated, but higher than conventional wells. Oil production may be incidental to gas production in much of the Utica play. Reported oil volumes likely include condensate volumes.
- Reported gas volumes likely include both "dry" and "wet" gas. Markets and pipeline capacity are somewhat limited so production is likely choked back. Once processing plants are up and running, the produced "wet" gas volumes will dramatically increase.
- Gas production is significant, even with the early production numbers. The Buell Well (832724 Kenneth Buell 8H) gas production equals 2 percent of the state's total gas production. Total gas production is based on production from about 49,000 conventional wells.