

Marcellus Region		Oil (bbl/d)			Natural gas (Mcf/d)		
Month	Rig count	Production per rig	Legacy production change	Total production	Production per rig	Legacy production change	Total production
Jan-07	48	7	40	8,775	438	(14,181)	1,144,746
Feb-07	48	7	21	8,703	447	(14,038)	1,156,053
Mar-07	45	7	3	11,065	456	(13,942)	1,162,467
Apr-07	45	7	(18)	9,389	467	(13,864)	1,178,954
May-07	46	7	(38)	9,637	477	(13,808)	1,203,095
Jun-07	48	7	(60)	10,696	487	(13,761)	1,216,366
Jul-07	44	7	(81)	9,885	498	(13,721)	1,222,602
Aug-07	52	7	(104)	10,557	509	(13,680)	1,231,373
Sep-07	51	7	(128)	10,431	520	(13,637)	1,272,981
Oct-07	50	7	(152)	10,739	531	(13,593)	1,278,356
Nov-07	49	7	(177)	10,746	542	(13,559)	1,298,336
Dec-07	55	7	(202)	11,166	553	(13,563)	1,294,204
Jan-08	50	7	(228)	12,062	564	(13,655)	1,290,574
Feb-08	49	7	(253)	12,439	575	(13,952)	1,316,657
Mar-08	42	7	(276)	14,113	586	(14,608)	1,323,365
Apr-08	44	7	(300)	13,477	598	(16,302)	1,335,789
May-08	45	7	(320)	12,989	614	(18,022)	1,343,879
Jun-08	47	7	(339)	13,088	632	(19,743)	1,379,293
Jul-08	48	7	(353)	12,692	650	(21,149)	1,399,535
Aug-08	53	7	(365)	13,078	668	(22,084)	1,418,130
Sep-08	57	7	(373)	13,416	692	(22,075)	1,419,532
Oct-08	57	6	(377)	13,482	722	(21,723)	1,474,837
Nov-08	55	6	(377)	13,377	756	(21,507)	1,491,710
Dec-08	54	6	(374)	14,128	781	(21,769)	1,489,146
Jan-09	47	6	(367)	8,934	820	(22,694)	1,373,734
Feb-09	49	6	(356)	9,789	847	(24,079)	1,421,183
Mar-09	49	6	(345)	9,896	868	(25,322)	1,445,929
Apr-09	52	5	(327)	10,135	890	(26,357)	1,477,271
May-09	52	5	(307)	9,952	916	(26,851)	1,493,417
Jun-09	60	5	(285)	10,517	938	(26,814)	1,528,071
Jul-09	66	5	(263)	10,536	965	(26,245)	1,508,314
Aug-09	72	5	(241)	11,296	995	(25,457)	1,796,980
Sep-09	75	5	(218)	11,247	1,044	(24,701)	1,812,471
Oct-09	79	5	(195)	11,272	1,083	(24,054)	1,785,565
Nov-09	84	5	(173)	11,300	1,136	(23,523)	1,799,689
Dec-09	85	5	(152)	12,985	1,202	(23,610)	1,754,468
Jan-10	92	5	(136)	12,964	1,261	(24,778)	1,784,368
Feb-10	92	5	(125)	13,038	1,321	(26,844)	1,954,187
Mar-10	94	4	(120)	13,636	1,375	(28,762)	2,014,506
Apr-10	100	4	(124)	14,132	1,435	(30,661)	2,148,612

May-10	101	4	(137)	14,529	1,485	(32,239)	2,235,068
Jun-10	108	4	(154)	15,593	1,550	(33,967)	2,417,434
Jul-10	111	4	(172)	14,395	1,633	(36,157)	2,533,531
Aug-10	112	4	(194)	14,342	1,707	(39,818)	2,642,503
Sep-10	114	4	(217)	14,889	1,795	(45,031)	2,893,100
Oct-10	123	4	(240)	15,234	1,896	(51,072)	3,132,932
Nov-10	123	4	(265)	15,682	1,985	(57,456)	3,282,668
Dec-10	125	4	(290)	15,466	2,054	(63,137)	3,326,588
Jan-11	122	4	(313)	14,968	2,139	(69,149)	3,598,583
Feb-11	129	4	(332)	15,344	2,222	(75,759)	3,949,922
Mar-11	120	4	(344)	15,864	2,294	(82,349)	4,002,543
Apr-11	120	4	(354)	15,954	2,370	(90,529)	4,347,983
May-11	128	4	(364)	16,375	2,443	(99,009)	4,452,292
Jun-11	131	4	(375)	16,053	2,520	(108,130)	4,702,405
Jul-11	135	4	(385)	14,816	2,598	(117,395)	4,705,222
Aug-11	134	4	(395)	15,698	2,687	(127,503)	4,838,218
Sep-11	135	5	(403)	16,162	2,769	(137,734)	5,322,987
Oct-11	141	5	(412)	16,029	2,883	(147,174)	5,459,281
Nov-11	137	6	(426)	16,979	2,997	(156,255)	6,022,880
Dec-11	138	6	(444)	17,808	3,125	(163,952)	6,116,692
Jan-12	141	7	(464)	16,474	3,277	(171,981)	6,274,657
Feb-12	138	8	(483)	17,292	3,447	(180,298)	6,694,071
Mar-12	129	8	(494)	18,140	3,613	(187,640)	6,557,338
Apr-12	122	9	(494)	18,081	3,794	(195,780)	7,053,600
May-12	115	10	(483)	17,734	3,979	(203,620)	7,274,994
Jun-12	106	11	(468)	19,393	4,186	(211,865)	7,548,050
Jul-12	104	12	(455)	16,373	4,375	(220,120)	7,691,540
Aug-12	96	13	(452)	18,213	4,658	(229,751)	7,937,212
Sep-12	91	14	(458)	19,839	4,918	(239,847)	8,288,446
Oct-12	92	15	(470)	22,680	5,174	(248,790)	8,465,726
Nov-12	94	16	(499)	24,256	5,444	(257,575)	9,131,387
Dec-12	96	17	(542)	25,938	5,717	(265,023)	9,027,502
Jan-13	96	18	(601)	21,695	6,000	(273,434)	9,240,851
Feb-13	91	19	(672)	23,674	6,281	(283,028)	10,108,128
Mar-13	92	20	(738)	27,001	6,514	(291,303)	9,672,141
Apr-13	84	21	(814)	27,671	6,742	(301,101)	10,436,844
May-13	82	22	(888)	31,346	6,988	(311,196)	10,653,752
Jun-13	77	23	(959)	36,216	7,167	(323,267)	11,288,252
Jul-13	79	24	(1,023)	37,184	7,255	(335,930)	11,156,971
Aug-13	88	26	(1,088)	38,171	7,451	(350,573)	11,317,657
Sep-13	88	27	(1,156)	37,315	7,528	(365,689)	11,988,216
Oct-13	88	29	(1,227)	36,576	7,679	(379,235)	12,121,205
Nov-13	89	31	(1,301)	40,910	7,796	(392,411)	13,068,512

Dec-13	89	32	(1,370)	43,540	7,913	(404,443)	13,084,628
Jan-14	89	34	(1,439)	37,106	8,035	(417,297)	12,978,525
Feb-14	82	35	(1,506)	38,509	8,115	(429,658)	14,246,334
Mar-14	78	36	(1,566)	39,383	8,162	(439,680)	13,343,481
Apr-14	83	37	(1,629)	39,178	8,200	(450,188)	13,908,080
May-14	85	39	(1,692)	40,503	8,230	(459,769)	13,746,596
Jun-14	83	40	(1,769)	42,014	8,258	(470,757)	14,423,454
Jul-14	81	41	(1,866)	43,635	8,285	(482,931)	14,209,888
Aug-14	80	42	(1,991)	45,155	8,314	(496,435)	14,594,780
Sep-14	85	43	(2,217)	46,455	8,345	(507,141)	15,382,082
Oct-14	88	45	(2,406)	47,639	8,378	(516,401)	15,339,260
Nov-14	87	46	(2,571)	48,987	8,413	(525,294)	15,531,158
Dec-14	85	47	(2,712)	50,423	8,448	(533,528)	15,739,331
Jan-15	78	49	(2,847)	51,790	8,483	(541,848)	15,933,388
Feb-15	71	50	(2,976)	53,070	8,517	(550,030)	16,109,417
Mar-15	68	51	(3,090)	53,988	8,545	(557,328)	16,222,052
Apr-15	71	52	(3,218)	54,506	8,575	(565,364)	16,267,661
May-15	67	54	(3,345)	54,812	8,602	(573,198)	16,279,377
Jun-15	66	55	(3,480)	55,236	8,627	(581,422)	16,310,486
Jul-15	62	56	(3,617)	55,374	8,650	(589,491)	16,298,817
Aug-15	55	57	(3,765)	55,402	8,672	(597,868)	16,273,286
Sep-15	51	59	(3,919)	55,134	8,692	(606,235)	16,207,678
Oct-15	46	60	(4,074)	54,339	8,709	(614,308)	16,070,214
Nov-15		61	(4,237)	53,218	8,726	(622,623)	15,892,630
Dec-15		62	(4,397)	51,685	8,741	(630,642)	15,664,075

Utica Region		Oil (bbl/d)			Natural gas (Mcf/d)		
Month	Rig count	Production per rig	Legacy production change	Total production	Production per rig	Legacy production change	Total production
Jan-07	8	6	(57)	8,960	139	(1,851)	153,389
Feb-07	8	6	(60)	9,021	144	(1,945)	153,990
Mar-07	8	6	(62)	9,063	149	(2,024)	155,423
Apr-07	7	6	(64)	9,160	154	(2,104)	156,747
May-07	8	6	(66)	9,160	159	(2,174)	156,747
Jun-07	8	6	(69)	9,160	164	(2,238)	156,747
Jul-07	8	6	(71)	9,183	168	(2,292)	157,315
Aug-07	9	6	(73)	9,227	173	(2,340)	158,880
Sep-07	8	6	(75)	9,237	178	(2,380)	160,275
Oct-07	8	6	(77)	9,348	182	(2,413)	161,475
Nov-07	8	6	(79)	9,361	187	(2,443)	161,990
Dec-07	7	6	(81)	9,439	191	(2,471)	163,371
Jan-08	6	6	(82)	9,474	195	(2,501)	163,864
Feb-08	7	6	(84)	9,491	199	(2,537)	164,440
Mar-08	8	6	(86)	9,178	203	(2,580)	158,928
Apr-08	7	6	(88)	9,268	207	(2,638)	160,096
May-08	8	6	(89)	9,319	211	(2,706)	160,984
Jun-08	7	6	(91)	9,275	214	(2,785)	162,078
Jul-08	6	6	(93)	9,248	218	(2,842)	162,669
Aug-08	6	6	(95)	9,295	222	(2,773)	163,926
Sep-08	5	6	(97)	9,343	225	(2,660)	165,135
Oct-08	5	6	(99)	9,424	229	(2,516)	167,682
Nov-08	5	6	(101)	9,432	230	(2,343)	168,626
Dec-08	5	6	(102)	9,449	231	(2,162)	170,759
Jan-09	4	6	(102)	8,936	231	(1,975)	171,335
Feb-09	4	6	(102)	8,967	230	(1,803)	171,648
Mar-09	4	6	(102)	8,926	229	(1,674)	156,299
Apr-09	4	6	(101)	8,894	226	(1,581)	156,935
May-09	3	6	(100)	8,826	223	(1,539)	157,891
Jun-09	5	6	(99)	8,755	219	(1,533)	158,039
Jul-09	5	6	(98)	8,737	214	(1,535)	158,803
Aug-09	4	6	(96)	8,724	208	(1,529)	159,349
Sep-09	3	6	(95)	8,682	202	(1,505)	160,588
Oct-09	4	6	(93)	8,669	196	(1,468)	161,174
Nov-09	6	6	(91)	8,633	190	(1,419)	161,546
Dec-09	6	6	(90)	8,629	185	(1,367)	161,758
Jan-10	6	6	(88)	8,273	179	(1,310)	152,203
Feb-10	5	6	(86)	8,300	175	(1,253)	152,856
Mar-10	4	6	(84)	8,263	173	(1,197)	153,277
Apr-10	5	6	(82)	8,220	172	(1,135)	153,608

May-10	4	6	(81)	8,157	173	(1,081)	154,242
Jun-10	4	6	(79)	8,068	175	(1,036)	154,231
Jul-10	4	6	(78)	8,052	178	(1,006)	154,899
Aug-10	5	6	(77)	8,024	182	(978)	155,241
Sep-10	5	6	(77)	8,078	186	(947)	155,813
Oct-10	6	6	(77)	8,111	189	(929)	155,942
Nov-10	5	6	(77)	8,105	192	(941)	155,943
Dec-10	6	6	(77)	8,101	194	(987)	156,080
Jan-11	6	6	(76)	8,017	195	(1,064)	149,674
Feb-11	6	6	(75)	8,103	197	(1,165)	150,997
Mar-11	5	6	(73)	8,076	199	(1,263)	151,503
Apr-11	6	6	(72)	8,117	203	(1,365)	151,678
May-11	6	6	(70)	8,043	208	(1,455)	151,606
Jun-11	9	6	(70)	8,023	214	(1,539)	159,200
Jul-11	8	6	(71)	8,089	222	(1,615)	161,000
Aug-11	8	6	(73)	8,150	231	(1,682)	163,774
Sep-11	8	6	(77)	8,232	242	(1,737)	165,404
Oct-11	10	6	(80)	8,234	252	(1,794)	167,057
Nov-11	10	6	(83)	8,216	263	(1,851)	167,079
Dec-11	13	6	(86)	8,281	274	(1,901)	167,098
Jan-12	13	6	(89)	8,066	286	(1,933)	148,895
Feb-12	14	6	(95)	8,225	300	(1,927)	150,163
Mar-12	9	6	(103)	8,328	317	(1,869)	151,003
Apr-12	11	6	(116)	8,413	341	(1,752)	154,824
May-12	16	6	(132)	8,401	369	(1,596)	155,092
Jun-12	20	6	(155)	8,590	404	(1,421)	167,795
Jul-12	18	6	(181)	8,993	444	(1,289)	174,529
Aug-12	17	6	(216)	9,439	492	(1,220)	184,493
Sep-12	18	6	(259)	10,376	548	(1,199)	195,027
Oct-12	23	6	(307)	10,587	611	(1,219)	195,743
Nov-12	25	6	(364)	11,317	681	(1,248)	201,896
Dec-12	26	6	(426)	12,381	753	(1,259)	212,053
Jan-13	28	6	(501)	10,325	834	(1,287)	205,693
Feb-13	27	6	(584)	11,006	921	(1,327)	224,809
Mar-13	26	7	(666)	12,183	1,004	(1,327)	236,043
Apr-13	28	9	(766)	12,823	1,105	(1,261)	273,735
May-13	30	11	(871)	13,082	1,212	(1,162)	287,946
Jun-13	31	14	(987)	16,127	1,332	(1,098)	326,941
Jul-13	31	18	(1,104)	19,114	1,458	(1,199)	465,146
Aug-13	32	22	(1,231)	21,898	1,594	(1,573)	513,778
Sep-13	32	27	(1,372)	24,116	1,737	(2,274)	548,627
Oct-13	32	32	(1,488)	20,674	1,876	(3,380)	548,425
Nov-13	33	38	(1,596)	23,257	2,018	(5,047)	595,596

Dec-13	34	45	(1,693)	24,395	2,153	(7,122)	674,547
Jan-14	35	52	(1,789)	26,333	2,291	(9,508)	806,876
Feb-14	39	60	(1,884)	28,415	2,427	(12,541)	847,186
Mar-14	39	67	(1,969)	30,963	2,550	(14,791)	919,523
Apr-14	36	75	(2,063)	31,741	2,685	(16,977)	1,010,236
May-14	37	82	(2,154)	34,412	2,835	(18,943)	1,068,597
Jun-14	40	89	(2,248)	35,714	3,005	(20,904)	1,181,900
Jul-14	43	96	(2,341)	33,524	3,177	(22,780)	1,426,980
Aug-14	42	105	(2,436)	40,296	3,360	(24,735)	1,554,117
Sep-14	42	114	(2,533)	42,626	3,545	(26,731)	1,660,288
Oct-14	42	124	(2,627)	45,236	3,726	(28,716)	1,782,299
Nov-14	44	134	(2,724)	48,115	3,914	(30,831)	1,905,907
Dec-14	46	144	(2,818)	51,345	4,096	(32,935)	2,035,528
Jan-15	45	154	(2,915)	55,209	4,283	(35,160)	2,080,034
Feb-15	37	164	(3,011)	59,748	4,470	(37,430)	2,248,228
Mar-15	31	173	(3,096)	64,480	4,638	(39,504)	2,418,374
Apr-15	26	183	(3,190)	68,118	4,824	(41,806)	2,556,263
May-15	24	193	(3,278)	70,731	5,004	(44,020)	2,664,851
Jun-15	20	204	(3,368)	72,603	5,189	(46,289)	2,752,189
Jul-15	19	214	(3,453)	74,238	5,370	(48,466)	2,831,526
Aug-15	19	225	(3,539)	75,190	5,557	(50,694)	2,891,981
Sep-15	19	236	(3,622)	76,138	5,747	(52,900)	2,950,563
Oct-15	20	246	(3,702)	77,180	5,931	(55,014)	3,009,725
Nov-15		258	(3,782)	78,168	6,124	(57,177)	3,065,843
Dec-15		269	(3,857)	79,636	6,313	(59,249)	3,131,581