

BASIN Digest

A Weekly Overview of Basin Activity June 25, 2020

The Basin Digest Weekly update presents the rig activity, product pricing, and permitting information.

The Basin Digest data comes from JKPC's [Appalachian Basin Database](#) covering OH, PA, WV, KY, and VA. The database is based on state reported data and Frac Focus data and includes all horizontal wells ranging from permitted status to producing. Formations in the database include Burkett (Geneseo), Marcellus, Utica, Lower Huron, Clinton and others.

Rig Activity Summary

The following table presents the average weekly horizontal rig count based on information from Baker Hughes and Rig Data.

STATE	WEEK 1	WEEK 2	WEEK 3	WEEK 4
OH	9	9	9	-
PA	20	22	22	-
WV	8	6	5	-
VA	0	0	0	-
KY	0	0	0	-
NY	0	0	0	-
TOTAL	37	37	36	-

Product Pricing Summary

The following table presents the closing weekly prices based on various public data sources (ERGON/DIRECT ENERGY/ICE).

PRODUCT	WEEK 1	WEEK 2	WEEK 3	WEEK 4
Oil – Crude Tier I	38.55	35.26	38.75	-
Marcellus-Utica Med	38.55	35.26	39.75	-
Marcellus-Utica Light	29.55	26.26	29.75	-
Marcellus-Utica Cond	18.55	15.26	18.75	-
Natural Gas HH	1.78	1.73	1.67	-
Natural Gas DTI	1.37	1.34	1.30	-
Natural Gas TCO	1.52	1.47	1.43	-

*Pennsylvania new permits include 5 Renewed and 4 Modified permits in Week3.

OH – EAP Harrison Co. 3, Ascent Harrison Co. 4

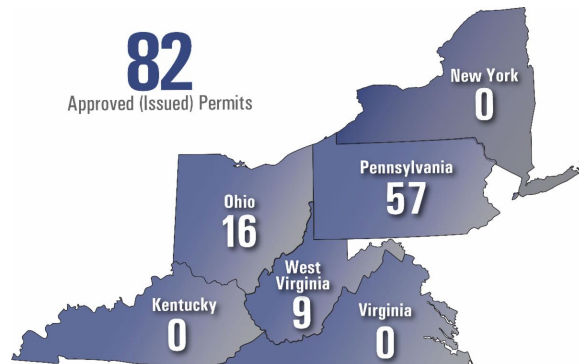
PA – Pennenergy Beaver Co. 2, Exco Lycoming Co. 1, PGE McKean Co. 2, CHK Susquehanna Co. – 1 Wyoming Co. 2, Cabot Susquehanna Co. 1, Range Resources Washington Co. 7

WV – EQT Wetzel County – 1

Permitting Summary by State

The following table presents the approved (issued) permits by week based on various state public data sources (ODNR/PADEP/WVDEP). The Virginia, Kentucky, and New York data is not up to date although there has been little recent horizontal activity in those states.

STATE	WEEK 1	WEEK 2	WEEK 3	WEEK 4	TOTAL
OH	0	9	7	-	16
PA*	28	10	16	-	57
WV	8	0	1	-	9
KY	-	-	-	-	-
VA	-	-	-	-	-
NY	-	-	-	-	-
TOTAL	36	19	27	-	82



County Highlight - Belmont County, Ohio

Current Well Count by Township by Development Status

NO	TOWNSHIP	PERM	SPUD	DRLD	COMP	COMP	SI	TOTAL
1	RICHLAND	1	13	11	8	39	1	73
2	GOSHEN		1			66	2	69
3	SMITH	1	7			57		65
4	WASHINGTON	2	2		1	52	1	58
5	YORK	4	5			48		57
6	SOMERSET		1			51		52
7	MEAD	4	1			42		47
8	WHEELING	2	9			36		47
9	COLERAIN		3		6	25		34
10	PEASE				7	22		29
11	KIRKWOOD					26	1	27
12	WAYNE	5				21		26
13	UNION					21		21
14	WARREN	3				12	2	17
15	PULTNEY	5	1	1		8		15
16	FLUSHING	4				5		9
	TOTAL	31	43	12	22	531	7	646

Current Well Count by Current Operator by Development Status

NO	TOWNSHIP	PERM	SPUD	DRLD	COMP	COMP	SI	TOTAL
1	GULFPORT	9	4	1	7	226		247
2	ASCENT	5	19	2	12	120	1	159
3	RICE	1	12	9		127		149
4	XTO ENERGY	9	2		2	54	1	68
5	GULFPORT	3	6		1			10
6	ECLIPSE					4	4	8
7	CHESAPEAKE	4						4
8	ANTERO						1	1
	TOTAL	31	43	12	22	531	7	646

- **Current Producing Well Count by Formation:** Utica 530, Marcellus 1
- **Average Producing Well Lateral Length:** MIN 2,664', MAX 18,375', AVG 8,636'
- **531 Well Total Lateral Length:** 4,585,646'

531 Well Production Summary

Producing Wells By Year

YEAR	GAS (MCF)	OIL (BBL)
2012	20,663	1,730
2013	12,365,453	22,181
2014	95,251,254	154,524
2015	270,254,462	257,616
2016	492,747,361	224,336
2017	779,407,697	66,753
2018	955,061,244	39,093
2019	953,341,242	717,601
TOTAL	3,558,449,376	1,483,834



YEAR	PROD
2012	3
2013	16
2014	58
2015	78
2016	106
2017	109
2018	90
2019	71
2020	-
TOTAL	531

- **50 Year EUR Range BCF Per 1,000'**: 0.32 – 3.52
- **First Producing Well**: Gulfport/Shugert 01H/API 34-013-20657-0100/Last Comp Date - 07/27/2012/TTL- 4,950'/ Stages – 16
- **Longest Producing Lateral**: Rice/Smashosaurus/API 34-013-21121-0000/Last Comp Date - 05/18/2018/TTL – 13,273'/ Stages - 83

JKPC Inc. Petroleum Consulting Services Highlight



Reserve Reports

JKPC provides reserve analysis based on production forecasts to estimate volumes anticipated to be commercially, economically and technically recoverable from producing and undeveloped wells. Throughout the years, oil and gas professionals have relied on JKPC for their reserve reporting needs. [read more](#)



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