



Welcome to the Basin Digest, keeping you up to date on horizontal well activity in the Appalachian Basin. This week's Basin Digest provides:

- The last week of February's rig activity, product pricing, and permitting.
- A 2022 monthly summary of rig activity, product pricing, and permitting.
- A summary of all wells in the Appalachian Basin by state, county, and operator.

The Basin Digest well information is derived from JKPC's proprietary Appalachian Basin Horizontal Well Database. The database, based on state-reported and Frac Focus data, includes all horizontal wells from permitted to producing status. Formations in the database include Burkett (Geneseo), Marcellus, Utica, Lower Huron, Clinton, and others.

Call us at 740-373-9522 about our Database Subscriptions and/or Oil and Gas Consulting Services.

## Weekly Overview of Basin Activity February 21 - 27, 2022

### Rig Activity Summary

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	10	12	13	11
PA	27	25	23	24
WV	16	16	14	13
VA	0	0	0	0
KY	0	0	0	0
NY	0	0	0	0
<b>TOTAL</b>	<b>53</b>	<b>53</b>	<b>50</b>	<b>48</b>

### Product Pricing Summary

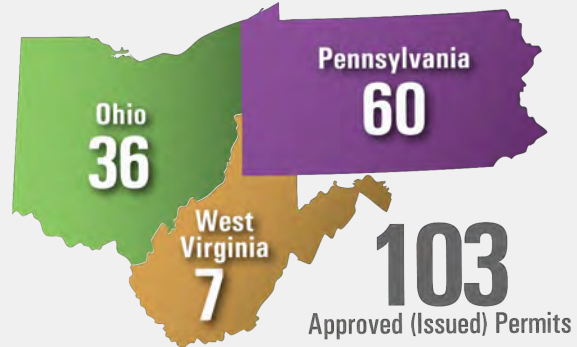
The table below presents the closing weekly prices based on various public data sources (ERGON/DIRECT ENERGY/ICE).

PRODUCT	WEEK 1	WEEK 2	WEEK 3	WEEK 4	Diff +/-
Oil - Crude Tier I	91.310	92.100	90.070	90.590	+0.520
Marcellus-Utica Med	91.310	92.100	90.070	90.590	+0.520
Marcellus-Utica Light	82.310	83.100	81.070	81.590	+0.520
Marcellus-Utica Cond	77.310	78.100	76.070	76.590	+0.520
Natural Gas HH	4.572	3.941	4.431	4.470	+0.039
Natural Gas DTI	4.012	3.316	3.764	3.708	-0.056
Natural Gas TCO	4.137	3.441	3.886	3.825	-0.061
NGL - Y Grade	44.561	43.987	44.251	44.711	+0.460

## Permitting Summary by State

The table below presents the approved (issued) permits by week based on various state public data sources (ODNR/PADEP/WVDEP).

STATE	WEEK 1	WEEK 2	WEEK 3	WEEK 4	TOTAL
OH	7	18	9	2	36
PA	13	26	17	4	60
WV	1	4	2	0	7
<b>TOTAL</b>	<b>21</b>	<b>48</b>	<b>28</b>	<b>6</b>	<b>103</b>



The Virginia, Kentucky, and New York data is not up to date although there has been little recent horizontal activity in those states.

The table (below) presents a breakout of the approved (issued) permits for the week from February 21 - 27, 2022

STATE	OPERATOR	NEW	MODIFIED	RENEWED	TOTAL
OH	Ascent	Harrison - 2	-	-	2
PA	Pennenergy	Beaver - 1	-	-	1
PA	Range Resources	Lycoming - 1	-	-	1
PA	Repsol	Susquehanna - 2	-	-	2
<b>TOTAL</b>		<b>6</b>	<b>-</b>	<b>-</b>	<b>6</b>

## Basin Reservoir Summary

RESERVOIR	OH	PA	WV	TOTAL
Marcellus	43	9,979	3,196	13,218
Utica	2,786	333	84	3,203
Burkett	-	223	30	253
<b>TOTAL</b>	<b>2,829</b>	<b>10,535</b>	<b>3,310</b>	<b>16,674</b>

The Basin Reservoir Summary presents information regarding Marcellus, Utica, and Burkett horizontal producing wells. The data is from the JKPC Inc. Appalachian Basin Unconventional Horizontal Well Database.

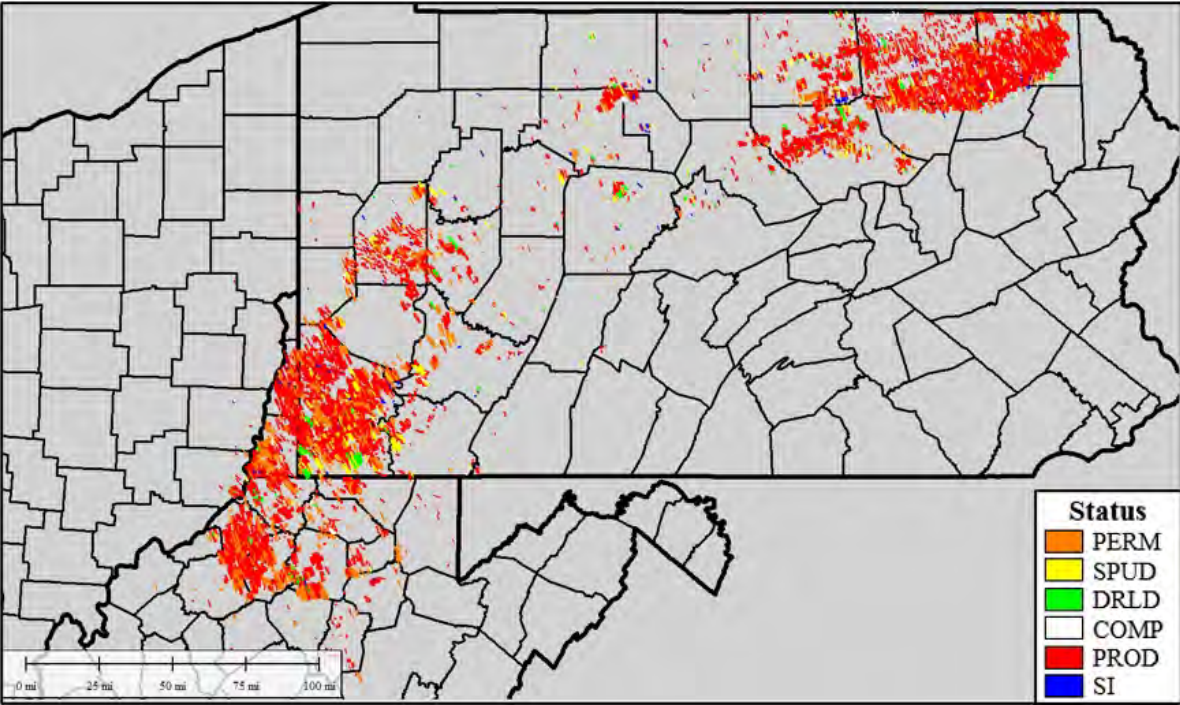
### Producing Marcellus Wells by Operator by State

OPERATOR	OH	PA	WV	TOTAL
EQT	-	1,430	641	2,071
Range Resources	-	1,408	-	1,408
SWN	26	742	528	1,296
Antero	-	-	1,071	1,071
Chesapeake	-	1,018	-	1,018
Coferra	-	902	-	902
Seneca	-	766	-	766
Repsol	-	614	-	614
Rice	-	499	-	499
CNX	1	390	66	457
Others (67)	16	2,210	890	3,116
<b>TOTAL</b>	<b>43</b>	<b>9,979</b>	<b>3,196</b>	<b>13,218</b>

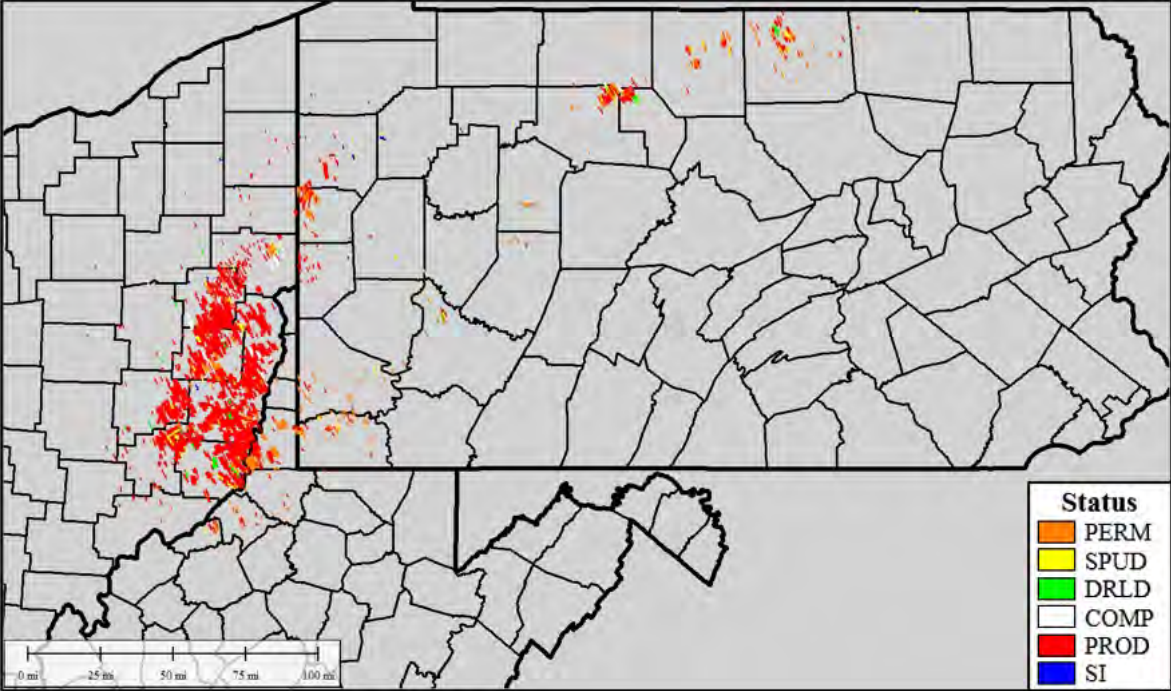
### Producing Utica Wells by Operator by State

OPERATOR	OH	PA	WV	TOTAL
Encino	861	-	-	861
Ascent	653	-	-	653
Gulfport	405	-	-	405
Antero	224	-	1	225
SWN	180	2	3	185
Rice	143	1	-	144
Seneca	-	122	-	122
Hilcorp	23	92	-	115
CNX	45	18	5	68
XTO Energy	57	3	-	60
Others (21)	195	95	75	365
<b>TOTAL</b>	<b>2,786</b>	<b>333</b>	<b>84</b>	<b>3,203</b>

Producing Marcellus Wells Map by Operator



Producing Utica Wells Map by Operator





### Permit Summary By County By State

COUNTY	OH	PA	WV	TOTAL
Susquehanna	-	25	-	25
Lycoming	-	14	-	14
Columbiana	10	-	-	10
Belmont	8	-	-	8
Harrison	6	-	-	6
Tioga	-	4	-	4
Wetzel	-	-	4	4
Jefferson	4	-	-	4
Carroll	4	-	-	4
Guernsey	4	-	-	4
Westmoreland	-	3	-	3
Allegheny	-	3	-	3
Greene	-	3	-	3
Washington	-	2	-	2
Bradford	-	2	-	2
Wyoming	-	2	-	2
Doddridge	-	-	1	1
Beaver	-	1	-	1
Brooke	-	-	1	1
Marshall	-	-	1	1
Armstrong	-	1	-	1
<b>TOTAL</b>	<b>36</b>	<b>60</b>	<b>7</b>	<b>103</b>

### JKPC Appalachian Basin Horizontal Well Database Summary

The following table presents the total wells (all formations) by state by well development status.  
 While KY, NY, and VA are excluded from the Appalachian Digest due to nominal current horizontal activity,  
 JKPC does include these states in the Horizontal Well Database.

STATUS	OH	PA	WV	VA	KY	TOTAL
PERM	217	1,993	1,392	-	546	4,148
SPUD	130	994	12	-	2	1,138
DRLD	37	242	38	-	76	393
COMP	87	153	74	-	14	328
PROD	2,830	10,540	3,708	104	1,220	18,402
SI	48	227	57	25	43	400
<b>TOTAL</b>	<b>3,349</b>	<b>14,149</b>	<b>5,281</b>	<b>129</b>	<b>1,901</b>	<b>24,809</b>

Sign Up to Receive Basin Digest



### View Basin Digest Past Issues

Keep informed about horizontal activity in the Appalachian Basin. [View Past Issues](#)



*Within your heart you can make plans for your future,  
but the Lord chooses the steps you take to get there. Proverbs 16:9*

**JKPC, Inc.** | [jkpcinc.com](http://jkpcinc.com) | Phone: (740) 373-9522

Proudly Serving the Appalachian Basin since 1988

Follow us on Facebook and Instagram

