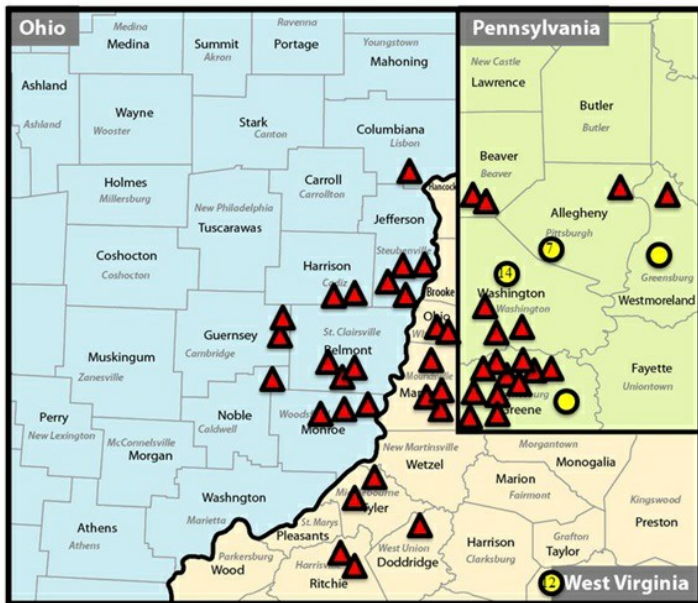


Update on the latest gas drilling rigs & permitting activity in the Appalachian Basin



Tuesday, October 30, 2018



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- Permits Issued
- ▲ Rig Location

Ohio

update on the latest gas drilling rigs permitting activity in the appalachian basin

17 rigs operating (16 in Utica Shale, 1 in other)

Rig Counties:	Belmont (3), Columbiana (1), Guernsey (2), Harrison (2), Huron (1), Jefferson (4), Monroe (3), Noble (1)
Rig Operators:	Ascent Resources – Utica, LLC (7), Blue Ridge Mountain Resources, Inc. (1), Chesapeake Exploration LLC (2), Eclipse Resources (2), Franklin Gas & Oil Co (1), EQT Production Co. (1), Statoil USA Onshore Properties, Inc. (1), Utica Resources, Inc. (1), XTO Energy, Inc. (1)
Permits Issued*:	0 total

West Virginia

11 rigs operating (8 in the Marcellus Shale, 3 in the Utica Shale)

Rig Counties:	Doddridge (1), Tyler (2), Marshall (4), Ritchie (2), Ohio (2)
Rig Operators:	Antero Resources Corporation (4), HG Energy (1), Jay-Bee Oil & Gas Inc (1), SWN Production Company LLC (2), Tug Hill Operating, LLC (3)
Permits Issued*:	12 total: <ul style="list-style-type: none"> • Tug Hill Operating, LLC (11) • CNX Gas Company, LLC (1)

Pennsylvania

37 rigs operating (31 in Marcellus Shale, 6 in Utica Shale)

Rig Counties:	Allegheny (1), Beaver (2), Bradford (2), Cameron (1), Elk (1), Greene (11), Lycoming (1), Potter (2), Sullivan (1), Susquehanna (7), Tioga (3), Westmoreland (1), Washington (3), Wyoming (1)
Rig Operators:	ARD Operating LLC (1), Cabot Oil & Gas Corp (5), Chesapeake Appalachia LLC (2), Chevron Appalachia LLC (2), Chief Oil & Gas LLC (1), CNX Gas Company LLC (4), EQT Production Co. (9), Greylock Production LLC (1), JKLM Energy LLC (1), Penn Energy Resources LLC (1), Range Resources – Appalachia (3), Resol Oil & Gas USA LLC (1), Seneca Resources Corp (3), SWN Production Company LLC (2), XTO Energy, Inc. (1)
Permits Issued*:	54 total: <ul style="list-style-type: none"> • Apex Energy (PA) LLC (1; Westmoreland) • Cabot Oil & Gas Corp. (13; all in Susquehanna) • CNX Gas Co. LLC (5; all in Allegheny) • EQT Production Co. (2; 1 in Allegheny, 1 in Greene) • Huntley & Huntley Energy Exploration LLC (1; Allegheny) • Inflection Energy (PA) LLC (4; Lycoming) • Range Resources Appalachia LLC (14; all in Washington) • Repsol Oil & Gas USA LLC (4; all in Tioga) • Snyder Bros. Inc. (2; both in Armstrong)

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	<ul style="list-style-type: none">• SWN Production Co. LLC (8; all in Tioga)
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***for the week ending 10/27/2018**