

west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, S.E. Charleston, WV 25304 (304) 926-0450 fax: (304) 926-0452

Harold D. Ward, Cabinet Secretary www.dep.wv.gov

Monday, October 27, 2025 WELL WORK PERMIT Horizontal 6A / New Drill

EQT PRODUCTION COMPANY 2200 ENERGY DRIVE

CANONSBURG, PA 15317

Re:

Permit approval for Fracslap 5H

47-103-03770-00-00

This well work permit is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to any additional specific conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas Inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days of completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0450.

A. Jason Harmon Acting Chief

Operator's Well Number: Fracslap 5H
Farm Name: Edward M & Kathleen A Baldauf & Jeffrey R & Julieanna M &

U.S. WELL NUMBER: 47-103-03770-00-00

Horizontal 6A New Drill Date Issued: 10/27/2025

API Number: **47-103-03770**

PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

CONDITIONS

- 1. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
- 2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
- 3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
- 4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
- 5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
- 6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
- 7. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Also, 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
- 8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
- 9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
- 10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.
- 11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

47 10 30 37 70 API NO. 47-103 - 03170
OPERATOR WELL NO. 5H
Well Pad Name: Fracslap

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS WELL WORK PERMIT APPLICATION

ompany	306686	Wetzel /	Church	Hundred
	Operator ID	County	District	Quadrangle
	Well Pad	Name: Fracs	lap	
auf, Jeffrey & Julieanr	Public Road	d Access: WV	-7	
ouilt) Ele	evation, proposed p	post-constructi	on: 1427'	(built)
-	Deep			
(s), Antici	pated Thickness ar	nd Expected Pr	ressure(s):	
4' /				
/larcellus	/			
3,201'				
)				
oths:	1,156', 1,163' -			
epths: O	ffset wells - 103-3	30382, 103-30	006, 103-3	30696, 103-30559
79', 1,985	', 3,357'			
5'-820', 1	,049'-1,052', 1,15	56'-1,163'		
(coal min	ne, karst, other): N	I/A	- Maria	
coal seam e mine?	Yes	No	X	
			Office of C	oil and Gas
			SEP 2	5 2025
V				
			Environmer	ntal Protection
	ouilt) Electric State of State	Operator ID Well Pade Multiple State of the	Operator ID County Well Pad Name: Fraces Would, Jeffrey & Julieanna Baidauf Public Road Access: WV Duilt) Elevation, proposed post-construction Oil Deep X Deep X Deep Adv Anticipated Thickness and Expected Prace of the service	Operator ID County District Well Pad Name: Fracslap Public Road Access: WV-7 Oil Underground Storage

API NO. 47-7	0	3	0	3	7	J. Contraction of the contractio	0
OPERATOR W	5H						
Well Pad Nan	ne:_	Fracsl	ар				_

18)

CASING AND TUBING PROGRAM

TYPE		New				73 1755-1-1		
	Size (in)	or Used	Grade	Weight per ft. (lb/ft)	FOOTAGE: For Drilling (ft)	Left in Wo		CEMENT: Fill-up (Cu. Ft.)/CTS
Conductor	26	New	A252	85.6	53	53	1	45 ft^3 / CTS
Fresh Water	13 3/8	New	J-55	54.5	1213	1213	1	1100 ft^3 / CTS
Coal						500000000000000000000000000000000000000	1	
Intermediate	9 5/8	New	J-55	36	2790	2790		1050 ft^3 / CTS
Production	5 1/2	New	P-110	20	8201	8201	1	500' above intermediate casing
Tubing								
Liners								

TYPE		Wallbana	Wall	D D	Anticipated		Cement
is .	Size (in)	Wellbore Diameter (in)	Thickness (in)	Burst Pressure (psi)	Max. Internal Pressure (psi)	<u>Cement</u> <u>Type</u>	Yield (cu. ft./k)
Conductor	26	30	0.312	1000	18	Class A/L	1.04 - 1.20
Fresh Water	13 3/8	17 1/2	0.380	2730	2184	Class A/L	1.04 - 1.20
Coal							1.20
Intermediate	9 5/8	12 3/8	0.352	3520	2816	Class A/L	1.04 - 1.20
Production	5 1/2	8 1/2	0.361	14360	11488	Class A/H/L	1.04 - 2.10
Tubing							1.01 2.10
Liners							

PACKERS

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API NO. 47-	Consumer of the last	0	3	0	3	7	7	0
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OPERATOR WELL NO. 5H
Well Pad Name: Fracslap

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Drill and complete a new horizontal well in the Marcellus Formation. Drill the vertical, kick off and drill curve. Drill the lateral in the Marcellus. Cement casing.

SEP 25 2025

A Jepartment of Environmental Protection

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

Hydraulic fracturing is completed in accordance with state regulations using water recycled from previously fractured wells and obtained from freshwater sources. This water is mixed with sand and a small percentage (less than 0.1%) of chemicals (including 15% Hydrochloric acid, friction reducer, biocide, and scale inhibitor), referred to in the industry as a "slickwater" completion. Maximum anticipated internal casing pressure is expected to be approximately 10,000 psi, maximum anticipated treating rates are expected to average approximately 100 bpm. Stage lengths vary from 150 to 300 feet. Average approximately 350,000 gallons of water per stage. Sand sizes vary from 100 mesh to 20/40 mesh. Average approximately 200,000-600,000 pounds of proppant per stage.

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 35.58 acres
- 22) Area to be disturbed for well pad only, less access road (acres): 29.17 acres
- 23) Describe centralizer placement for each casing string:
- Surface: Bow spring centralizers One centralizer at the shoe and one spaced every 500'.
- Intermediate: Bow spring centralizers— One centralizer at the shoe and one spaced every 500'.
- Production: One solid body centralizer spaced every other joint from production casing shoe to landing point. One solid body centralizer spaced every joint from landing point to planned top of cement.

24) Describe all cement additives associated with each cement type:

Conductor: No additives

Surface: Calcium Chloride. Used to speed the setting of cement slurries Intermediate: Calcium Chloride. Used to speed the setting of cement slurries.

Production: Calcium Carbonate, Fluid Loss, Extender, Dispersent, Viscosifier, Defoamer, POZ, Bonding Agent, Retarder,

Anti-Settling/Suspension Agent

25) Proposed borehole conditioning procedures:

Surface: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at surface.

Intermediate: Circulate hole clean while rotating & reciprocating the drill string until cuttings diminish at surface.

Production: Perform a cleanup cycle by pumping 3-8 bottoms up or until the shakers are clean. Check volume of cuttings coming across the shakers every 15 minutes.

1

^{*}Note: Attach additional sheets as needed.

WEST VIRGINIA GEOLOGICAL PROGNOSIS

FracSlap Tophole Permit FracSlap

S-001223

Marcellus

Wetzel

Elevation:

County:

Drilling Objectives:

Recommended Azimuth

1440 KB 335 Degrees

1427 GL

ESTIMATED FORMATION TO	OPS Derived From:	4710302767	4710302580			
<u>Formation</u>	Top (TVD)	Base (TVD)	Lithology	Comments	Top RR Base	- DD
Fresh Water Zone	1	1163		FW @ 1156,1163,	1	e RR
Waynesburg Coal	815	820 Coa		Solid Coal	430	460
Sewickley Coal	1049	1052 Coa		Solid Coal	1283	1301
Pittsburgh Coal	1156	1163 Coa		Solid Coal	1296	1296
Big Lime	2487	2617 Lim		SW @ 1979,1985,3357,	1460	1505
Big Injun	2617	2740 Sano		3 W (W 1979,1983,3337,	1535	1570
Int. csg pt	2790	27.10 Sun			1546	1546
Weir	2867	2887 Sanc	Istone	Natara	2202	2212 Base of
Gordon	3312	3373 Silts		Not near storage		Red Rock

Int. csg pt	2790	
Weir	2867	2887 Sandstone Not near storage
Gordon	3312	3373 Silty Sand
Fifty Foot	3405	3425 Silty Sand
Bayard	3544	3630 Silty Sand Base of Offset Well Perforations at 3357' TVD
Alexander	6032	6061 Silty Sand
Elks	6464	7272 Gray Shales and Silts
Sonyea	7272	7430 Gray shale
Middlesex	7430	7473 Shale
Genesee	7473	7555 Gray shale interbedded with black shale
Geneseo	7555	7586 Black Shale
Tully	7586	7609 Limestone
Hamilton	7609	7718 Gray shale with some calcareous shales
Marcellus	7718	7770 Black Shale
Purcell	7735	7737 Limestone
-Lateral Zone	7744	Start Lateral at 7744'
Cherry Valley	7750	7752 Limestone
Onondaga	7770	Limestone

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Target Thickness	52 feet	
Max Anticipated Rock Pressure	2620 PSI	

Comments:

Intermediate casing point is recommended beneath the Big Injun to shut off any water production from the Upper Devonian sands. Intermediate casing should be cemented into the surface string, per WV regulations.

LATERAL DRILLING TOLERANCES

Mapview - Lateral:

Deviate as little as possible to the left or right of the planned wellbore.

Mapview - TD:

DO NOT EXTEND beyond recommended wellbore to avoid leaseline

RECOMMENDED CASI	NG POINTS			from rig KB	from ground level	EW MEEDS LIDDATED WITH FOT GAARDI ING DRIOD TO DE
Fresh Water/Coal	CSG OD	13 3/8	CSG DEPTH:	1213	1200	FW NEEDS UPDATED WITH EQT SAMPLING PRIOR TO DR 50' Below the Pittsburgh Coal
Intermediate 1:	CSG OD	9 5/8	CSG DEPTH:	2790	2777	50' Below the Big Injun
Production:	CSG OD	5 1/2	CSG DEPTH:	@ TD	@ TD	30 Below the Big injun

4710303771

EQT Production Wellbore Diagram Well: Fracslap 5H County: Wetzel Pad: Fracslap State: West Virginia Elevation: 1427' GL 1440' KB Conductor @ 53' 26", 85.6#, A252, cement to surface w/ Class A/L Surface 1,213' @ 13-3/8", 54.5#, J-55, cement to surface w/ Class A/L Intermediate 2,790' @ 9-5/8", 36#, J-55, cement to surface w/ Class A/L RECEIVED Office of Oil and Gas SEP 25 2025 We usuanment of Environmental Protection Production @ 8,201' MD / 7,744' TVD 5-1/2", 20#, P-110, cement to 500' inside 9-5/8" w/ Class A/H/L Formation: Marcellus Digitally signed by Stepher

A TIONS GALE

Stephen Mccoy Date: 2025.08.15 08:38:15



EQT PRODUCTION COMPANY 2200 Energy Drive | Canonsburg, PA 15317

September 18, 2025

Mr. Taylor Brewer West Virginia Department of Environmental Protection Office of Oil and Gas 601 57th Street SE Charleston, WV 25304

Re: Casing on Fracslap 5H

Dear Mr. Brewer,

The 13-3/8" surface casing will be set at 1,213' KB, 50' below the deepest workable coal seam.

The 9-5/8" intermediate string will be set at 2,790' KB, 50' below the base of the Big Injun formation.

If you have any questions, please do not hesitate to contact me at 724-250-0180 or OPishioneri@eqt.com.

Sincerely,

Olivia Wilson

Project Specialist - Permitting

Enc.

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Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax

Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary dep.wv.gov

March 18, 2014

Nabors Completion & Production Services Company 1380 Route 286 Hwy E #121 Indiana PA 15701

Re: Cement Variance Request

Dear Sir or Madam,

This agency is approving a variance request for the cement blend listed below to be used on surface and coal protection strings for the drilling of oil and gas wells in the state of West Virginia. The variance cannot be used without requesting its use on a permit application and approval by this agency:

Type 1 (2% Calcium Chloride-Accelerator, 0.25% Super Flake-Lost Circulation, 5.2% Water, 94% Type "1" Cement)

If you have any questions regarding this matter feel free to contact me at 304-926-0499, ext. 1653.

Sincerely

James Peterson

Environmental Resources Specialist / Permitting

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SEP 25 2025

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Environmental Protection



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Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 (304) 926-0450 (304) 926-0452 fax

Earl Ray Tomblin, Governor Randy C. Huffman, Cabinet Secretary dep.wv.gov

BEFORE THE OFFICE OF OIL AND GAS DEPARTMENT OF ENVIRONMENTAL PROTECTION STATE OF WEST VIRGINIA

IN THE MATTER OF A VARIANCE FROM)	ORDER NO.	2014 - 17
REGULATION 35 CSR § 4-11.4/11.5/14.1)		
AND 35 CSR § 8-9.2.h. 4/5/6/8 OF THE)		
THE OPERATIONAL	í		
REGULATIONS OF CEMENTING OIL)		
AND GAS WELLS)		

REPORT OF THE OFFICE

Nabors Completion & Production Services Co. requests approval of a different cement blend for use in cementing surface and coal protection casing of oil and gas wells.

FINDINGS OF FACT

- 1.) Nabors Completion & Production Services Co. proposes the following cement blend:
 - 2% Calcium Chloride (Accelerator)
 - 0.25 % Super Flake (Lost Circulation)
 - 94% Type "1" Cement
 - 5.20 % Water
- Laboratory testing results indicate that the blend listed in Fact No.1 will achieve a 500
 psi compressive strength within 6 hours and a 2,435 psi compressive strength within 24
 hours

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WV Department of Environmental Protection

CONCLUSIONS OF LAW

Pursuant to Articles 6 and 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter embraced in said notice, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to 35 CSR § 4-11.5 and 35 CSR § 8-9.2.h.8 the Chief of the Office of Oil and Gas may approve different cement blends upon the well operator providing satisfactory proof that different cement types are adequate.

ORDER

It is ordered that Nabors Completion & Production Services Co. may use the cement blend listed in Findings of Fact No.1 for the cementing of surface and coal protection casing of oil and gas wells in the State as may be requested by oil and gas operators. The waiting time on the cement blend shall be 8 hours. The cement blend shall be mixed in strict accordance with the specifications for each blend and weight measurements made on-site to assure the cement slurries meet the minimum weight specifications. A sample shall be collected and, if after 8 hours the cement is not set up, additional time will be required. Nabors Completion & Production Services Co. shall keep a record of cement blend jobs in which the cement blend approved under this order is to be used and made available to the Office of Oil and Gas upon request.

Dated this, the 18th day of March, 2014.

IN THE NAME OF THE STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS DEPARTMENT OF ENVIRONMENTAL PROTECTION OF THE STATE OF WEST VIRGINIA

James Martin, Chief Office of Oil and Gas

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Wv Department of Environmental Protection



EQT PRODUCTION COMPANY
2200 Energy Drive | Canonsburg, PA 15317

September 18, 2025

Mr. Taylor Brewer West Virginia Department of Environmental Protection Office of Oil and Gas 601 57th Street SE Charleston, WV 25304

Re: Class L Cement Variance Request

Fracslap 5H Well

Church District, Wetzel County

Dear Mr. Brewer,

EQT Production Company (EQT) has been notified by our cement providers that they will no longer be providing Class A cement. As a result of this, EQT is requesting the option to utilize Class L cement, if necessary, in place of Class A cement for its cement jobs.

The variance request from Legislative Rule 35CSR8, Section 9.2.h.8, related to the use of Class L Cement, was approved by the Office of Oil and Gas on September 13, 2022. A copy of the variance is included with this request.

If you have any questions, please do not hesitate to contact me at 724-250-0180 or OPishioneri@eqt.com.

Sincerely.

Olivia Wilson

Enc.

Project Specialist - Permitting

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west virginia department of environmental protection

Office of Oil and Gas 601 57th Street, SE Charleston, WV 25304 Phone (304) 926-0450

Harold D. Ward, Cabinet Secretary dep.wv.gov

BEFORE THE OFFICE OF OIL AND GAS DEPARTMENT OF ENVIRONMENTAL PROTECTION STATE OF WEST VIRGINIA

IN THE MATTER OF A VARIANCE FROM)		
LEGISLATIVE RULE 35CSR4	1	ORDER NO.	2022-14
SECTION 11.5 AND LEGISLATIVE RULE	í		2022 14
35CSR8 SECTION 9.2.h.8.,	í		
RELATING TO THE CEMENTING	í		
OF OIL AND GAS WELLS)		

REPORT OF THE OFFICE

In response to industry requests, the West Virginia Department of Environmental Protection, Office of Oil and Gas has reviewed the proposed use of American Petroleum Institute (API) Class L cement to be used in place of API Class A cement for well construction.

Office of Oil and Gas

SEP 2.5 2025

FINDINGS OF FACT

- 1. On July 14, 2022, Northeast Natural Energy (NNE) submitted a variance request from the Projection Legislative Rule 35CSR8 Section 9.2.h.8., for the use of API Class L cement in place of API Class A cement, relating to the construction of horizontal wells.
- 2. Laboratory analysis submitted by NNE on July 14, 2022, indicates API Class L cement is comparable to API Class A cement and thereby satisfies the requirements of the West Virginia Code.
- 3. Contemporaneously, the Chief of the Office of Oil and Gas also chose to consider a variance to Legislative Rule 35CSR4 Section 11.5., for the use of API Class L cement in place of API Class A cement, relating to the construction of vertical wells.

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 On August 18, 2022, the Office of Oil and Gas provided public notice of acceptance of public comments on the variance consideration. During the 20-day public comment period, no comments were received.

CONCLUSIONS OF LAW

Pursuant to Article 6 and Article 6A, Chapter 22 of the Code of West Virginia, the Office of Oil and Gas has jurisdiction over the subject matter, and the persons interested therein, and jurisdiction to promulgate the hereinafter prescribed Order.

Pursuant to Legislative Rule 35CSR4, Section 18 and Legislative Rule 35CSR8, Section 14, the Chief of the Office of Oil and Gas may grant a variance from any requirement of these rules.

ORDER

It is ordered that the Class L cement product approved and monogramed by API is approved for use in place of API Class A cement for well construction subject to the provisions of Legislative Rule 35CSR4 and Legislative Rule 35CSR8.

Dated this, the 13th day of September, 2022.

IN THE NAME OF THE STATE OF WEST VIRGINIA

OFFICE OF OIL AND GAS DEPARTMENT OF ENVIRONMENTAL PROTECTION OF THE STATE OF WEST VIRGINIA

James Martin, Chief Office of Oil and Gas

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API Number 47 -	_
Operator's Well No.	FracSlap 5H

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OFFICE OF OIL AND GAS

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name EQT Production Company OP Code 306686	
Watershed (HUC 10) West Virginia Fork Fish Creek Quadrangle Hundred	
	✓ No □
Will a pit be used? Yes No	
If so, please describe anticipated pit waste: N/A	
Will a synthetic liner be used in the pit? Yes No If so, what ml.? N/A	
Proposed Disposal Method For Treated Pit Wastes:	
Land Application	
Underground Injection (UIC Permit Number 0014, 8462, 4037 Reuse (at API Number Various	
Off Site Disposal (Supply form WW-9 for disposal location))
Other (Explain	
Will closed loop system be used? If so, describe: Yes, The closed loop system will remove drill cuttings from the drilling then prepared for transportation to an off-site disposal facility.	ng fluid. The drill cuttings are
Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. See	e Attached
-If oil based, what type? Synthetic, petroleum, etc. Synthetic Mud	
Additives to be used in drilling medium? See Attached	
Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etcLandfill	
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) N/A	
-Landfill or offsite name/permit number? See Attached List	
Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the perwhere it was properly disposed.	iated waste rejected at any mittee shall also disclose
I certify that I understand and agree to the terms and conditions of the GENERAL WATER Is on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Proprovisions of the permit are enforceable by law. Violations of any term or condition of the general plaw or regulation can lead to enforcement action. I certify under penalty of law that I have personally examined and am familiar with the imapplication form and all attachments thereto and that, based on my inquiry of those individuals obtaining the information, I believe that the information is true, accurate, and complete. I am away penalties for submitting false information, including the possibility of fine or imprisonment.	otection. I understand that the permit and/or other applicable information submitted on this immediately responsible for
Company Official (Typed Name) Branden Weimer	SEP 2 5 2025
Company Official Title Regional Manager - Permitting	w\ Department of
	Environmental Protection
Subscribed and sworn before me this 24th day of Sept., 2025	
Notary Public	Commonwealth of Pennsylvania - Notary Seal
My commission expires Oct 25, 2027	Olivia Wilson, Notary Public Algebary County My commission expires october 25, 2027 Commission number 1359968
	Member, Pennsylvania Association of Notaries

Operator's Well No. FracSlap 5H

EQT Production C	ompany		
Proposed Revegetation Trea	atment: Acres Disturbed	Prevegetation pI	H
	Tons/acre or to corre		
Fertilizer type Gra	anular 10-20-20	+	
Fertilizer amount	500	lbs/acre	
Mulch 2		_Tons/acre	
		Seed Mixtures	
T	emporary	Perma	nent
Seed Type KY-31	lbs/acre	Seed Type	lbs/acre
Alsike Clover		Orchard Grass	15
RUI JUST WUSS SYCEROOD	5	Alsike Clover	5
Annual Rye	15		
Photocopied section of invol		tally signed by Stephen Mccoy e: 2025.08.15 08:36:13 -04'00'	
Comments: Pre-seed/	mulch all disturbe	ed areas as soon as reasona	ıbly possible,
per regulation. U	ograde E&S as ne	ecessary per WV DEP E&S	Manual.
			RECEIVED Office of Oil and Ga
			SEP 25 2025
			WV Department of Environmental Protection
citle:		Date:	
ield Reviewed? (_) Yes () No	



EMERGENCY RESPONSE PLAN (ERP)

(SITE SAFETY AND ENVIRONMENTAL PLAN)

FracSlap Well Pad

Church Wetzel County, WV

New Wells: 1H, 3H, 5H, 7H, 9H, 11H, 13H & 15H

Prepared By: <u>Donny Prater, CSP, Health and Safety Sciences, LLC</u>
Approved By: <u>Scott M. Held, CSP, Senior EHS Coordinator</u>

Created Date: 7-Dec-23

Digitally signed by Stephen

Stephen Mccoy Date: 2025.08.15 09:06:24

Olivia Wilson

Project Specialist - Permitting

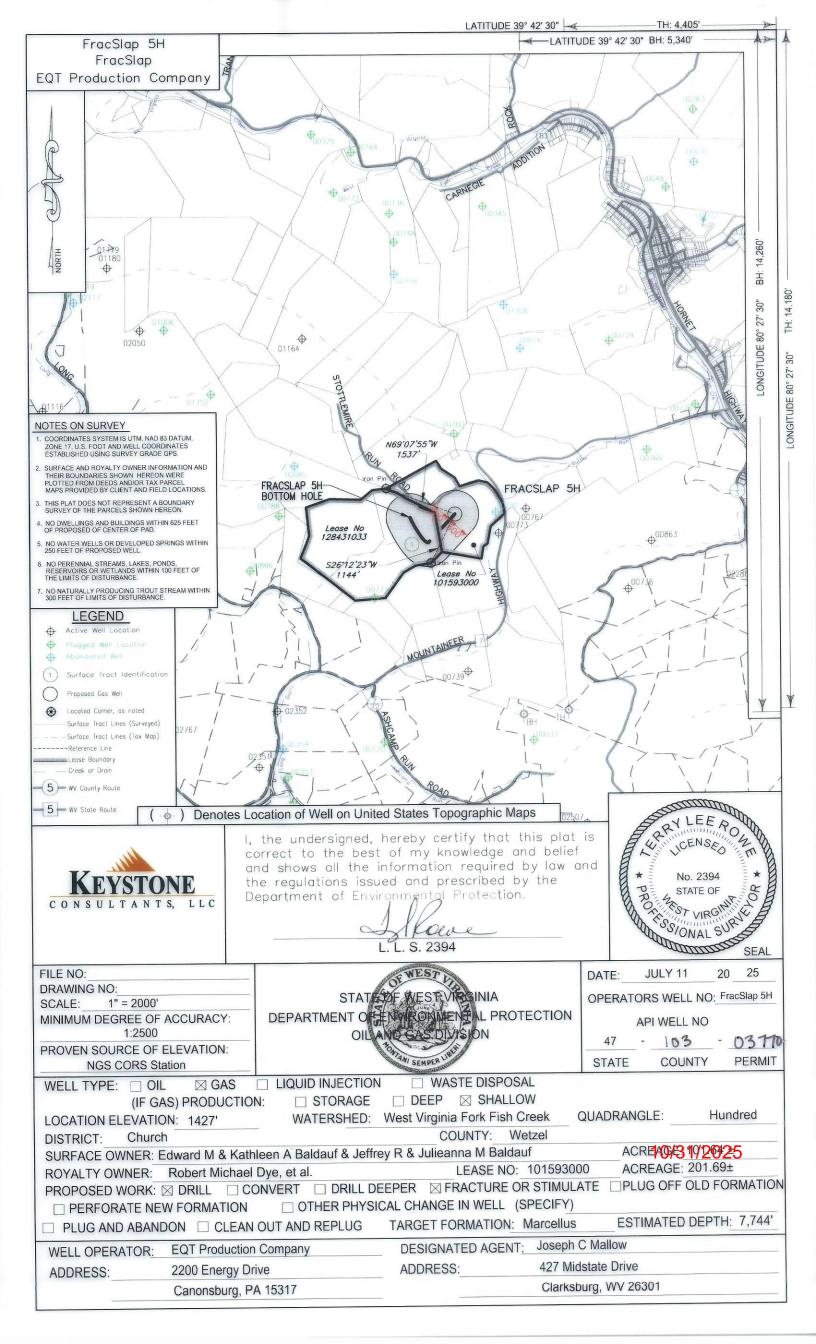
EQT Production Company

Stephen McCoy
Oil and Gas Inspector

WVDEP Office of Oil and Gas

RECORD OF R		The second secon				
Revision #	<u>Date</u>	<u>Change/s</u>				
1	12/10/2020	Plan total revision and reformat.				
	- A Tomas - A To					
	5355t (400-1-					
	-					
an Administrator:		Approver:				
ott M. Held, CSP enior EHS Coordinate	nr.	Michael Lauderbaugh Vice President of EHS				

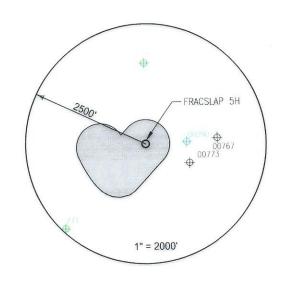
Topo Quad: Hundred Scale: 1"=1000' County: Wetzel Date: December 6, 2023 Church District: __ Project N0: _ FRACSLAP WELL PAD Water 3 Potential Water Sources Within 2500' Site 3 W Site 1 Burne Road hraver Site 2 Office of foil a Thomas Chapel **LEGEND** FRACSLAP WATER Water Well 427.384.945 E: 1,725,845.447 -Creek or Drain WGS 84 Lat: 39.669421 Long: -80.473727 -WV County Route -- WV State Route Elevation: 1,427' Prepared For: Keystone Consultants, LLC **EQT Production Company** 32 East Main Street 400 Woodcliff Drive Carnegie, PA 15106 Canonsburg, PA 15317 CONSULTANTS, EQT PRODUCTION COMPANY 400 WOODCLIFF DRIVE CANONSBURG, PA 15317 412 278-2100

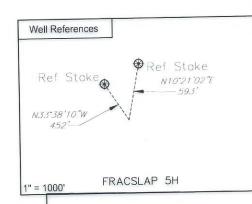


FracSlap 5H FracSlap

EQT Production Company

Tract ID.	Tax Map No.	Parcel No.	County	District	Surface Tract Owner	Acres
1	6	9.0	Wetzel	Church	Edward M & Kathleen A Baldauf &	
Lease			<u> </u>	Owr	ner A	cres
		Robert Michael Dye, et al.		1 69 ac		
128431033 Darren Fer		rrell, et al. 11	1.3 ac			





Notes:

FRACSLAP 5H coordinates are

NAD 27 N: 427,378.010 E: 1,725,772.038

NAD 27 Lat: 39.669316 Long: -80.474184

NAD 83 UTM N: 4,391,197.042 E: 545,116.188

FRACSLAP 5H Bottom Hole coordinates are

NAD 27 N: 427,309.591 E: 1,724,836.778

NAD 27 Lat: 39.669101 Long: -80.477504

NAD 83 UTM N: 4,391,171.442 E: 544,831.598

West Virginia Coordinates system of 1927 (North Zone) based upon Differential GPS Measurements Plat orientation, Corner and well ties are based upon the grid north meridian Well location references are based upon the grid north meridian.

UTM coordinates are NAD83, Zone 17, Meters.



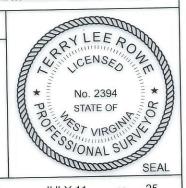
O FRACSLAP 31H 103-03640

FRACSLAP PAD

FRACSLAP 1H O
FRACSLAP 3H O
FRACSLAP 5H O
FRACSLAP 7H O
FRACSLAP 11H O
FRACSLAP 13H O
FRACSLAP 13H O
FRACSLAP 15H O

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the Department of Environmental Protection.

L. L. S. 2394



FILE NO:		OF WEST L		DATE:	JULY 11	20 25
DRAWING NO:	STAT	DE WEST VIRGINIA		OPERATOR	RS WELL NO:	FracSlap 5H
SCALE: 1" = 1000'			OTECTION	OI LIVII OI	_	
MINIMUM DEGREE OF ACCURACY:		ENTRONMENEAL PR	OTECTION		API WELL NO	
1:2500	OIL	AND GAS DIVISION		47	- 103	- 03710
PROVEN SOURCE OF ELEVATION: NGS CORS Station		ONTANI SEMPER LIBER		STATE	COUNTY	PERMIT
WELL TYPE: OIL SAS	LIQUID INJECTION	☐ WASTE DISPO	SAL			
(IF GAS) PRODUCTION:	STORAGE	☐ DEEP ☐ SHAL				
LOCATION ELEVATION: 1427'	WATERSHED: W	est Virginia Fork Fish C	reek QUAD	RANGLE:	Hundred	
DISTRICT: Church		COUNTY: W	etzel			
SURFACE OWNER: Edward M & Kath	nleen A Baldauf & Jeffr	ey R & Julieanna M Ba	dauf	A	CR40431/2	025
		LEASE NO		00 AC	CREAGE: 201	.69±
	ONVERT DRILL DI			TE P	LUG OFF OLD	FORMATION
THOI GOLD WOTHER 2		CAL CHANGE IN WELL				
☐ PERFORATE NEW FORMATION				s ES	STIMATED DEF	PTH: 7,744'
☐ PLUG AND ABANDON ☐ CLEAN	OUT AND REPLUG	TARGET FORMATION				
WELL OPERATOR: EQT Production	Company	DESIGNATED AGEN	NT: Joseph	C. Mallov	N	
0000 5		ADDRESS:	427 Mi	dstate Driv	/e	
7,851,1261		_	Clarks	burg, WV 2	26301	
Canonsburg, P	'A 15317	_	Olarito	22.3,		

INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE Chapter 22, Article 6A, Section 5(a)(5) IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that -

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

Lease Name or Number

Grantor, Lessor, etc.

Grantee, Lessee, etc.

Royalty

Book/Page

See Attached

Acknowledgement of Possible Permitting/Approval In Addition to the Office of Oil and Gas

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following: RECEIVED

WV Division of Water and Waste Management

WV Division of Natural Resources WV Division of Highways

U.S. Army Corps of Engineers U.S. Fish and Wildlife Service

County Floodplain Coordinator

SEP 2 5 2025

Office of Oil and Gas

WV Department of Environmental Protection

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: EQT Production Company

By:

Branden Weimer

Its:

Regional Manager - Permitting

Page 1 of 2

FracSlap 5H

Lease No.	Grantor, Lessor, etc.	Acres	Grantee, Lessee, etc.	Royalty	Book/Page
/ 101593000	Robert Michael Dye, et al. Robert Michael Dye, a married man dealing in his sole and separate property Antero Resources Corporation Antero Resources Corporation	201.69 ac	Antero Resources Corporation EQT Production Company EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 199A/661 OG 231A/59 OG 281A/280
<u> 128431033</u>	<u>Darren Ferrell, et al.</u> Darren Ferrell	111.3 ac	EQT Production Company	"at least 1/8th per WV Code 22-6-8"	OG 345A/280

Office of Oil and Gas SEP 2 5 2025

Mi pepartnen o Environmental Protection



EQT PRODUCTION COMPANY
2200 Energy Drive | Canonsburg, PA 15317

September 18, 2025

Mr. Taylor Brewer West Virginia Department of Environmental Protection Office of Oil and Gas 601 57th Street SE Charleston, WV 25304

Re:

Fracslap 5H Gas Well

Church District, Wetzel County, WV

Dear Mr. Brewer,

EQT Production Company is applying for a new well work permit for the well referenced above. Upon information and belief, the Operator's lease and/or other real property rights permit it to conduct drilling operations for the subject well in the location shown on the plat, including under any public roads that the well lateral crosses.

Sincerely,

Olivia Wilson

Project Specialist - Permitting

RECEIVED
Office of Oil and Gav

SEP 2 5 2025

WV Department of Environmental Protection WW-PN (11-18-2015)

Horizontal Natural Gas Well Work Permit Application Notice By Publication

Notice is hereby given:

Pursuant to West Virginia Code 22-6A-10(e) prior to filing an applia	notion for a manual for the state of the state of
Pursuant to West Virginia Code 22-6A-10(e) prior to filing an applic	ation for a permit for a norizontal well the applicant
shall publish in the county in which the well is located or is proposed	to be located a Class II legal advertisement

Paper:	Wetzel Chro	onicle					
Public	Notice Date	e: <u>8/6/2025, 8/1</u>	3/2025	(
Surrace	lowing appl excluding p ty day peric	oipeiines, gather	apply for a ring lines ar	a horizontal na nd roads or uti	ntural well wor lizes more than	k permit which disturbs three acres or more n two hundred ten thousand gallons of water	o:
Applica	int: EQT Pro	oduction Company	/		Well Nun	nber: FracSlap 5H	
Addres	s: 2200 En	ergy Drive					
	Canonsbu	rg, PA 15317					20
Busines	s Conducto	ed: Natural ga	s production	n.			-
Locatio	n –						
	State:	West Virginia	1		County:	Wetzel	
	District:	Church	/		Quadrangle:	Hundred -	
	UTM Coo	rdinate NAD83	Northing:	4391197.042	/		
		dinate NAD83	_	545116.188	/		
	Watershed	l: West Virginia I	Fork Fish Cree	ek /			

Coordinate Conversion:

To convert the coordinates above into longitude and latitude, visit: http://tagis.dep.wv.gov/convert/llutm_conus.php

Electronic notification:

To receive an email when applications have been received or issued by the Office of Oil and Gas, visit http://www.dep.wv.gov/insidedep/Pages/DEPMailingLists.aspx to sign up.

Reviewing Applications:

Copies of the proposed permit application may be reviewed at the WV Department of Environmental Protection 025 headquarters, located at 601 57th Street, SE Charleston, WV 25304 (304-926-0450). Full copies or scans of the proposed permit application will cost \$15, whether mailed or obtained at DEP headquarters. Copies may be requested by calling the office or by sending an email to DEP.comments@wv.gov.

Submitting Comments:

Comments may be submitted online at https://apps.dep.wv.gov/oog/comments/comments.cfm, or by letter to Permit Review, Office of Oil and Gas, 601 57th Street, SE Charleston, WV 25304. Please reference the county, well number, and operator when using this option.

Regardless of format for comment submissions, they must be received no later than thirty days after the permit application is received by the Office of Oil and Gas.

For information related to horizontal drilling visit: www.dep.wv.gov/oil-and-gas/pages/default.aspx

RECEIVED
Office of Oil and Gas

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE CERTIFICATION

		NOTICE CENTIFICATION		
Date of Noti	ce Certification: 9124125	API No. 47- Operator's V	Well No. 5H	
NI-4" I		Well Pad Na	ame: FracSla	ap
Notice has	been given:			
Pursuant to the	he provisions in West Virginia Code	§ 22-6A, the Operator has provided the requ	aired parties	with the Notice Forms listed
ociow for the	tract of failu as follows.			
State:	West Virginia	UTM NAD 83 Easting:	545116.188	
County:	Wetzel	Northing:	4391197.042	
District:	Church	Public Road Access:	WV-7	
Quadrangle:	Hundred	Generally used farm name:	FracSlap	
Watershed:	West Virginia Fork Fish Creek			
of giving the requirements Virginia Codo of this article	surface owner notice of entry to su of subsection (b), section sixteen of e § 22-6A-11(b), the applicant shall that been completed by the applicant		uirement was n of this arti ne surface ov nat the notice	deemed satisfied as a result cle six-a; or (iii) the notice
that the Ope	rator has properly served the require	perator has attached proof to this Notice Cer	rtification	
	ECK ALL THAT APPLY	The state of the s		OOG OFFICE USE ONLY
☐ 1. NOT	TICE OF SEISMIC ACTIVITY or	NOTICE NOT REQUIRED BECAUS SEISMIC ACTIVITY WAS CONDUCTED	SE NO ED	RECEIVED/ NOT REQUIRED
☐ 2. NOT	TICE OF ENTRY FOR PLAT SURV	YEY or NO PLAT SURVEY WAS CON	NDUCTED	☐ RECEIVED
■ 3. NOT	TICE OF INTENT TO DRILL or	NOTICE NOT REQUIRED BECAUS NOTICE OF ENTRY FOR PLAT SURVE WAS CONDUCTED or		RECEIVED/ NOT REQUIRED
		☐ WRITTEN WAIVER BY SURFACE (PLEASE ATTACH)	E OWNER	RECEIVED Office of Oil and Gas
■ 4. NOT	TICE OF PLANNED OPERATION			RECEIVED
■ 5. PUB	LIC NOTICE			SEP 2 5 2025

Required Attachments:

■ 6. NOTICE OF APPLICATION

The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

WV Department of

LE-REGEWED Protection

Certification of Notice is hereby given:

THEREFORE, I Branden Weimer, have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Well Operator:

EQT Production Company

By:

Branden Weimer

Its:

Regional Manager - Permitting

Telephone:

412-997-7940

Address:

400 Woodcliff Drive

Canonsburg, PA 15317

Facsimile:

412-395-2974

Email:

branden.weimer@egt.com

NOTARY SEAL

Commonwealth of Pennsylvania - Notary Seal Olivia Wilson, Notary Public Allegheny County My commission expires October 25, 2027 Commission number 1359968

Member, Pennsylvania Association of Notaries

Subscribed and sworn before me this

7.

My Commission Expires

Notary Public

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

RECEIVED
Office of Oil and Gas

SEP 2 5 2025

WV Department of Environmental Protection WW-6A (9-13)

API NO 477 4 - 7 7 7 7 0 OPERATOR WELL NO. 5H 3 7 7 0 Well Pad Name: FracSlap

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF APPLICATION

Notice Time Requirement: notice shall be provided no later than the filing date of permit application. Date of Notice: 9/19/2025 Date Permit Application Filed: 42445 Notice of: PERMIT FOR ANY ☐ CERTIFICATE OF APPROVAL FOR THE WELL WORK CONSTRUCTION OF AN IMPOUNDMENT OR PIT Delivery method pursuant to West Virginia Code § 22-6A-10(b) PERSONAL REGISTERED ☑ METHOD OF DELIVERY THAT REQUIRES A SERVICE MAIL RECEIPT OR SIGNATURE CONFIRMATION Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule. ☐ Application Notice ☐ WSSP Notice ☐ E&S Plan Notice ☐ Well Plat Notice is hereby provided to: Office of Oil and Gas ☑ SURFACE OWNER(s) COAL OWNER OR LESSEE SEP 2 5 2025 Name: See Attached List Name: See Attached List Address: Address: ______ WV Department of Environmental Protection Name: COAL OPERATOR Address: Name: Address: SURFACE OWNER(s) (Road and/or Other Disturbance) Name: See Attached List ☐ SURFACE OWNER OF WATER WELL Address: AND/OR WATER PURVEYOR(s) Name: Name: Address: Address: ☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD ☐ SURFACE OWNER(s) (Impoundments or Pits) Name: Address: Address: *Please attach additional forms if necessary

WW-6A (8-13)

API NO. 47-7 1 0 3 0 3 7 7 0
OPERATOR WELL NO. 5H 3 7 7 0
Well Pad Name: FracSlap

Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

This Notice Shall Include:

Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Well Location Restrictions

Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

10/31/2025

Well Pad Name: FracSlap

examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

Water Well Testing:

Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

Water Testing Laboratories:

Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

Written Comment:

Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at: Office of Oil and Gas

Chief, Office of Oil and Gas Department of Environmental Protection 601 57th St. SE Charleston, WV 25304 (304) 926-0450

SEP 2 5 2025

my department of Environmental Protection

Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.

WW-6A (8-13) API NO. 47- 10-303770

OPERATOR WELL NO. 5H

Well Pad Name: FracSlap

Time Limits and Methods for Filing Comments.

The law requires these materials to be served on or before the date the operator files its Application. You have THIRTY (30) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

Comment Requirements

Your comments must be in writing and include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Disclaimer: All comments received will be placed on our web site http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

Permit Denial or Condition

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

- (1) The proposed well work will constitute a hazard to the safety of persons;
- (2) The plan for soil erosion and sediment control is not adequate or effective;
- (3) Damage would occur to publicly owned lands or resources; or
- (4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Office of Oil and Gas

SEP 2 5 2025

Environmental Protection

WW-6A (8-13)

Well Pad Name: FracSlap

Notice is hereby given by:

Well Operator: EQT Production Company

Telephone: 412-997-7940

Email: branden.weimer@eqt.com

Address: 2200 Energy Drive

Canonsburg, PA 15317

Facsimile: 412-395-2974

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

Commonwealth of Pennsylvania - Notary Seal Olivia Wilson, Notary Public **Allegheny County** My commission expires October 25, 2027 Commission number 1359968

Member, Pennsylvania Association of Notaries

Subscribed and sworn before me this

My Commission Expires

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SEP 2 5 2025

WV Department of Environmental Protection WW-6A4 (1/12)

Operator Well No. Fracslap 5H

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

Delivery method pursuant to West Virginia Code § 22-6A-16(b) HAND DELIVERY RETURN RECEIPT REQUESTED Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose drilling a horizontal well: Provided, That notice given pursuant to subsection (a), section ten of this article satisfies the requirement of this subsection as of the date the notice was provided to the surface owner: Provided, however, That the notice requirements of the subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.					
DELIVERY RETURN RECEIPT REQUESTED Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose drilling a horizontal well: <i>Provided</i> , That notice given pursuant to subsection (a), section ten of this article satisfies the requirement of this subsection as of the date the notice was provided to the surface owner: <i>Provided</i> , <i>however</i> , That the notice requirements of the subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.					
drilling a horizontal well: <i>Provided</i> , That notice given pursuant to subsection (a), section ten of this article satisfies the requirement of this subsection as of the date the notice was provided to the surface owner: <i>Provided</i> , <i>however</i> , That the notice requirements of the subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone numb and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.					
Notice is hereby provided to the SURFACE OWNER(s): Name: See attached list Name:					
Name.					
Address: Address:					
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows: State: West Virginia West Virginia Fork Fish Creek West Virginia Fork Fish Creek West Virginia Fork Fish Creek					
This Notice Shall Include: Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57 th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx .					
Notice is hereby given by: Well Operator: EQT Production Company Authorized Representative: Olivia Wilson					
Address: 2200 Francisco Address:					
Address: 2200 Energy Drive Address: 2200 Energy Drive					
Address: 2200 Energy Drive Address: 2200 Energy Drive Canonsburg, PA 15317 Telephone: 724 250 0190 Tale 1					
Address: 2200 Energy Drive Address: 2200 Energy Drive Canonsburg, PA 15317 Canonsburg, PA 15317 Telephone: 724-250-0180 Telephone: 724-250-0180					
Address: 2200 Energy Drive Address: 2200 Energy Drive Canonsburg, PA 15317 Telephone: 724 250 0190 Tale 1					

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at deepprivacyofficer@wv.gov.

4710303770Operator Well No. FracSlap 5H

STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF PLANNED OPERATION

Notice T Date of N	ime R Notice:	equirement: notice shall be provided to 19/19/2025 Date Perm	led no l tit Ap p	ater than the filing olication Filed: 09/	date of permit	application.
Delivery	metho	od pursuant to West Virginia Co	de § 22	-6A-16(c)		
		ED MAIL I RECEIPT REQUESTED		HAND DELIVERY		
the plann required t drilling o damages	to be post to the cotices	equested or hand delivery, give the eration. The notice required by the rovided by subsection (b), section rizontal well; and (3) A proposed surface affected by oil and gas ope	surface his sub- ten of t surface rations	e owner whose lan- section shall inclu- his article to a surf e use and compen- to the extent the d	d will be used for de: (1) A copy ace owner whose sation agreement amages are com-	cation, an operator shall, by certified mail or the drilling of a horizontal well notice of of this code section; (2) The information se land will be used in conjunction with the at containing an offer of compensation for pensable under article six-b of this chapter. Sted in the records of the sheriff at the time
Notice is (at the add Name: See	dress 1	y provided to the SURFACE OV isted in the records of the sheriff at	NER(ne of notice):		SEP 2 5 2025
				Addres	s:	WV Department of Environmental Protection
Notice is Pursuant to operation State: County: District: Quadrang Watershee	on the		tice is h	drilling a horizonta UTM NAD 8 Public Road	Il well on the tra Easting: Northing:	well operator has developed a planned ct of land as follows: 545116.188 4391197.042 WV-7 FracSlap
Pursuant to be pro- horizontal surface af information	to West vided I well; ffected on relaters, lo	by W. Va. Code § 22-6A-10(b) to and (3) A proposed surface use and by oil and gas operations to the otted to horizontal drilling may be exacted at 601 57 th Street, SE,	o a sur id comp extent t	face owner whose pensation agreeme he damages are co	e land will be unt containing an ompensable und	code section; (2) The information required used in conjunction with the drilling of a offer of compensation for damages to the er article six-b of this chapter. Additional Department of Environmental Protection or by visiting

Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at deprivacyofficer@wv.gov.



WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Michael J. DeMers

Michael J. DeMers

Charleston, West Virginia 25305-0440 • (304) 558-0444

Deputy Secretary of Transportation

Stephen T. Rumbaugh, P.E. Secretary of Transportation Commissioner of Highways

September 16, 2025

James A. Martin, Chief Office of Oil and Gas Department of Environmental Protection 601 57th Street, SE Charleston, WV 25304

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Office of Oil and Gas

SEP 2 5 2025

WV Department of

Environmental Protection

Subject: DOH Permit for the Fracslap Well Pad, Wetzel County

Fracslap 1H Well Site Fracslap 3H Well Site Fracslap 5H Well Site Fracslap 7H Well Site Fracslap 9H Well Site Fracslap 11H Well Site

Fracslap 13H Well Site Fracslap 15H Well Site

Dear Mr. Martin,

This well site will be accessed from a DOH permit #06-2023-0011 which has been issued to EQT Production Company for access to the State Road for a well site located off Wetzel County Route WV 7 MP 32.30.

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a STATEWIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated March 6, 2023. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

Lacy D. Pratt

Central Office O&G Coordinator

Lacy D. Prott

Cc: Olivia Wilson

EQT Production Company

OM, D-6 File

Anticipated Frac Additives Chemical Names and CAS Numbers

<u>Material</u>	Ingredient	CAS Number
Sand (Proppant) Water	Silica Substrate Water	14808-60-7
Hydrochloric Acid (HCI)	Hydrogen Chloride	7732-18-5 7647-01-0
Friction Reducer	Copolymer of 2-propenamide	Proprietary
	Petroleum Distillate	64742-47-8
	Oleic Acid Diethanolamide	93-83-4
	Alcohols, C12-16, ethoxylated	68551-12-2
	Ammonium chloride ((NH4)Cl)	12125-02-9
Biocide	Glutaraldehyde	111-30-8
	Alkyl dimethyl benzyl ammonium chloride	68391-01-5
	Didecyl dimethyl ammonium chloride	7173-51-5
	Non-hazardous substances	Proprietary
Scale Control	Bis(HexaMethylene Triamine Penta(Methylene Phosphonic Acid)(BHMT)	34690-00-1
	Non-hazardous substances	Proprietary
Acid Chelating Agent	Ferriplex 66	,
	Citric Acid	77-92-9
	Acetic Acid	64-19-7
Corrosion Inhibitor	PLEXHIB 166	
	Methanol	67-56-1
	Alcohols, C14-15, ethoxylated	68951-67-7

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SEP 25 2025

WV Department of Environmental Protection

OPERATOR:_	EQT Production Company	WELL NO: 5H		
PAD NAME:_	FracSlap			
REVIEWED B	Y: Branden Weimer	SIGNATURE:	Mai	

WELL RESTRICTIONS CHECKLIST

HORIZONTAL 6A WELL

Well	Restr	ictions	
	✓	At Least 100 Feet from Pad and LOD (including any E&S Control Feature) Perennial Stream, Lake, Pond, Reservoir or Wetland; OR	to any
		DEP Waiver and Permit Conditions	
	✓	At Least 300 Feet from Pad and LOD (including any E&S Control Feature) Naturally Producing Trout Stream; OR	to any
		DEP Waiver and Permit Conditions	
	√	At Least 1000 Feet from Pad and LOD (including any E&S Control Feature Groundwater Intake or Public Water Supply; OR) to any
		DEP Waiver and Permit Conditions	
	1	At Least 250 Feet from an Existing Water Well or Developed Spring to Well Drilled; OR	l Being
		Surface Owner Waiver and Recorded with County Clerk, OR	RECEIVED Office of Oil and Gas
		DEP Variance and Permit Conditions	SEP 25 2025
	✓	At Least 625 Feet from an Occupied Dwelling Structure to Center of the Pac	WV Department of 1 F 0 R $_{ m inmental}$ Protection
		Surface Owner Waiver and Recorded with County Clerk, OR	
		DEP Variance and Permit Conditions	
	/	At Least 625 Feet from Agricultural Buildings Larger than 2500 Square Fee of the Pad; OR	t to the Center
		Surface Owner Waiver and Recorded with County Clerk, OR	
		DEP Variance and Permit Conditions	