

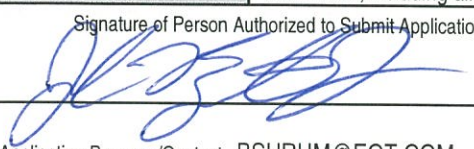


COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS MANAGEMENT

PERMIT APPLICATION TO DRILL AND OPERATE AN UNCONVENTIONAL WELL

Please read instructions before you begin filling in this form.

WELL INFORMATION									
Well Operator Rice Drilling B LLC		DEP ID# 268470	Well API No. 37-059-27371-00-01		Well Farm Name Dragon Chan		Well # 2		
Address 2400 Ansys Drive, Suite 200			LAT 39.787233 LONG - -80.509742		NAD 83	Project Number		Serial # 596180	
City Canonsburg		State PA	Zip Code 15317	Municipality Name/ City, Borough, Township Springhill / Township		County Greene			
Phone No. 724-271-7380		Fax No. 724-745-2418		Email jzavatchan@eqt.com		USGS 7.5 min. quadrangle map Cameron WV		Section 9	
24/7 Emergency Phone Contact No.: EQT Emergency Contact: 1-800-926-1759			ESGP Permit No. ESX16-059-0048			Well Pad (cluster) Name/Identification Dragon Chan			
911 address of well site (if available) 641 Morford Road, Aleppo, PA 15310									
Surface Elev. 1487	Deepest Formation to be Penetrated Marcellus		Anticipated TVD 7653		PERMIT TYPE Check applicable. Application is to ☒ Modify existing well/permit	TYPE OF WELL Check applicable. ☒ Gas ☐ Comb. (gas & oil/condensate) Configuration ☐ Vertical ☒ Horizontal ☐ Deviated ☐ Multiple laterals		APPLICATION FEE Check applicable. ☐ Vertical ☒ Non-vertical Total Application Fee \$ 5,250	
Target Formation(s) Proposed for Production Marcellus		Anticipated Target Top/Bottom TVD 7627 / 7680		Bond Agreement Id: RLB0014476					
Number of wellbore laterals proposed under this application 1. Total feet of wellbore to be drilled under this application 25,561 Ft.									
PNDI Attached: ☒ Any threatened or endangered "hit" must include a demonstration of how the impact will be avoided or minimized and mitigated, or justification that section 78a.15(e) applies.									
Application submitted as: ☒ Coal well (Attach Coal Module) ☐ Non coal well (Attach justification)									
COORDINATION WITH REGULATIONS AND OTHER PERMITS									
						Yes	No		
1. Will the well be subject to the Oil and Gas Conservation Law? If "No," go to 2).						☐	☒		
a. If "Yes" to #1, is the well at least 330 feet from outside lease or unit boundary?						☐	☐		
b. Does the location fall within an area covered by a spacing order?						☐	☒		
c. If the well will be multifateral, identify the wellbores on the sketch on page 3 of the plat that will be completed as conservation and non-conservation.									
2. Will the proposed limit of disturbance of the well site be within 100 feet measured horizontally from any watercourse or any high quality of exceptional value body of water or any wetland one acre or greater in size?						☐	☒		
If yes, attach the following if applicable: a site-specific E&S control plan, a permit consistent with Chapter 102, applicable portions of the Pollution Prevention Control Plan, applicable portions of the Well Site Emergency Response Plan, applicable portions of the Site Containment Plan, the permit number of a Water Obstruction and Encroachment Permit issued pursuant to Chapter 105, or justification that section 78a.15(e) applies.						☐	☐		
Will the well or well site be located within a defined 100 year floodplain or where the floodplain is undefined, within 100 feet of the top of the bank of a perennial stream or within 50 feet of the top of the bank of an intermittent stream.						☐	☒		
If yes, attach a plan that identifies the additional measure, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the Commonwealth						☐	☐		

COORDINATION WITH REGULATIONS AND OTHER PERMITS (cont'd)		Yes	No
3. Will the vertical wellbore section penetrate or be within 3,000 feet of an active gas storage reservoir boundary?		☐	☒
a. If Yes, print the names of:	Storage Field: _____ Operator: _____		
4. Is the proposed well location within the permitted area of a landfill ?		☐	☒
5. Will the vertical wellbore section of the unconventional well be drilled within 500 feet from any existing building or an existing water supply?		☐	☒
a. If "Yes," is written consent from the owner attached?		☐	☐
b. If written consent is not attached, is a variance request (form 8000-FM-OOGM0058) attached?		☐	☐
5.1. Will the vertical wellbore of the unconventional well be drilled within 1,000 feet from any existing water well, surface water intake, reservoir or other water supply extraction point used by a water purveyor?		☐	☒
a. If "Yes," is written consent from the owner attached?		☐	☐
b. If written consent is not attached, is a variance request (form 8000-FM-OOGM0058) attached?		☐	☐
6. Is this permit application for a well that will be drilled on a well site for which construction was completed prior to April 16, 2012?		☐	☒
a. If "Yes," was there a permitted well at this well site prior to April 16, 2012?		☐	☐
b. If the answer to question no. 6a is "Yes", provide the US Well Number (API No.) of the well permitted at this site prior to April 16, 2012. _____		☐	☐
7. Will the well be located where it may impact a public resource as outlined in the "Coordination of a Well Location with Public Resources" form 8000-PM-OOGM0076? If yes, attach a completed copy of the form.		☐	☒
8. Will any portion of the well site be in a Special Protection High Quality ☐ (HQ) or Exceptional Value ☐ (EV) watershed? Provide name of special protection watershed _____		☐	☒
9. Is this well part of a development which requires an Earth Disturbance Permit for Oil and Gas Activities disturbing more than 5 acres? If yes, list the number of the ESCGP approval if the permit has been issued. <u>ESX16-059-0048</u> If no, is this well part of a development that involves 1 to less than 5 acres of earth disturbance over the life of the project and is the answer to question no. 8 "Yes"? If yes, attach a site-specific E&S control plan.		☒	☐
10. Is the well to be located within a H ₂ S area pursuant to §78a.77a?		☐	☒
11. Attach a current Ownership & Control form 8000-FM-OOGM0118 with the first application submitted after the effective date of the final "Environmental Protection Performance Standards at Oil and Gas Well Sites" rulemaking, or if there have been any changes to parent and subsidiary business corporations.			
Signature of Applicant	The person signing this form attests that they have the authority to submit this application on behalf of the applicant, and that the information, including all related submissions, is true and accurate to the best of their knowledge.		
Signature of Person Authorized to Submit Application 	(Print or Type)	Name of Signer: JOHN ZAVATCHAN Title: Landman IV	Date 2/6/2019
Application Preparer/Contact: BSHRUM@EQT.COM		Phone: 724-271-7314	

**PERMIT APPLICATION TO DRILL AND OPERATE
AN UNCONVENTIONAL WELL
Record of Notification**

US Well No. (API No.)
37-059-27371-00-01

Signature of Applicant		I hereby certify that, for all interested parties identified on the plat of this application for which written consent or an "Affidavit of Non-Delivery of Certified Mail" has not been uploaded, copies of the well plat have been sent via certified mail and I have received a return receipt verifying delivery.	
Signature of Person Authorized to Submit Application 		Name of Signer: JOHN ZAVATCHAN Date 2/6/2019	
List the following: surface landowner; surface landowners and water purveyors with water supplies within 3,000 feet; municipality where the well will be drilled; adjacent municipality; municipalities within 3,000 feet of the vertical well bore; gas storage operator if within 3,000 feet. Mark the boxes, "X," which show the parties' interests. Use additional forms if you need more space. You are required to notify each of these parties. Notification: Signature below name indicates the party's acknowledgement of receipt of the well location plat and serves as proof of notification		Title: Landman IV	
Print Name: Evans Signature	Address: 80 Willow Drive Washington, PA 15301	Notification Note the means and attach proof. Certified Mail Dates Sent Return Receipt Address Affidavit Written Consent	
Print Name: Phillip Evans Signature	Address: 462 Wayne Brown Road Bruceeton Mills, WV 26525	Municipalities Surface Landowners & Water Purveyors with water supplies Gas Storage Operator Surface Landowner	
Print Name: David Gregory Meredith Signature	Address: 11 Milweed Place Pataskala, OH 43062	X	
Print Name: Jack L Beuth Jr, et ux Signature	Address: 1000 W Ingomar Road Pittsburgh, PA 15237	X	
Print Name: Helen Simms Signature	Address: 39325 French Creek Road Avon, OH 44011	X	
Record of Written Consent			
Written Consent: Signature below indicates the party's approval of the well location, or indicates written consent and waives the 15-day objection period where applicable.			
Check applicable box		Surface Owner	
Water Well within 500 feet		Building within 500 feet	
Print and Sign Name:	Address:	Date	☐
Print and Sign Name:	Address:	Date	☐
Print and Sign Name:	Address:	Date	☐

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Signature of Person Authorized to Submit Application 		(Print or Type) John Zavatchan		Name of Signer: JOHN ZAVATCHAN	
Title:		Landman IV			
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Print Name:	Jerry L Neely, et ux	Address:	125 Harts Run Road Aleppo, PA 15310	Surface Landowner	
Signature				Gas Storage Operator	
Print Name:	Daniel E Weyrick	Address:	RD 3 Box 161-D Cameron, WV 26033	Surface Landowners & Water Purveyors with water supplies <3000'	X
Signature				Surface Landowners	
Print Name:	Springhill Township	Address:	268 Windy Gap Road Aleppo, PA 15310		
Signature					
Print Name:	Aleppo Township	Address:	815 Aleppo Road New Freeport, PA 15352		
Signature					
Print Name:	Jackson Township	Address:	104 Tunnel Road Holbrook, PA 15341		
Signature					
Record of Written Consent					
Written Consent: Signature below indicates the party's approval of the well location, or indicates written consent and waives the 15-day objection period where applicable.					
Check applicable box					
Print and Sign Name:		Address:	Date	Surface Owner	Water Well within 500 feet
				☐	Building within 500 feet
Print and Sign Name:		Address:	Date	☐	☐
				☐	☐
Print and Sign Name:		Address:	Date	☐	☐
				☐	☐

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Signature of Person Authorized to Submit Application 		(Print or Type) John Zavatchan		Name of Signer: JOHN ZAVATCHAN Title: Landman IV	
List the following: surface landowner; surface landowners and water purveyors with water supplies within 3,000 feet; municipality where the well will be drilled; adjacent municipality; municipalities within 3,000 feet of the vertical well bore; gas storage operator if within 3,000 feet. Mark the boxes, "X," which show the parties' interests. Use additional forms if you need more space. You are required to notify each of these parties. Notification: Signature below name indicates the party's acknowledgement of receipt of the well location plat and serves as proof of notification					
Print Name:	Gilmore Township	Address:	181 Hero Road New Freeport, PA 15352	Surface Landowner	
Signature				Gas Storage Operator	
Print Name:	Freeport Township	Address:	773 Golden Oaks Road New Freeport, PA 15352	Surface Landowners & Water Purveyors with water supplies <300'	
Signature				Municipalities	
Print Name:		Address:		Sent	1/31/2019
Signature				Return Receipt	2/4/2019
Print Name:		Address:		Address Affidavit	
Signature				Written Consent	
Print Name:		Address:			
Signature					
Print Name:		Address:			
Signature					
Record of Written Consent					
Written Consent: Signature below indicates the party's approval of the well location, or indicates written consent and waives the 15-day objection period where applicable.					
Check applicable box					
Print and Sign Name:		Address:	Date	Surface Owner	Water Well within 500 feet
				☐	Building within 500 feet
Print and Sign Name:		Address:	Date	☐	☐
				☐	☐
Print and Sign Name:		Address:	Date	☐	☐
				☐	☐