

**COMMONWEALTH OF PENNSYLVANIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OFFICE OF OIL & GAS MANAGEMENT**

**Drill & Operate Well Permit (Unconventional)**

APPLICANT INFORMATION				
Applicant (Operator) Name RICE DRILLING B LLC	Legal Name RICE DRILLING B LLC	DEP Client ID# 268470	Phone 724-271-7380	FAX 724-745-2418
Mailing Address (Street or PO Box) 2400 ANSYS DRIVE	Address 2 SUITE 200			
City CANONSBURG	State PA	Zip +4 15317		
Email Address espine@eqt.com	24/7 Emergency Contact Name / Number EQT EMERGENCY CONTACT 800-926-1759			

WELLBORE INFORMATION			
Well API Number 37-059-27486	Wellbore Name	Type of Wellbore GAS	Wellbore Configuration HORIZONTAL WELL
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SUBMISSION INFORMATION	
Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. Any false statement is subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	
Submitted By	BECKY SHRUM
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UPLOADED FILES		
Attachment Pennsylvania Natural Diversity Inventory Form	File Name Thunder 1 PNDI 7.17.2018.pdf	File Upload Date 06/05/2019
Cryptographic Hash Value of File (SHA-512) C6062A2649064DA1577F43FA470FB2ACE8AB239EDAC2DAD23A807148266E2E0244B64169A5C1519FC4616A2DB8087DBCEBA59F860AAB5DCC22F927F87892B3FB		
Attachment Permit Application to Drill and Operate a Well	File Name Thunder 20_Mod Permit App 6.4.2019.pdf	File Upload Date 06/05/2019
Cryptographic Hash Value of File (SHA-512) A46FCA699AA6C07CFC7E8B704840DABA1F143D5A7D66ACE03D5893B64511C604C4D97F10522F499D68F1F1A95467EFF10A0EC4B7B471B2EE405418019F9900		
Attachment Location Plat	File Name THUNDER 1 20_FINAL DWG 6.4.2019.dwg	File Upload Date 06/05/2019
Cryptographic Hash Value of File (SHA-512) B8D126EE3E72E124F4809F384C2922C01EEC2F3BC1CE37E12378BF7CD4632D4F6D12FB22254C49BEB003BC405A3082B8FDE5D6D6BC6C31E13F562A735308477E		
Attachment Variance Request - Distance Requirements (OOGM0058)	File Name Thunder 1_Landowner Permission to Drill 5.16.2017.pdf	File Upload Date 06/05/2019
Cryptographic Hash Value of File (SHA-512) E11A8362F23BD39F029A06A71E16CB9C77F55C6B832FB99F8A446612D8EFADA6CB9997783F5FC0D501DE9BFD54BD424F8B1F3A7AA76A6F9F42B0B8924ABF43F0		
Attachment Underground Mine Workings Map	File Name Thunder 1 20 Cumberland Contura Letter and Mine Map 5.23.2017.pdf	File Upload Date 06/05/2019
Cryptographic Hash Value of File (SHA-512) 24EB54A5D410FF04EBA5DC4CC6FF68B3890E7D097A53C89F4A0802A32D9A86B830127BAF3A28F0CC22FAFC31DAA40BD1B7251F231406BF969CD2E7DCE48AB60C		
Attachment Well Cross-Section Diagram	File Name THUNDER 1 20_Pg4 Cross Section.pdf	File Upload Date 06/05/2019
Cryptographic Hash Value of File (SHA-512) FBE005E6A2E930E0C4C9189C6527C7352B697D0DB21AB1B41389582E4D4610BFE0C2B06F99D20C12CAC997B5C4F3CD4C99DDC0231913984462C7E4764CF446C0		
Attachment Record of Notification to Interested Parties	File Name Thunder 1_Affidavit of Non-Delivery Packet 6.4.2019.pdf	File Upload Date 06/05/2019
Cryptographic Hash Value of File (SHA-512) 85D69A79D826834CCC21B2770E4B055B1D012D7BCE5EDB60430AD58240A0D277D270AC65608DB9B0ECB4179B9CB690C52DD0BB504307E954C3C91A2D4040B347		
Attachment Well Permit Application - Coal Module	File Name Thunder 1_Coal Module 6.4.2019.pdf	File Upload Date 06/05/2019
Cryptographic Hash Value of File (SHA-512) 2A86CC0B173C66BAC9034469C0803A193072383EB2C328D9B8BAB4B7C4D5391FD2CA7EDE822458D091B6652D94C166032F6C315F21EE0B44184320F3596BAB5F		