



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 724-809-5469	FAX
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 37-059-27481	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	ERIN SPINE
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UPLOADED FILES		
Attachment Location Plat	File Name THUNDER 1_10 PG2A_3702.dwg	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) D21729DBE3A693C598EA4F707ED362A706ED78541320CBBCF7E0ED3DE33BE70DCA1B647ED38BD6A3359D60B9A7F5953DBFEF194849E6A2CFA323CD31FB096C0		
Attachment Location Plat	File Name THUNDER 1_10 PG3_3702.dwg	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) C1A6B182FF67F21837A93C8DF5D6506D8E77D90333F4B45DB28F43671D21570E5962BF7A774D70321A533CF753EE054CE32C032CC03E1992883B6B084FA0A564		
Attachment Location Plat	File Name THUNDER 1_10 PG4_3702.dwg	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) A97DA62B37DEB2FF9D580743CF0D0ACED96F584001EBDFE9103A9B888447D8FB160125BAFBC44A2A1CFF0184CD59D64E3C7B8B0B6C70C42601981680B7598741		
Attachment Pennsylvania Natural Diversity Inventory Form	File Name Thunder 1 PNDI 6.6.2018.PDF	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) B51971BF5E20ECF8A6E794ECA25BBB8D7032645AA7CE49D1E77504619F4BF61DE20AAB42E4502962FCCAB27BF1908F1D782E66A2E47A267A6EB8A78167198A1285A		
Attachment Permit Application to Drill and Operate a Well	File Name Thunder 1 10_Permit App 6.6.2018.pdf	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) B57B99E20ECF8A6E794ECA25BBB8D7032645AA7CE49D1E77504619F4BF61DE20AAB42E4502962FCCAB27BF1908F1D782E66A2E47A267A6EB8A78167198A1285A		
Attachment Location Plat	File Name THUNDER 1_10 PG1_3702.dwg	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) 0CE149042093E9B7AB8FE18682212E38151148C70958EC8D4AF3E60E7E99CDEC38F16664CCC3D3312F46C70D03561C19BC73B827CEDB74D0DAFFC24447A9BF3		
Attachment Interested Party Notification	File Name Thunder 1 South_Affidavits of Non Delivery 6.6.2018.pdf	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) 9DFB895E544F0A44A339595279AAC4EC74B69E96A72B189C55EBE4954AD7B45471053BEC9416D8940A7C134ADA487F5721F5E16BC49AF849F6F60068351D3BD		
Attachment Underground Mine Workings Map	File Name Thunder 1 Contura PA Land Approval and Mine Map 5.30.2018.pdf	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) 4F1F5DE9237E0263C1563CAC18EB88A68169FAFE0B160AA278C27F7D90A152B206C607ECE55B9DA6E2C388C7B035A7A22627F290236D03C792E3A1159993E835		
Attachment Coal and Gas Resource Coord Act - Section 7 Exception	File Name Thunder 1 South_LO Permission to Drill 5.16.2017.pdf	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) E11A8362F23BD39F029A06A71E16CB9C77F55C6B832FB99F8A446612D8EFADA6CB9997783F5FC0D0501DE9BFD54BD424F8B1F3A7AA76A6F9F42B0B8924ABF43F0		
Attachment Well Cross-Section Diagram	File Name THUNDER 1 10_Pg4 Cross Section.pdf	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) AB8925D0E77FA8F8AD4A22166706396ADF2873ECF6D7041AB97ED338F15FC532FACCB1C804BB6B7AC695096A36785A6232A2860C72CFA4E809544526FAA6219D		
Attachment Well Permit Application - Coal Module	File Name Thunder 1_Coal Module 6.6.2018.pdf	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) 56A4662E5C8659950A1C5A9B672BAFBDAD24896CA96CD21C2DEC4C9972AA3B140197A4C81901E6E567457A84B8D85CE61ADB4E0991D4338F5899C22CB88B1323		
Attachment Location Plat	File Name THUNDER 1_10 PG2_3702.dwg	File Upload Date 06/06/2018
Cryptographic Hash Value of File (SHA-512) 8188F75D43230010A19C224DD60049A99637387A0261547603A00A486066E78433AA22DA153D04E73853C789E05A2882BEFC7CBF6546BA7CD60E9852039A1AF7		